

Lockheed Martin Corporation
6801 Rockledge Drive MP: CCT-246
Bethesda, MD 20817
Telephone 301-548-2209



June 21, 2023

VIA EMAIL AND PRIVATE CARRIER

Anuradha Mohanty
Land and Materials Administration
Maryland Department of the Environment
1800 Washington Boulevard, Suite: 625
Baltimore, Maryland 21230

Subject: Transmittal of the 2022 Greater Strawberry Point Trichloroethene Characterization Report -
Changed Pages and Response to Comments
Martin State Airport, 701 Wilson Point Road
Middle River, Maryland

Dear Ms. Mohanty,

For your information, please find enclosed two hard copies of the above-referenced document. This includes changed pages for Section 5 and Response to Comments. The report describes the well installation and sampling tasks performed for trichloroethene characterization in groundwater at the Greater Strawberry Point area of Martin State Airport in Middle River, Maryland.

If you have any questions or require any additional information please contact me by phone at 301-964-2482, or via e-mail at anthony.c.apanavage@lmco.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony Apanavage".

Anthony Apanavage
Project Lead
Environmental Remediation Principal Lockheed Martin Corporation

cc: (via email without enclosure)
Brian Dietz, MDE
Christine Kline, Lockheed Martin
Mary Morningstar, Lockheed Martin
Michael Martin, Tetra Tech
Peter Shilland, CDM Smith

Harold Fowler, Martin State Airport

cc: (via Box)
Remediation Records Coordinator, Lockheed
Martin

cc: (via mail with CD enclosure)
Pete Lekas, EA Environmental

cc: (via shipping courier; with enclosures)
Mark Williams, MAA

**Maryland Department of the Environment
Land Restoration Program
Martin State Airport
Review Comments**

Greater Strawberry Point TCE Characterization Report, March 2023

1. Please let me know if any further SW sampling events in Stansbury Creek are planned in the coming months. I believe you mentioned SW sampling on 3/17/23 was ND in Stansbury Creek but I have not yet seen the Stansbury SW Sampling report. Please confirm.

Response: *Four surface water samples, GSP-SW-07 through GSP-SW-10, were collected from locations in Stansbury Creek near the Greater Strawberry Point (GSP) shoreline in the area of TCE detections in groundwater. Surface water sampling locations are shown on the attached Figure 3-1.*

Surface water sampling in Stansbury Creek was conducted concurrently with surface water sampling in Frog Mortar Creek, with sampling events in July, August, and September 2022 and March 2023. Samples were collected at low tide with sample locations recorded using a hand-held global positioning system at the time of sample collection. Surface water grab samples were collected using direct filling sampling techniques at a depth of approximately one foot below the water surface.

Samples were analyzed for volatile organic compounds by United States Environmental Protection Agency Method 8260C. In summary, no chlorinated volatile organic compounds (cVOCs) were detected in any of the samples collected during the four sampling events. As shown on Table 1, the only volatile organics detected were trace levels of petroleum-related compounds (xylenes and toluene) at two of four sampling locations in September 2022; a tentatively identified compound was also detected at trace estimated levels in all four samples and in the trip blank. Chloroform was detected at trace levels in the laboratory-supplied trip blank, but was nondetect in all four samples. Full analytical results from all four monitoring rounds, including nondetect results, are presented in Table 2.

Stansbury Creek September 2022 Event Detections							
Specific Method	Analyte		240-173122-1 GSP-SW07-091522	240-173122-2 GSP-SW08-091522	240-173122-3 GSP-SW09-091522	240-173122-4 GSP-SW10-091522	240-173122-5 TB-091522
		Units	Result	Result	Result	Result	Result
8260C	Toluene	ug/L	0.44 U	1.3	0.51 J	0.44 U	0.44 U
8260C	Xylenes, Total	ug/L	0.42 U	0.68 J	0.42 U	0.42 U	0.42 U
8260C	m-Xylene & p-Xylene	ug/L	0.42 U	0.68 J	0.42 U	0.42 U	0.42 U
8260C	Tentatively Identified Compound	ug/L	12 T J	12 T J	12 T J	12 T J	13 T J

U - indicates the analyte was analyzed for but not detected

T J - result is a tentatively identified compound (TIC) and an estimated value

J - result is less than the RL but equal to or greater to the MDL and the concentration is an approximate value



FIGURE 3-1
PROPOSED MONITORING WELL AND
SURFACE WATER SAMPLING LOCATIONS,
GREATER STRAWBERRY POINT

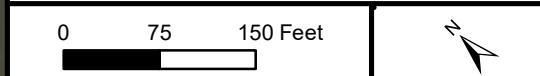
LEGEND

- PROPOSED MONITORING WELL
- ▲ PROPOSED SURFACE WATER SAMPLE LOCATION
- ⊙ EXISTING MONITORING WELL
- FORMER DPT/HPT SAMPLING LOCATION
- BALD EAGLE'S NEST 660-FOOT BUFFER

DPT = Direct Push Technology
 GSP = Greater Strawberry Point
 HPT = Hydraulic Profiling Tool
 MW = Monitoring Well

Aerial photograph provided by the State of Maryland.

Lockheed Martin, Martin State Airport
Middle River, Maryland



DATE MODIFIED: 03/04/22 CREATED BY: JEE



**Maryland Aviation Administration
Martin State Airport
Review Comments**

Greater Strawberry Point TCE Characterization Report, March 2023

1. **Section 5.3.3, Page 5-5** – This section should provide a summary of natural attenuation parameters and conclusions for both the shallow and deep wells. Currently it only provides a summary of the results for deep wells and does not provide overall conclusions regarding the status of natural attenuation in the area sampled.

Response: *The conclusions about the shallow wells are presented in the last paragraph of Section 5.3.1. This paragraph will be brought down to Section 5.3.3 and placed ahead of the existing paragraph that pertains to the deep wells. Both paragraphs will be revised to indicate shallow wells or deep wells.*

2. **Section 5.6.3, Page 5-9** – The meaning of this sentence is unclear: “Although both TCE and carbon tetrachloride are detected at areas upgradient of the new monitoring wells, the groundwater flow directions (as currently interpreted) do not provide a migration pathway from the defined areas to these new monitoring wells.” Which “defined areas” are being referenced? New shallow-zone monitoring wells MW-28, MW-40, MW-41, and MW-43 appear to be roughly downgradient of RECs 7-9.

Response: *Lockheed Martin agrees that the new monitoring wells are generally downgradient from the RECs 7-9. The intent of the sentence was to state that when the different hydrogeological observations are combined, these converging lines of evidence do not suggest that the VOCs detected west of Strawberry Point Road are originating at the RECs. The sentence will be rewritten as follows:*

“Although both TCE and carbon tetrachloride are detected at areas upgradient of the new monitoring wells, the groundwater flow directions and groundwater migration pathways (as currently interpreted) and the nature and extent of the VOCs (especially their lateral distribution and concentrations) do not suggest a potential migration pathway from the defined source areas to these new monitoring wells.”

wells was very low. The ferrous iron concentrations at MW-40, MW-41, and MW-43 were greater than 1 mg/L, suggesting reducing conditions, but the ferrous iron concentration as well as the total iron concentration at MW-28 were less than detection limits. Total manganese concentrations covered a narrow range and were similar to background. Sulfate concentrations greater than 20 mg/L in MW-40 and MW-43 could inhibit reductive dechlorination. On the other hand, low sulfate concentrations in MW-41 and MW-28 suggest anaerobic reducing conditions that degraded sulfate. Dissolved oxygen concentrations were all less than 0.1 mg/L, which is favorable for anaerobic biological activity.

Dissolved organic carbon (DOC) concentration were less than 5 mg/L in all wells indicating an absence of an electron donor, which is not favorable for reductive dechlorination. ORP ranged from -4 mV to 295 mV which is not favorable for reductive dechlorination. The pH range was 4.61 to 5.71, which is generally out of the range favorable for reductive dechlorination (5 to 9).

5.3.2 Deep Wells

This group consists of wells greater than 25 feet deep and includes wells (in an upgradient to downgradient direction) MW-30, MW-27, MW-42I, MW-44, MW-45I, and MW-46I. However, based on groundwater contour figures, MW-30 and MW-27 are not directly upgradient of the other wells, and should be considered background wells. The following discussion focusses on the four downgradient wells, MW-42I, MW-44, MW-45I, and MW-46I.

TCE and carbon tetrachloride are the primary COC in groundwater and are detected at concentrations greater than the residential PRGs. The VOC results suggest that reductive dechlorination has occurred, but to a lesser degree as compared to the shallow wells. For example, at MW-45I, the TCE concentration was 120 µg/L, the cDCE concentration was 0.49J µg/L, and the chloroform concentration was 8.6 µg/L, although VC was not detected. Similarly, at MW-46I, the TCE concentration was 1.3 µg/L, and the chloroform concentration was 1.1 µg/L. However, at MW-44, the TCE concentration was 2,500 µg/L, but no daughter products were detected. No COC or daughter products were detected in MW-42I. Ethane and ethene concentrations in MW-45I and MW-46I suggest anaerobic dechlorination of TCE. However, methane concentrations in all wells, and ethane and ethene concentrations in the other wells, were low and not indicative of significant anaerobic activity. The alkalinity at MW-45I (61 mg/L as CaCO₃) was much higher than

background, suggesting biological activity. However, the alkalinity of the other three wells was low. The ferrous iron concentrations at all four wells were greater than 1 mg/L suggesting reducing conditions. Total manganese concentrations in MW-42I and MW-44 were similar to background, but the concentrations in MW-45I and MW-46I are several times those concentrations, suggesting favorable concentrations for anaerobic dechlorination at these wells. Sulfate concentrations were less than 20 mg/L in MW-42I, MW-45I, and MW-46I, and was 21 mg/L in GSP-MW-44, which would not inhibit reductive dechlorination, and also suggests anaerobic reducing conditions that degraded sulfate.

ORP values were split between unfavorable and favorable. At MW-42I and MW-44, ORPs were 67 mV and 52 mV, respectively, but for MW-45I and MW-46I, ORPs were -112 mV and -161 mV, respectively. The pH range was 5.2 to 6.9 which is within the favorable range for reductive dechlorination (5 to 9). DO concentrations were all 0 mg/L, which is favorable for anaerobic biological activity.

DOC concentration were less than 5 mg/L in all wells indicating an absence of an electron donor, which is not favorable for reductive dechlorination. Toluene was detected at MW-42I (0.99J µg/L) and at MW-45I (2.3 µg/L), suggesting that an electron donor source may have been present. No other specific hydrocarbons were detected.

5.3.3 Natural Attenuation Conclusions

In the shallow wells, although VOC results indicate that reductive dechlorination has occurred, and several positive indicators for natural attenuation are apparent, the overall conditions as indicated by DOC, ORP, and pH are not very favorable for significant natural attenuation.

In the deep wells, VOC results indicate that reductive dechlorination has occurred at MW-45I and MW-46I, but not at MW-42I and MW-44. Many positive indicators for natural attenuation were apparent at MW-45I and MW-46I, but fewer positive indicators of natural attenuation were present at MW-42I and MW-44.

5.4 GROUNDWATER ELEVATION MEASUREMENTS – NOVEMBER 2022

A synoptic water level survey was conducted at all existing GSP monitoring wells (46 wells) on November 16, 2022, except for MW-12 and MW-18, which were covered by large dumpsters and/or equipment. Water levels were measured with an electronic water level meter to 0.01-foot accuracy. All down-well components of the measuring device were decontaminated before measuring water levels at the first well, and in-between wells. Synoptic water level readings and groundwater elevations from November 2022 are shown on Table 5-4. Groundwater elevation contour maps were constructed for two subsurface depth intervals (less than 25 feet bgs and greater than 25 feet bgs) to prevent the site's vertical hydraulic gradient from interfering with the interpretations of lateral flow direction. The groundwater elevation contour interpretations for November 2022 are shown on Figures 5-2 and 5-3, respectively.

5.5 GROUNDWATER SAMPLING – NOVEMBER 2022

Groundwater samples were collected using low-flow methods (peristaltic pump) from seven monitoring wells in the MW-28 area, including the reinstalled well MW-46I, on November 16-17, 2022. Groundwater quality parameters (pH, temperature, conductivity, ORP, DO, and turbidity) were monitored using a Horiba U-52 water quality meter and recorded every five minutes. All sampling data was recorded in the site-specific logbook and appropriate field forms (included as Appendix H). Purging continued until parameters had stabilized or for 90 minutes, whichever occurred first. Stabilization was achieved when three consecutive readings were within ± 0.1 pH, ± 3 percent for conductivity, ± 10 mV of ORP, and ± 10 percent for turbidity. Groundwater samples were analyzed for VOCs by USEPA Method 8260 only.

5.5.1 Volatile Organic Compound Results

Four volatile organic compounds (TCE, carbon tetrachloride, chloroform, and cis-1,2-DCE) were detected in at least one of the seven monitoring wells sampled, with the most notable detections at MW-44, with a TCE concentration of 3,200 $\mu\text{g/L}$ and MW-40, with TCE at 110 $\mu\text{g/L}$. TCE and carbon tetrachloride were detected at concentrations above their MDE groundwater cleanup standards (5 $\mu\text{g/L}$ for each) in several samples. TCE at MW-44 (3,200 $\mu\text{g/L}$), MW-40 (110 $\mu\text{g/L}$), MW-45I (34 $\mu\text{g/L}$), MW-28 (28 $\mu\text{g/L}$), and MW-41 (22 $\mu\text{g/L}$) exceeded its MDE groundwater

cleanup standard. Additionally, carbon tetrachloride at MW-28 (17 µg/L), and MW-43 (5.6 µg/L) exceeded the MDE groundwater cleanup standard. cDCE was detected above its MDE groundwater cleanup standard (70 µg/L) at MW-40 with a concentration of 340 µg/L. All other VOCs were detected at concentrations below their respective MDE cleanup standards. The reinstalled well MW-46I yielded low concentrations of TCE and carbon tetrachloride (1.3 µg/L and 1.1 µg/L, respectively). TCE results in November 2022 groundwater samples collected at GSP are shown on Figure 5-1.

5.6 HYDROGEOLOGY

The site's hydrogeologic interpretation has been revised to incorporate the hydraulic and chemical data obtained through the installation and sampling of the seven new monitoring wells. A general and initial interpretation of the site's environmental sequence stratigraphy (ESS) is also included to broadly delineate potential VOC migration pathways and possible source area(s) for the TCE detected in the monitoring wells south of Strawberry Point Road.

5.6.1 Lithology and Stratigraphy

The site lithology and stratigraphy are illustrated in the hydrogeologic cross-section (Figure 5-4). The lithology directly observed in the soil borings is similar to the predicted lithology that was inferred by the formation's hydraulic responses observed during the MW-28 HPT investigation (Section 2.3.1). The new cross-section illustrates a high degree of heterogeneity in both vertical and lateral lithology in the subsurface sediments. Within each boring, discrete zones of coarser-grained and higher permeability sediments are vertically separated by extended zones of finer-grained and lower permeability sediments. The coarser-grained zones of higher permeability are laterally continuous to varying extents, but none are laterally continuous across the entire project area. This lithologic heterogeneity was formed by and is characteristic of fluvial-deltaic depositional sequences and paleoenvironments that have been investigated and interpreted at the adjacent Lockheed Martin Middle River Complex. An understanding of the three-dimensional distribution of the sand intervals is important because they represent the principal migration pathways for the groundwater and the associated dissolved-phase VOC plume(s).

The cross-section on Figure 5-4 also illustrates a very general and initial attempt at constructing the site's ESS interpretation. Four potential sequence boundaries (times marking the lowering of sea level and the rejuvenation of fluvial systems) are illustrated on the figure. The depths and three-dimensional delineation of the sequence boundaries are potentially useful at the site because they are often overlain by the coarser-grained and higher permeability sediments of the rejuvenated or higher-energy fluvial depositional systems and principal groundwater migration pathways discussed above.

5.6.2 Groundwater Flow Direction

The lateral directions of groundwater flow are interpreted for the depth intervals of less than 25 feet below ground surface ("shallow groundwater", Figure 5-2) and greater than 25 feet below ground surface ("deeper groundwater", Figure 5-3) using the groundwater level data collected from the site-wide synoptic measurement round in November 2022. Based on these interpretations, the groundwater at GSP originates in the eastward (upgradient, or towards the runway) area of the site and flows in a generally westward direction towards Stansbury Creek, but the flow direction is not constant and ranges from the northwest to southwest due to variations in the local groundwater flow patterns. Therefore, the precise origin of the groundwater sampled from any particular well cannot be identified.

Groundwater flow in the shallow zone is characterized by a northwest-to-southeast trending groundwater divide located near the runway (Figure 5-2). Groundwater east of the divide flows to the east, or towards Frog Mortar Creek. The hydraulic gradient is steepest along the divide and lessens in the downgradient directions. Groundwater west of the divide flows to the west, or towards Stansbury Creek and the TCE detections at GSP that are the subject of this investigation. The interpreted groundwater "low" or "valley" that trends east-west or perpendicular to the highest elevations of the groundwater divide potentially reflects the existence of a paleochannel consisting of higher-permeability sediments. If so, the paleochannel could reflect a preferred groundwater (and VOC) migration pathway at the site.

Groundwater flow in the deep zone is similarly characterized by a groundwater divide (Figure 5-3) that is oriented in a more east-west direction than the shallow zone. Groundwater north of the divide generally flows to the north, and groundwater south of the divide flows toward the south,

or towards Stansbury Creek. The hydraulic gradient along the divide is less steep in the deep zone as compared to the shallow zone.

The vertical distribution of hydraulic head and the vertical component of groundwater flow can be interpreted from the hydrogeologic cross-section (Figure 5-4). The vertical direction of groundwater flow is variable. In the northern and upgradient portion of the site (near monitoring wells MW-27 and MW-29) the vertical gradient is oriented upward as groundwater flow converges into the probable paleochannel, as also depicted in the contour map for lateral flow in the shallow groundwater zone (Figure 5-2). Throughout most of the site, the vertical gradient is oriented downward. The vertical gradient reverses and is strongly upward in the vicinity of monitoring wells MW-46I and MW-28, or adjacent to Stansbury Creek, and reflects the discharge of groundwater into the creek.

5.6.3 Groundwater Plume and VOC Distribution

The principal VOCs in the project area groundwater are TCE and carbon tetrachloride (see Section 5.4). The lateral distributions of these compounds south and west of Strawberry Point Road are illustrated on Figure 5-1 and the vertical distributions along the site cross-section are illustrated on Figure 5-4.

The distribution and concentration of TCE and carbon tetrachloride in the new monitoring wells suggest the presence of a local and unidentified source area for the compounds. Although both TCE and carbon tetrachloride are detected at areas upgradient of the new monitoring wells, the groundwater flow directions and groundwater migration pathways (as currently interpreted) and the nature and extent of the VOCs (especially their lateral distribution and concentrations) do not suggest a potential migration pathway from the defined source areas to these new monitoring wells. In addition, the concentration of TCE detected in monitoring well MW-44 (3,200 µg/L) is one order of magnitude greater than any TCE concentration detected elsewhere, which is not consistent with the model of a plume emanating from upgradient areas and migrating as a dissolved phase with the groundwater.

5.7 MNA REMEDY MODIFICATIONS

The additional characterization presented in this report indicates that although a localized source of TCE and carbon tetrachloride appears to be present at GSP, the selected remedy of monitoring natural attenuation (MNA) continues to be protective of receptors in Stansbury Creek based on low concentrations of TCE and carbon tetrachloride detected in groundwater near the creek and the absence of detectable concentrations of these compounds in the creek. However, monitoring wells MW-40, MW-44, MW-45I, and MW-46I will be added to the comprehensive MNA monitoring plan. Future results will be interpreted relative to the overall site hydrogeology and will be used to assess the continued efficacy of the MNA remedy at the site.

**2022 GREATER STRAWBERRY POINT
TRICHLOROETHENE CHARACTERIZATION REPORT,
MARTIN STATE AIRPORT,
701 WILSON POINT ROAD
MIDDLE RIVER, MARYLAND**

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

June 2023

Revision: Change Pages



Michael Martin, P.G.
Regional Manager



Josh Mullis
Project Manager

TABLE OF CONTENTS

Section	Page
Table of Contents	i
List of FIGURES	iii
List of TABLES	iii
Appendices	iii
Acronyms and Abbreviations	iv
Section 1 Introduction	1-1
Section 2 Site Background	2-1
2.1 History Of Environmental Investigations, Greater Strawberry Point.....	2-1
2.2 2020 GSP MNA Baseline Characterization.....	2-2
2.3 2021 GSP-MW-28 Investigation.....	2-4
2.3.1 Hydraulic Profiling Tool.....	2-4
2.3.2 Direct-Push Technology Groundwater Screening.....	2-5
Section 3 Investigation Approach And Methodology	3-1
3.1 Site Access, Notifications, Permits, And Utility Clearance	3-1
3.2 Field Methodology.....	3-2
3.2.1 Monitoring Well Installation.....	3-2
3.2.2 Survey of Newly Installed Monitoring Wells.....	3-4
3.3 Waste Management.....	3-5
Section 4 Well Installation Summary	4-1
Section 5 Results	5-1
5.1 Groundwater Elevation Measurements - July 2022.....	5-1
5.2 Groundwater Sampling – August 2022	5-1
5.2.1 Volatile Organic Compound Results.....	5-2
5.3 Natural Attenuation Parameters.....	5-2
5.3.1 Shallow Wells	5-3
5.3.2 Deep Wells	5-4
5.3.3 Natural Attenuation Conclusions.....	5-5
5.4 Groundwater Elevation Measurements – November 2022.....	5-6

5.5	Groundwater Sampling – November 2022	5-6
5.5.1	Volatile Organic Compound Results	5-6
5.6	Hydrogeology	5-7
5.6.1	Lithology And Stratigraphy	5-7
5.6.2	Groundwater Flow Direction	5-8
5.6.3	Groundwater Plume And VOC Distribution	5-9
5.7	MNA Remedy Modifications	5-10
Section 6 References		6-1

TABLE OF CONTENTS (CONTINUED)

LIST OF FIGURES

- Figure 1-1 Greater Strawberry Point Site Location Map
Figure 2-1 Location of Strawberry Point and Greater Strawberry Point
Figure 2-2 Groundwater Monitoring Network, Greater Strawberry Point
Figure 3-1 Monitoring Wells Installed July 2022, Greater Strawberry Point
Figure 5-1 Trichloroethene Sampling Results at Greater Strawberry Point, August and November 2022
Figure 5-2 Groundwater Elevations at Greater Strawberry Point for Wells Screened < 25 Feet Below Ground Surface, November 2022
Figure 5-3 Groundwater Elevations at Greater Strawberry Point for Wells Screened > 25 Feet Below Ground Surface, November 2022
Figure 5-4 Cross-Section A-A'

LIST OF TABLES

- Table 3-1 New Monitoring Well Construction Details and Rationale
Table 4-1 Summary of Well Development Information, July 2022
Table 5-1 Groundwater Level Measurement Sheet – July 2022
Table 5-2 Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, August 2022
Table 5-3 Greater Strawberry Point Groundwater Results , August 2022
Table 5-4 Groundwater Level Measurement Sheet – November 2022
Table 5-5 Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, November 2022
Table 5-6 Greater Strawberry Point Groundwater Results, November 2022

APPENDICES

- Appendix A—Dig Permit, Miss Utility Report, MAA Permits
Appendix B—Boring and Well Construction Logs
Appendix C—Well Development Logs
Appendix D—Precision Surveying Report
Appendix E—Waste Disposal Documentation
Appendix F—Validated Laboratory Reports
Appendix G—Full Laboratory Reports
Appendix H—Groundwater Purge Log Sheets

ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
cDCE	cis-1,2-dichloroethene
COC	chemicals of concern
DO	dissolved oxygen
DOC	dissolved organic carbon
DPT	direct push technology
DRO	diesel-range organics
EESH	energy, environment, safety, and health
EGIS	environmental geographic information system
EM	electromagnetic
ESS	environmental sequence stratigraphy
FS	feasibility study
GIS	geographic information system
GPR	ground penetrating radar
GPS	global positioning system
GRO	gasoline-range organics
GSP	Greater Strawberry Point
GSSI	Geophysical Survey Systems Inc.
HASP	health and safety plan
HPT	hydraulic profiling tool
IDW	investigation-derived waste
Lockheed Martin	Lockheed Martin Corporation
MAA	Maryland Aviation Administration
MDANG	Maryland Air National Guard
MDE	Maryland Department of the Environment
MEE	methane, ethane, and ethene

MES	Maryland Environmental Service
µg/L	micrograms per liter
MNA	monitored natural attenuation
MSA	Martin State Airport
mV	millivolts
NTUs	nephelometric turbidity units
ORP	oxidation-reduction potential
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PDF	portable document format
PFAS	per-and polyfluoroalkyl substances
PID	photoionization detector
PM	project manager
PRG	preliminary remediation goal
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
RAO	remedial action objective
REC	recognized environmental condition
SIR	subsurface interface radar
TB	trip blank
TCE	trichloroethene
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound

SECTION 1 INTRODUCTION

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc., (Tetra Tech) has prepared the following report to describe the well installation and sampling tasks performed in accordance with the *Greater Strawberry Point Trichloroethene Characterization Work Plan* (Tetra Tech, 2022a) for trichloroethene (TCE) characterization in groundwater at the Greater Strawberry Point (GSP) area of Martin State Airport (MSA), formerly known as Glenn L. Martin Airport, in Baltimore County, Maryland. The work was performed to provide groundwater characterization in the wooded portion of Greater Strawberry Point surrounding monitoring well GSP-MW-28, upgradient of where volatile organic compounds (VOCs) were detected in each of the four rounds of baseline sampling associated with the *Greater Strawberry Point Area Monitored Natural Attenuation Baseline Characterization Work Plan* (Tetra Tech, 2020), and the follow-on discrete groundwater sampling investigation associated with the *Greater Strawberry Point Monitoring Well GSP-MW-28 Area Investigation Report* (Tetra Tech, 2021c).

The Greater Strawberry Point study area, comprising approximately 75 acres, is defined as extending from the southern end of the peninsula north to Taxiway J, and extending eastward from the shoreline of Stansbury Creek to Taxiway F. Figure 1-1 depicts the location of Greater Strawberry Point. The groundwater monitoring network at Greater Strawberry Point consists of 40 monitoring wells. Fourteen of these monitoring wells were installed in July 2020 to extend the well network and to provide additional downgradient monitoring points as part of the Greater Strawberry Point monitored natural attenuation (MNA) groundwater remedy. This report describes the installation and sampling of seven new monitoring wells south of Strawberry Point Road, and upgradient of MW-28.

This report is organized as follows:

Section 2—Site Background: Briefly describes the site history, conditions, and previous investigations. Current site conditions in relationship to historical structures are also described in this section.

Section 3—Investigation Approach and Methodology: Presents the technical approach and field methodologies that were used to install monitoring wells within the study area.

Section 4—Well Installation Summary: Summarizes the findings of the well installation effort.

Section 5—Results: Summarizes the analytical results from groundwater monitoring events.

Section 5—References: Cites references used to compile this report.

SECTION 2 SITE BACKGROUND

This section presents background information pertaining to Greater Strawberry Point (GSP) and the subject area of investigation. A detailed site description, including physical and geologic conditions, and a comprehensive summary of previous environmental investigations are provided in the *Greater Strawberry Point Area Monitored Natural Attenuation Baseline Characterization Report* (Tetra Tech, 2021a), and therefore are not repeated in this report. Figure 2-1 shows the location of GSP.

2.1 HISTORY OF ENVIRONMENTAL INVESTIGATIONS, GREATER STRAWBERRY POINT

The GSP area consists of 75 acres located within the property boundaries of Martin State Airport (MSA), currently owned and operated by Maryland Aviation Administration (MAA). GSP consists of undeveloped wooded areas coupled with cleared and developed areas, including a former seaplane ramp, hangars, a fuel tank farm, a police building, and maintenance buildings. The GSP area extends from the southern end of the MSA peninsula to Taxiway J, and from Stansbury Creek to Taxiway F. The airport runway is northeast of GSP.

During previous environmental investigations, areas requiring further study were identified as recognized environmental conditions (RECs), which were each assigned a unique number. Research has identified historical activities that occurred at each REC (Tetra Tech, 2008) that likely impacted the environment within a geographically distinct area. Ten of the GSP RECs are contiguous or closely located (i.e., RECs #1 through #10), but the eleventh REC (REC #11) is separated from the others by an undeveloped wooded area (Figure 2-2). Following several phases of sampling environmental media at the various RECs, a feasibility study (FS) was prepared that included an evaluation of potential human health and ecological risks associated with the GSP site (Tetra Tech, 2018).

Risk assessment results revealed that several contaminants were present in GSP soil and groundwater at concentrations posing potentially unacceptable risk to construction workers and hypothetical residents. The chemicals of concern (COC) in soils included metals, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH) diesel-range organics (DRO), and polycyclic aromatic hydrocarbons (PAHs). The COCs in groundwater included trichloroethene (TCE), and TPH-DRO and gasoline-range organics (GRO).

At GSP, groundwater flow is generally to the southeast, and is consistent with regional groundwater flow that flows toward the southern tip of MSA where Frog Mortar and Stansbury Creeks converge. Localized groundwater flow at REC #11 is influenced by a drainage swale and stormwater detention basins between the wooded area and Taxiway J; groundwater there flows southwest to a wetland adjoining Stansbury Creek. The overall area of TCE-impacted groundwater at REC #11 is over 700 feet long (along groundwater flow direction) and 250 feet wide. However, the groundwater impacts in RECs #7 through #9 and in REC #11 appear to occur in several small, diffuse plumes over a broad area, and no indication of significant source areas exists.

Remedial action objectives (RAOs) were developed in the FS for the COC exceeding regulatory criteria and associated with unacceptable risk in each environmental media; for GSP, RAOs were developed for impacted groundwater and to prevent future residential exposure to site soil. Elevated TCE concentrations in groundwater at GSP required consideration of various remedial technologies, and a detailed evaluation of possible remediation approaches. These remedial alternatives were evaluated in the FS, and the preferred remedial alternative selected for GSP was Alternative G-2, which includes monitored natural attenuation (MNA) of impacted groundwater and land use controls (Tetra Tech, 2018).

2.2 2020 GSP MNA BASELINE CHARACTERIZATION

Fourteen new monitoring wells (GSP-MW-27 through GSP-MW-38) were installed at GSP in July 2020, as described in the *Greater Strawberry Point Area Monitored Natural Attenuation Baseline Characterization Report* (Tetra Tech, 2021a). These additional monitoring wells were sampled during the baseline MNA investigation and provided additional groundwater data to assess the effectiveness of the chosen remedial alternative for GSP. The monitoring well network within GSP, and the RECs that are present in that area, are shown on Figure 2-2.

Groundwater samples were collected for analysis during the baseline characterization to evaluate geochemistry and COC degradation products. Soil, groundwater, and surface water sampling were conducted throughout GSP near REC #4, and in RECs #6 through #11. This additional sampling of soil, groundwater, and surface water supported the implementation of the GSP remedial action for groundwater.

As stated earlier, the chosen alternative (Alternative G2) included land use controls and MNA groundwater sampling, which was to occur quarterly for the first 12 months (to determine baseline conditions), followed by long-term monitoring. Baseline monitoring was completed per the work plan (Tetra Tech, 2020), with the first round in July 2020, the second in November 2020, the third in February 2021, and the fourth in May 2021. Unexpected volatile organic compound (VOC) concentrations were detected during these baseline sampling rounds at newly installed monitoring well GSP-MW-28, which was meant to serve as a sentinel well for the proposed remedial alternative; these results are summarized below.

- Four VOCs (carbon tetrachloride, chloroform, *cis*-1,2-dichloroethene, and TCE) were detected during all four baseline sampling rounds.
- Carbon tetrachloride was detected at concentrations of 10 micrograms per liter ($\mu\text{g/L}$) in July 2020, 19 $\mu\text{g/L}$ in November 2020, 16 $\mu\text{g/L}$ in February 2021, and 19 $\mu\text{g/L}$ in May 2021; all concentrations exceed the Maryland Department of the Environment (MDE) groundwater cleanup standard (MDE, 2018) of 5 $\mu\text{g/L}$.
- TCE was also detected at concentrations above its MDE groundwater cleanup standard (5 $\mu\text{g/L}$) in July 2020 (22 $\mu\text{g/L}$), November 2020 (29 $\mu\text{g/L}$), February 2021 (24 $\mu\text{g/L}$), and May 2021 (28 $\mu\text{g/L}$).
- Chloroform and *cis*-1,2-dichloroethene were detected at concentrations well below their respective MDE groundwater cleanup standards.

These results at monitoring well GSP-MW-28 prompted the project team to conduct an additional groundwater investigation to determine if additional VOC impacts are present in the area upgradient of GSP-MW-28, as a data gap exists between the newly installed upgradient wells GSP-MW-27 and GSP-MW-29 (which were nondetect for VOCs) and the location of GSP-MW-28, which was installed near Stansbury Creek (Figure 2-2).

2.3 2021 GSP-MW-28 INVESTIGATION

Monitoring well GSP-MW-28, which is screened at a depth below grade of 12 to 22 feet, serves as a downgradient well in Greater Strawberry Point to monitor for possible off-site migration of groundwater constituents and potential impacts to surface water (Stansbury Creek). During the four baseline monitoring rounds, concentrations of VOCs in GSP-MW-28, including TCE and carbon tetrachloride, exceeded Maryland groundwater cleanup standards. Additional groundwater investigation was performed in 2021 to assess whether VOC impacts are present in the area upgradient of GSP-MW-28, and to help close a data gap between recently installed upgradient wells GSP-MW-27 and GSP-MW-29 (which were nondetect for VOCs) and the location of GSP-MW-28, which was installed near Stansbury Creek (Tetra Tech, 2021c).

2.3.1 Hydraulic Profiling Tool

The hydraulic profiling tool (HPT) collected continuous electrical conductivity and/or hydraulic conductivity data from 17 borings located within the GSP project area. These borings were installed hydraulically downgradient of the GSP RECs #10 and REC #11 areas, and hydraulically upgradient of the monitoring well GSP-MW-28, to evaluate the subsurface lithology as inferred through the individual HPT results and to identify potential groundwater migration pathways.

Nine HPT/direct-push technology (DPT) borings (GSP-DPT-79 through GSP-DPT-87) were completed on the southern side of Greater Strawberry Point Road, traversing east to west across the area upgradient of GSP-MW-28, downgradient of RECs #10 and 11, and perpendicular to the direction of groundwater flow. The purpose of these borings was to determine if the source of the VOCs detected in GSP-MW-28 could be associated with the RECs or any other area located north (upgradient) of Strawberry Point Road, and if so, to identify the locations and depth intervals where this plume was migrating underneath the road.

Eight additional HPT/DPT borings (GSP-DPT-88 through GSP-DPT-95) were completed in the wooded area upgradient of GSP-MW-28 and downgradient of Strawberry Point Road. The purpose of these borings was to delineate the nature and extent of VOCs in the groundwater upgradient of GSP-MW-28 and to help determine the potential VOC source(s).

The hydraulic conductivity (K) profile generated for each borehole provides an indirect indicator of the borehole lithology, as more-permeable sandier units are reflected by higher K values and less-permeable clays and silts are reflected by lower to negligible K estimates. Note that an HPT profile could not be obtained at planned location GSP-DPT-88 because this location was inaccessible to the HPT rig.

The site stratigraphy available from the cross sections illustrates a high degree of heterogeneity in both vertical and lateral lithology in subsurface soil at GSP. Within each boring, discrete zones of higher permeability are vertically separated by extended zones of lower permeability. The sandier (higher permeability) zones are laterally continuous to varying extents, but none are laterally continuous across the entire project area. This lithologic heterogeneity was formed by and is characteristic of fluvial-deltaic depositional sequences and paleoenvironments that have been investigated and interpreted at the adjacent Lockheed Martin Middle River Complex. An understanding of the three-dimensional distribution of the sand intervals is important because they represent the principal migration pathways for the groundwater and the associated dissolved-phase VOC plume.

2.3.2 Direct-Push Technology Groundwater Screening

Zones of higher conductivity were targeted for discrete groundwater sampling to develop a high-resolution vertical profile of the chemical stratigraphy at GSP, and to further investigate the nature and extent and the potential migration pathways of the VOCs.

Discrete samples for vertical groundwater quality profiling at each location were obtained from the DPT borings by low-flow pumping through a stainless-steel probe fitted with a one-foot screen. These aqueous samples were submitted to an offsite laboratory (Eurofins [TestAmerica], in Canton, Ohio) for VOC analysis.

Thirteen different VOCs (not counting speciation of xylenes) were identified in groundwater samples. Groundwater samples were successfully obtained from most intervals targeted for sampling; a sample could not be obtained from the deepest (25 to 35 feet below ground surface [bgs]) interval at GSP-DPT-79 because the rig could not penetrate the thick impermeable clay zone identified via HPT at 15 to 25 feet bgs.

TCE and carbon tetrachloride were the VOCs of concern identified in this investigation. TCE was detected in 19 of 38 samples with concentrations ranging from 0.5J micrograms per liter ($\mu\text{g/L}$) to 690 $\mu\text{g/L}$. Carbon tetrachloride was detected in 11 of 38 samples with concentrations ranging from 0.47J $\mu\text{g/L}$ to 40 $\mu\text{g/L}$.

The results of the investigation in the area around well GSP-MW-28 completed in July 2021 indicated that VOC plume(s), primarily containing TCE and carbon tetrachloride, are emanating from an area upgradient of Strawberry Point Road at a location either at, or hydraulically downgradient, from REC #10 or REC #11. The discrete detections of the VOCs and their lack of significant lateral or vertical dispersion indicated that they may originate from different sources, that the distance to these sources is close enough that significant dispersion of the plumes has not occurred, and/or that plume migration is constrained to discrete migration pathways. The concentrations of TCE and carbon tetrachloride were not significantly greater than those detected in existing monitoring wells, including GSP-MW-28, and therefore are not likely to change the recommended remedial approach for GSP groundwater. However, further delineation of contaminant concentrations was considered necessary (Tetra Tech, 2021c). This report describes work performed to install additional monitoring wells to support TCE characterization in groundwater in the area upgradient of well location GSP-MW-28.

SECTION 3 INVESTIGATION APPROACH AND METHODOLOGY

3.1 SITE ACCESS, NOTIFICATIONS, PERMITS, AND UTILITY CLEARANCE

Before starting any field work, the assigned Tetra Tech, Inc. (Tetra Tech) field personnel reviewed the site health and safety plan (HASP) (Tetra Tech, 2021b) and the respective “Safe Work” permits and emergency response plan included in the HASP. Tetra Tech conducted mandatory health and safety tailgate meetings before each day’s fieldwork. The Tetra Tech site health and safety officer documented the topics covered and personnel in attendance. Tetra Tech also followed the most current *Waste Management Plan* (WMP) while performing work associated with this investigation (Tetra Tech, 2022b).

Before starting field work, all required permits and utility clearances necessary to conduct the proposed field activities were secured. Tetra Tech performed the following site access tasks:

- notified property tenants including Maryland Aviation Administration (MAA), Maryland State Police, and Baltimore County Marine Police
- notified the underground utility location center Miss Utility (1-800-257-7777; www.missutility.net) of proposed work
- followed Enterprise Operations-28 and *Lockheed Martin Minimum Requirements for Intrusive Fieldwork Work Plans* (2014), reviewed and signed the risk handling checklist, completed the digging authorization form, and obtained the required signatures (activities described in this report did not occur on Lockheed Martin property; therefore, signatures of Lockheed Martin representatives were obtained at the discretion of the approving personnel)
- completed the building permit and the digging authorization through MAA; the airport zoning permit was not necessary as all work was completed in the woods out of the airport runway area
- subcontracted a private utility locating firm (RETTEW) to identify subsurface utilities/anomalies, who provided a full report of the utility clearance to document the

survey, conducted a permitting meeting, and performed a site walk with appropriate Martin State Airport (MSA)/MAA personnel

- performed limited clearing of vegetation (as required), although drilling locations were selected to coincide with the access roads in the area

Utility clearance documents including the dig permit, RETTEW utility clearance report, Miss-Utility ticket, and approved MAA permits are included in Appendix A.

3.2 FIELD METHODOLOGY

3.2.1 Monitoring Well Installation

Tetra Tech installed, developed, and surveyed seven new monitoring wells utilizing a Maryland-licensed driller, including four shallow aquifer wells (GSP-MW-40, GSP-MW-41, GSP-MW-43, and GSP-MW-44) and three intermediate aquifer wells (GSP-MW-42I, GSP-MW-45I, and GSP-MW-46I) on July 6-13, 2022, and on November 1-3, 2022 (Figure 3-1). Table 3-1 provides monitoring well construction details for the seven monitoring wells. Soil cores were continuously collected during rotosonic drilling for soil screening, including lithologic characterization, visual observations (e.g., staining, discolorations, etc.), and odor detection. Soil samples were screened for volatile organic compounds (VOCs) using a portable photoionization detector (PID) and a consistent headspace-screening methodology (e.g., sealable plastic bag technique). A qualified Tetra Tech field geologist performed lithologic logging. All pertinent information, including boring location, soil/lithology descriptions, and PID readings were recorded on a soil boring log form and in the field logbook. Boring logs are included as Appendix B.

3.2.1.1 Well Construction

Groundwater monitoring wells were constructed of two-inch diameter, flush-threaded Schedule-40 polyvinyl chloride (PVC) well casing with a manufactured PVC well-screen. Monitoring well GSP-MW-40 was installed with a five-foot-long screen, while the remaining wells were installed with 10-foot-long screens; all screens had 0.010-inch “wire-wrapped” openings. Nested well pairings include GSP-MW-40 with GSP-MW-42I, and GSP-MW-43 with GSP-MW-45I, all other wells were standalone monitoring wells. A sand filter-pack of washed #1 filter sand was placed around each well screen and up to at least two feet above the top of the screen. Following placement

of the sand pack, the wells were pre-developed using the drill rig and a combination of surging and air lifting to settle the sand pack around the well screens.

A two-foot-thick bentonite seal was installed above the sand pack using bentonite pellets and was allowed to hydrate during installation. Project-approved water was used to hydrate the bentonite when it was necessary to do so. The bentonite was vibrated in place using the sonic drill stem to promote pellet hydration and settlement. Grout, consisting of Type II Portland cement and powdered bentonite, was placed above the bentonite seal to approximately two feet below grade. Grout was made by mixing a 94-pound bag of Type II Portland cement, six pounds of powdered sodium bentonite, and no more than nine gallons of water per bag of cement. The relative thicknesses of the bentonite seal, surface seal, and grout were adjusted to accommodate the well depth relative to ground surface.

A protective, locking, flush-mounted well cover was secured over each well casing to protect the wells located in grassy areas (including GSP-MW-40, GSP-MW-41, and GSP-MW-42I), while protective steel stick-up casings were installed at monitoring wells located in heavily wooded areas (including GSP-MW-43, GSP-MW-44, GSP-MW-45I, and GSP-MW-46I). For flush mounted wells, the PVC well casing was cut below grade and made watertight by installing a locking, expandable, sanitary seal in the well casing top. For stickup wells, the PVC well casing was cut to 2-3 inches below the stickup casing lid to ensure the lid could properly close when fitted with a locking, expandable, sanitary seal in the well casing top. Concrete was installed above the grout in the annular space between the well borehole and outer well casing, and up to approximately six-inches below grade, to provide a surface seal for the well, and to provide support for the flush-mounted cover. The flush-mount covers were set in a two-square-foot concrete pad. Filter sand was placed in the annular space of each stickup monitoring well installed.

Well construction details were recorded in the field logbook and electronically using *gINT professional* software. Completed well construction logs are included with the boring logs in Appendix B.

3.2.1.2 Well Development

After installation, the wells were developed to remove fines from the well filter pack and casing, and to ensure a hydraulic connection between the well and the geologic formation. The wells were first developed by hand bailing to remove the heavier sediment that may have accumulated in the bottom of the wells, and then by gentle surging and purging with a submersible pump to remove fines and sediment from the sand packs and well screens. Development began at the bottom of the well screens and proceeded incrementally upwards to the top of the screened intervals, and then back down to the bottom of the wells.

During well development, water level drawdown measurements and groundwater parameters (including pH, temperature, specific conductance, dissolved oxygen [DO], oxidation-reduction potential [ORP], and turbidity) were collected every five minutes until pumping was complete. Data for these parameters were recorded in the appropriate site-specific logbook and on well development records. Water quality parameters were measured using a Horiba U-52 water quality meter. Turbidity readings were collected using a separate LaMotte 2020e turbidity meter (due to the instability of turbidity meters on multi-meters) and recorded in the field logbook and on well development records. Well development results are summarized in Section 4. All development water was collected in United States Department of Transportation (USDOT)-approved, properly labeled, 55-gallon steel drums situated on a secondary containment pad located near the maintenance building at GSP. Well development logs are included in Appendix C.

3.2.2 Survey of Newly Installed Monitoring Wells

The highest point on the top of the polyvinyl chloride well casing was marked using an indelible marker. A professional Maryland-licensed field surveyor from Precision Survey and Mapping, LLC surveyed the site to provide the horizontal and vertical coordinates of each new well on July 27, 2022 and on November 10, 2022. All measurements were surveyed from the top of each well casing. Surveyed locations are accurate to the nearest 0.01 foot for vertical elevations in the North American Vertical Datum 1988, and to the nearest 0.1-foot horizontal coordinates in the North American Datum 1983, epoch 2011. Ground elevations at the wells were surveyed within a vertical accuracy of 0.1 foot. The survey summary report is provided in Appendix D.

3.3 WASTE MANAGEMENT

Investigation-derived waste (IDW) consisting of all soil cuttings, decontamination rinse water, well development water, tubing, and personal protective equipment (PPE) was generated or used during the investigation. PPE and tubing IDW were placed in trash bags and placed in a facility trash receptacle to be disposed of as general refuse.

Soil cuttings and water were collected and stored in new USDOT-approved 55-gallon steel drums. Nine drums of soil and 12 drums of water (development and decontamination water) were generated during the July 2022 effort. Additionally, 3 drums of water (development and purge) and 2 drums of soil (MW-46I reinstall soil cuttings) were generated in November 2022. All drums were appropriately labeled with relevant site information and a description of contents and were logged on a drum inventory form. The drums were transferred to secondary containment pads in the drum staging area (located near the maintenance building at GSP) as identified by Lockheed Martin personnel. Samples of IDW were collected for characterization and submitted for analysis per the Waste Management Plan (Tetra Tech, 2022b) of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), toxicity characteristic leaching procedure (TCLP) metals, ignitability, and per-and polyfluoroalkyl substances (PFAS) (water IDW only).

All waste was profiled based on waste characterization analytical results, with each profile characterized as non-hazardous waste. Nine drums of soil and twelve drums of water generated in July 2022 were removed from the site by Clean Harbors on October 3, 2022. The water drums were shipped to the Clean Harbors El Dorado, Arkansas disposal facility and the soil drums were shipped to the Clean Harbors Chattanooga, Tennessee facility. Three drums of water and two drums of soil generated in November 2022 were removed from the site by Clean Harbors on December 2, 2022. The water drums were shipped to the Clean Harbors El Dorado, Arkansas disposal facility, while the soil drums were shipped to the Clean Harbors Spring Grove, Ohio facility. The drums containing IDW were disposed of in accordance with applicable state and federal regulations. Tetra Tech oversaw the IDW subcontractor performing drum removal and transportation and signed waste bills-of-lading with signature authority provided by Lockheed Martin. At the writing of this report, the waste has been removed from the site but the certificates

of disposal for the November 2022 soil drums are not yet available. Waste characterization and preliminary disposal documentation is provided in Appendix E.

SECTION 4 WELL INSTALLATION SUMMARY

Seven monitoring wells were installed to targeted depths at Greater Strawberry Point, including four wells installed in the shallow aquifer and three wells in the intermediate aquifer. The newly installed wells were at locations that will assist with the ongoing trichloroethene (TCE) investigation in the vicinity of monitoring well GSP-MW-28 near Stansbury Creek.

As summarized on Table 4-1, all wells except GSP-MW-40 and GSP-MW-46I ran clear, were purged at greater than 300% of the wells' volumes and exhibited final turbidity of less than 45 nephelometric turbidity units (NTUs) upon completion of development. Well GSP-MW-40 was purged dry four times over a span of five days (allowing for % recharge to 80% of the static water level), was purged at greater than 300% of its volume, and was developed for 2 hours. However, GSP-MW-40 did clear up to acceptable turbidity values during sampling.

GSP-MW-46I was installed to a total depth of 55 feet below ground surface (bgs). Upon initial well development, the total depth was noted to be 48 feet bgs, indicating that 7 feet of sand had entered the well. The well was developed on four occasions over a span of three weeks to determine its soundness, as continued sand intrusion indicated the well casing may have been compromised. Sand was removed via bailer and pumping/surging during each day of well development, on July 14, 15, 18, and 25, 2022. On the last date of development, the total depth of the well was noted to be 38 feet bgs, indicating 17 feet of sand was in the well casing. The well was deemed damaged and required abandonment and replacement. The drilling contractor returned to the site on November 1, 2022 to complete well abandonment of GSP-MW-46I. The replacement well was installed on November 2, 2022 and was satisfactorily developed on November 3, 2022. Supporting field documentation for the replacement monitoring well is included in the aforementioned appendices.

Groundwater sampling was conducted at the new monitoring wells installed, as well as existing monitoring wells, consistent with the *Greater Strawberry Point Trichloroethene Characterization*

Work Plan (Tetra Tech, 2022a) in August 2022. An additional round of sampling was conducted in November 2022 after GSP-MW-46I was abandoned and replaced. A subset of seven wells (GSP-MW-28, GSP-MW-40, GSP-MW-41, GSP-MW-43, GSP-MW-44, GSP-MW-45I, and GSP-MW-46I) were sampled for VOCs only in November 2022.

The results of these sampling events are discussed in the next section. Data validation, consisting of data completeness, holding time, calibrations, laboratory and field blank contamination, surrogate recoveries, blank spike recoveries, matrix spike recoveries, field duplicate precision, and detection limits, was completed concurrent with the data evaluation. Data validation reports are included as Appendix F, and full laboratory reports are included as Appendix G. Chemical data was reviewed in accordance with established USEPA protocols to assess the reliability and accuracy of the data. This review was based on the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020) and the specifics of the analytical method used.

The data validation reports for groundwater and surface water samples reported detected results below the reporting limit (RL) but above the method detection limit (MDL) as estimated (*J*). Data validation concluded that these data are acceptable for their intended uses. The data qualifiers (i.e., flags) applied to the chemical results during data validation are listed below:

- J* The analyte is considered present in the sample, but the value is estimated and may not meet highest accuracy or precision standards. In this program, samples were also qualified with “*J*” because quantitation was above the method detection limit but below the laboratory reporting-limit.
- U* Not detected; the analyte was not detected at the reported value.
- UJ* The analyte was not detected. However, the quantitation or detection limit may be inaccurate or imprecise.

All data qualifiers are noted in Appendix F.

SECTION 5 RESULTS

Section 5 describes investigation results from the groundwater sampling performed in July-August 2022 and in November 2022.

5.1 GROUNDWATER ELEVATION MEASUREMENTS - JULY 2022

A synoptic water level survey was conducted at five pre-existing monitoring wells (GSP-MW-27 through GSP-MW-31) and the seven newly installed monitoring wells (GSP-MW-40 through GSP-MW-46I) on July 25, 2022. Water levels were measured with an electronic water level meter to 0.01-foot accuracy. All down-well components of the measuring device were decontaminated before measuring water levels within a well, and between wells. Synoptic water level readings and groundwater elevations for August 2022 are shown on Table 5-1.

5.2 GROUNDWATER SAMPLING – AUGUST 2022

Groundwater samples were collected using low-flow methods (peristaltic pump) from the seven newly installed wells, and from five pre-existing GSP monitoring wells (GSP-MW-27 through GSP-MW-31) on August 1-4, 2022. Groundwater quality parameters (pH, temperature, conductivity, oxidation-reduction potential [ORP], dissolved oxygen [DO], and turbidity) were monitored using a Horiba U-52 Water Quality Meter and recorded every five minutes. All sampling data was recorded in the site-specific logbook and appropriate field forms (included as Appendix H). Purging continued until parameters had stabilized, or for 90 minutes, whichever occurred first. Stabilization was achieved when three consecutive readings were within ± 0.1 pH units, ± 3 percent for conductivity, ± 10 millivolts (mV) of ORP, and ± 10 percent for turbidity. Groundwater samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260; haloacetic acids (USEPA Method 522); and natural attenuation parameters, consisting of nitrate, nitrite, ammonium, nitrogen, phosphate, sulfate, total alkalinity, dissolved organic carbon, total iron, total calcium, total manganese, total potassium, total magnesium, total chloride, total silica, and total dissolved

solids by USEPA SW846 methods. Methane, ethane, and ethene (MEE) were analyzed using Microseeps[®] AM 20GAX.

A statistical summary of August 2022 groundwater analytical data is reported in Table 5-2, while groundwater detections (as compared to MDE cleanup standards) are reported in Table 5-3.

GSP-MW-46I (later found to be damaged) was initially sampled for all analytes described above. However, the project team decided to cancel the analyses performed on the sample collected from this well as the analytical results could be biased due to the well's compromised state. Various analytes were already completed by the lab prior to cancellation and therefore partial results are available from MW-46I in August (including MEE, total metals, chloride, nitrate, nitrite, and sulfate). Note that in the discussion below, since all monitoring well designations share the prefix of "GSP," that portion is omitted from the identified for easier reading (e.g., well GSP-MW-44 is referred to as MW-44).

5.2.1 Volatile Organic Compound Results

Eleven volatile organic compounds were detected in at least one of the 11 monitoring wells sampled for VOCs, with the most notable detections at MW-44, which yielded a trichloroethene (TCE) concentration of 2,500 micrograms per liter ($\mu\text{g/L}$) and MW-45I, which yielded a TCE concentration of 120 $\mu\text{g/L}$ (Tables 5-2 and 5-3). TCE and carbon tetrachloride were the only VOCs with sample concentrations detected above their specific MDE groundwater cleanup standards (5 $\mu\text{g/L}$ for each). The detected concentrations of TCE from MW-44 (2,500 $\mu\text{g/L}$), MW-45I (120 $\mu\text{g/L}$), MW-40 (97 $\mu\text{g/L}$), and MW-28 (28 $\mu\text{g/L}$) exceeded the MDE groundwater screening level for TCE (5 $\mu\text{g/L}$). Additionally, detected concentrations of carbon tetrachloride from MW-28 (17 $\mu\text{g/L}$), MW-43 (14 $\mu\text{g/L}$), and MW-41 (6.5 $\mu\text{g/L}$) also exceeded its MDE groundwater screening level (5 $\mu\text{g/L}$). All other VOCs were detected at concentrations below their respective MDE screening levels. TCE results detected in groundwater in August 2022 are shown graphically on Figure 5-1.

5.3 NATURAL ATTENUATION PARAMETERS

Twelve monitoring wells were sampled for natural attenuation parameters including alkalinity, ammonia, chloride, dissolved organic carbon (DOC), nitrate, nitrite, orthophosphate, sulfate, and

total dissolved solids. Field measurements, including pH, ORP, DO, and ferrous iron, are also included in the natural attenuation evaluation. MW-46I was damaged, so the sampling and analysis of all parameters was not completed. Natural attenuation parameters are measured in an aquifer to predict or assess the capacity for reductive dechlorination and are often collected over several rounds to evaluate trends or to monitor progress. For GSP, the natural attenuation parameters will be monitored for at least one more round to help establish aquifer conditions over a representative period. For example, increasing alkalinity concentrations may suggest microorganisms are actively metabolizing (biodegrading) volatiles. A preliminary discussion of select natural attenuation results organized by well depths is provided below. However, a more qualitative analysis of the natural attenuation parameters will be done following additional monitoring round(s).

5.3.1 Shallow Wells

This group consists of wells less than 25 feet deep and includes, in an upgradient to downgradient direction, wells MW-31, MW-29, MW-40, MW-41, MW-43, and MW-28. However, based on groundwater contour figures, wells MW-31 and MW-29 are not directly upgradient of the other wells and should be considered background wells. The following discussion focusses on the four downgradient wells: MW-40, MW-41, MW-43, and MW-28.

TCE and carbon tetrachloride are the primary chemicals of concern (COC) in groundwater and are present at concentrations greater than the residential preliminary remediation goals (PRGs). The VOC results suggest that reductive dechlorination has occurred or is occurring. For example, at MW-40, the TCE concentration was 97 µg/L, and the cis-1,2-dichloroethene (cDCE; a breakdown product of TCE) concentration was 24 µg/L, although vinyl chloride (VC; a breakdown product of cDCE) was not detected. Similarly, at MW-28, the TCE concentration was 28 µg/L, and the cDCE concentration was 45 µg/L, although VC was not detected. Also, at MW-28, the carbon tetrachloride concentration was 17 µg/L, and the chloroform concentration was 3.4 µg/L. Carbon tetrachloride concentrations at MW-41 and MW-43, were 6.5 µg/L and 14 µg/L, respectively, and the chloroform concentrations were 2.6 µg/L and 4 µg/L, respectively. MEE concentrations in wells were very low and not indicative of significant anaerobic activity. The alkalinity of groundwater at MW-40 (81 milligrams per liter [mg/L] as calcium carbonate [CaCO₃]) was much higher than background, suggesting biological activity. However, the alkalinity at the other three

wells was very low. The ferrous iron concentrations at MW-40, MW-41, and MW-43 were greater than 1 mg/L, suggesting reducing conditions, but the ferrous iron concentration as well as the total iron concentration at MW-28 were less than detection limits. Total manganese concentrations covered a narrow range and were similar to background. Sulfate concentrations greater than 20 mg/L in MW-40 and MW-43 could inhibit reductive dechlorination. On the other hand, low sulfate concentrations in MW-41 and MW-28 suggest anaerobic reducing conditions that degraded sulfate. Dissolved oxygen concentrations were all less than 0.1 mg/L, which is favorable for anaerobic biological activity.

Dissolved organic carbon (DOC) concentration were less than 5 mg/L in all wells indicating an absence of an electron donor, which is not favorable for reductive dechlorination. ORP ranged from -4 mV to 295 mV which is not favorable for reductive dechlorination. The pH range was 4.61 to 5.71, which is generally out of the range favorable for reductive dechlorination (5 to 9).

5.3.2 Deep Wells

This group consists of wells greater than 25 feet deep and includes wells (in an upgradient to downgradient direction) MW-30, MW-27, MW-42I, MW-44, MW-45I, and MW-46I. However, based on groundwater contour figures, MW-30 and MW-27 are not directly upgradient of the other wells, and should be considered background wells. The following discussion focusses on the four downgradient wells, MW-42I, MW-44, MW-45I, and MW-46I.

TCE and carbon tetrachloride are the primary COC in groundwater and are detected at concentrations greater than the residential PRGs. The VOC results suggest that reductive dechlorination has occurred, but to a lesser degree as compared to the shallow wells. For example, at MW-45I, the TCE concentration was 120 µg/L, the cDCE concentration was 0.49J µg/L, and the chloroform concentration was 8.6 µg/L, although VC was not detected. Similarly, at MW-46I, the TCE concentration was 1.3 µg/L, and the chloroform concentration was 1.1 µg/L. However, at MW-44, the TCE concentration was 2,500 µg/L, but no daughter products were detected. No COC or daughter products were detected in MW-42I. Ethane and ethene concentrations in MW-45I and MW-46I suggest anaerobic dechlorination of TCE. However, methane concentrations in all wells, and ethane and ethene concentrations in the other wells, were low and not indicative of significant anaerobic activity. The alkalinity at MW-45I (61 mg/L as CaCO₃) was much higher than

background, suggesting biological activity. However, the alkalinity of the other three wells was low. The ferrous iron concentrations at all four wells were greater than 1 mg/L suggesting reducing conditions. Total manganese concentrations in MW-42I and MW-44 were similar to background, but the concentrations in MW-45I and MW-46I are several times those concentrations, suggesting favorable concentrations for anaerobic dechlorination at these wells. Sulfate concentrations were less than 20 mg/L in MW-42I, MW-45I, and MW-46I, and was 21 mg/L in GSP-MW-44, which would not inhibit reductive dechlorination, and also suggests anaerobic reducing conditions that degraded sulfate.

ORP values were split between unfavorable and favorable. At MW-42I and MW-44, ORPs were 67 mV and 52 mV, respectively, but for MW-45I and MW-46I, ORPs were -112 mV and -161 mV, respectively. The pH range was 5.2 to 6.9 which is within the favorable range for reductive dechlorination (5 to 9). DO concentrations were all 0 mg/L, which is favorable for anaerobic biological activity.

DOC concentration were less than 5 mg/L in all wells indicating an absence of an electron donor, which is not favorable for reductive dechlorination. Toluene was detected at MW-42I (0.99J µg/L) and at MW-45I (2.3 µg/L), suggesting that an electron donor source may have been present. No other specific hydrocarbons were detected.

5.3.3 Natural Attenuation Conclusions

In the shallow wells, although VOC results indicate that reductive dechlorination has occurred, and several positive indicators for natural attenuation are apparent, the overall conditions as indicated by DOC, ORP, and pH are not very favorable for significant natural attenuation.

In the deep wells, VOC results indicate that reductive dechlorination has occurred at MW-45I and MW-46I, but not at MW-42I and MW-44. Many positive indicators for natural attenuation were apparent at MW-45I and MW-46I, but fewer positive indicators of natural attenuation were present at MW-42I and MW-44.

5.4 GROUNDWATER ELEVATION MEASUREMENTS – NOVEMBER 2022

A synoptic water level survey was conducted at all existing GSP monitoring wells (46 wells) on November 16, 2022, except for MW-12 and MW-18, which were covered by large dumpsters and/or equipment. Water levels were measured with an electronic water level meter to 0.01-foot accuracy. All down-well components of the measuring device were decontaminated before measuring water levels at the first well, and in-between wells. Synoptic water level readings and groundwater elevations from November 2022 are shown on Table 5-4. Groundwater elevation contour maps were constructed for two subsurface depth intervals (less than 25 feet bgs and greater than 25 feet bgs) to prevent the site's vertical hydraulic gradient from interfering with the interpretations of lateral flow direction. The groundwater elevation contour interpretations for November 2022 are shown on Figures 5-2 and 5-3, respectively.

5.5 GROUNDWATER SAMPLING – NOVEMBER 2022

Groundwater samples were collected using low-flow methods (peristaltic pump) from seven monitoring wells in the MW-28 area, including the reinstalled well MW-46I, on November 16-17, 2022. Groundwater quality parameters (pH, temperature, conductivity, ORP, DO, and turbidity) were monitored using a Horiba U-52 water quality meter and recorded every five minutes. All sampling data was recorded in the site-specific logbook and appropriate field forms (included as Appendix H). Purging continued until parameters had stabilized or for 90 minutes, whichever occurred first. Stabilization was achieved when three consecutive readings were within ± 0.1 pH, ± 3 percent for conductivity, ± 10 mV of ORP, and ± 10 percent for turbidity. Groundwater samples were analyzed for VOCs by USEPA Method 8260 only.

5.5.1 Volatile Organic Compound Results

Four volatile organic compounds (TCE, carbon tetrachloride, chloroform, and cis-1,2-DCE) were detected in at least one of the seven monitoring wells sampled, with the most notable detections at MW-44, with a TCE concentration of 3,200 $\mu\text{g/L}$ and MW-40, with TCE at 110 $\mu\text{g/L}$. TCE and carbon tetrachloride were detected at concentrations above their MDE groundwater cleanup standards (5 $\mu\text{g/L}$ for each) in several samples. TCE at MW-44 (3,200 $\mu\text{g/L}$), MW-40 (110 $\mu\text{g/L}$), MW-45I (34 $\mu\text{g/L}$), MW-28 (28 $\mu\text{g/L}$), and MW-41 (22 $\mu\text{g/L}$) exceeded its MDE groundwater

cleanup standard. Additionally, carbon tetrachloride at MW-28 (17 µg/L), and MW-43 (5.6 µg/L) exceeded the MDE groundwater cleanup standard. cDCE was detected above its MDE groundwater cleanup standard (70 µg/L) at MW-40 with a concentration of 340 µg/L. All other VOCs were detected at concentrations below their respective MDE cleanup standards. The reinstalled well MW-46I yielded low concentrations of TCE and carbon tetrachloride (1.3 µg/L and 1.1 µg/L, respectively). TCE results in November 2022 groundwater samples collected at GSP are shown on Figure 5-1.

5.6 HYDROGEOLOGY

The site's hydrogeologic interpretation has been revised to incorporate the hydraulic and chemical data obtained through the installation and sampling of the seven new monitoring wells. A general and initial interpretation of the site's environmental sequence stratigraphy (ESS) is also included to broadly delineate potential VOC migration pathways and possible source area(s) for the TCE detected in the monitoring wells south of Strawberry Point Road.

5.6.1 Lithology and Stratigraphy

The site lithology and stratigraphy are illustrated in the hydrogeologic cross-section (Figure 5-4). The lithology directly observed in the soil borings is similar to the predicted lithology that was inferred by the formation's hydraulic responses observed during the MW-28 HPT investigation (Section 2.3.1). The new cross-section illustrates a high degree of heterogeneity in both vertical and lateral lithology in the subsurface sediments. Within each boring, discrete zones of coarser-grained and higher permeability sediments are vertically separated by extended zones of finer-grained and lower permeability sediments. The coarser-grained zones of higher permeability are laterally continuous to varying extents, but none are laterally continuous across the entire project area. This lithologic heterogeneity was formed by and is characteristic of fluvial-deltaic depositional sequences and paleoenvironments that have been investigated and interpreted at the adjacent Lockheed Martin Middle River Complex. An understanding of the three-dimensional distribution of the sand intervals is important because they represent the principal migration pathways for the groundwater and the associated dissolved-phase VOC plume(s).

The cross-section on Figure 5-4 also illustrates a very general and initial attempt at constructing the site's ESS interpretation. Four potential sequence boundaries (times marking the lowering of sea level and the rejuvenation of fluvial systems) are illustrated on the figure. The depths and three-dimensional delineation of the sequence boundaries are potentially useful at the site because they are often overlain by the coarser-grained and higher permeability sediments of the rejuvenated or higher-energy fluvial depositional systems and principal groundwater migration pathways discussed above.

5.6.2 Groundwater Flow Direction

The lateral directions of groundwater flow are interpreted for the depth intervals of less than 25 feet below ground surface ("shallow groundwater", Figure 5-2) and greater than 25 feet below ground surface ("deeper groundwater", Figure 5-3) using the groundwater level data collected from the site-wide synoptic measurement round in November 2022. Based on these interpretations, the groundwater at GSP originates in the eastward (upgradient, or towards the runway) area of the site and flows in a generally westward direction towards Stansbury Creek, but the flow direction is not constant and ranges from the northwest to southwest due to variations in the local groundwater flow patterns. Therefore, the precise origin of the groundwater sampled from any particular well cannot be identified.

Groundwater flow in the shallow zone is characterized by a northwest-to-southeast trending groundwater divide located near the runway (Figure 5-2). Groundwater east of the divide flows to the east, or towards Frog Mortar Creek. The hydraulic gradient is steepest along the divide and lessens in the downgradient directions. Groundwater west of the divide flows to the west, or towards Stansbury Creek and the TCE detections at GSP that are the subject of this investigation. The interpreted groundwater "low" or "valley" that trends east-west or perpendicular to the highest elevations of the groundwater divide potentially reflects the existence of a paleochannel consisting of higher-permeability sediments. If so, the paleochannel could reflect a preferred groundwater (and VOC) migration pathway at the site.

Groundwater flow in the deep zone is similarly characterized by a groundwater divide (Figure 5-3) that is oriented in a more east-west direction than the shallow zone. Groundwater north of the divide generally flows to the north, and groundwater south of the divide flows toward the south,

or towards Stansbury Creek. The hydraulic gradient along the divide is less steep in the deep zone as compared to the shallow zone.

The vertical distribution of hydraulic head and the vertical component of groundwater flow can be interpreted from the hydrogeologic cross-section (Figure 5-4). The vertical direction of groundwater flow is variable. In the northern and upgradient portion of the site (near monitoring wells MW-27 and MW-29) the vertical gradient is oriented upward as groundwater flow converges into the probable paleochannel, as also depicted in the contour map for lateral flow in the shallow groundwater zone (Figure 5-2). Throughout most of the site, the vertical gradient is oriented downward. The vertical gradient reverses and is strongly upward in the vicinity of monitoring wells MW-46I and MW-28, or adjacent to Stansbury Creek, and reflects the discharge of groundwater into the creek.

5.6.3 Groundwater Plume and VOC Distribution

The principal VOCs in the project area groundwater are TCE and carbon tetrachloride (see Section 5.4). The lateral distributions of these compounds south and west of Strawberry Point Road are illustrated on Figure 5-1 and the vertical distributions along the site cross-section are illustrated on Figure 5-4.

The distribution and concentration of TCE and carbon tetrachloride in the new monitoring wells suggest the presence of a local and unidentified source area for the compounds. Although both TCE and carbon tetrachloride are detected at areas upgradient of the new monitoring wells, the groundwater flow directions and groundwater migration pathways (as currently interpreted) and the nature and extent of the VOCs (especially their lateral distribution and concentrations) do not suggest a potential migration pathway from the defined source areas to these new monitoring wells. In addition, the concentration of TCE detected in monitoring well MW-44 (3,200 µg/L) is one order of magnitude greater than any TCE concentration detected elsewhere, which is not consistent with the model of a plume emanating from upgradient areas and migrating as a dissolved phase with the groundwater.

5.7 MNA REMEDY MODIFICATIONS

The additional characterization presented in this report indicates that although a localized source of TCE and carbon tetrachloride appears to be present at GSP, the selected remedy of monitoring natural attenuation (MNA) continues to be protective of receptors in Stansbury Creek based on low concentrations of TCE and carbon tetrachloride detected in groundwater near the creek and the absence of detectable concentrations of these compounds in the creek. However, monitoring wells MW-40, MW-44, MW-45I, and MW-46I will be added to the comprehensive MNA monitoring plan. Future results will be interpreted relative to the overall site hydrogeology and will be used to assess the continued efficacy of the MNA remedy at the site.

SECTION 6 REFERENCES

- Lockheed Martin Corporation (Lockheed Martin), 2009. *Energy, Environment, Safety, and Health (EESH) Remediation Waste Management Procedure No: EROP-03, Revision 4 effective April 17, 2009.*
- Lockheed Martin Corporation (Lockheed Martin), 2014. *Lockheed Martin Minimum Requirements for Intrusive Fieldwork Work Plans.*
- Maryland Department of the Environment (MDE), 2018. *State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, Interim Final Guidance Update No. 3.* October.
- Tetra Tech, Inc. (Tetra Tech), 2008. *Historical Data Review for Strawberry Point Facility, Martin State Airport: Middle River, Maryland,* Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. September.
- Tetra Tech, Inc. (Tetra Tech), 2018. *Greater Strawberry Point Feasibility Study,* Martin State Airport, Middle River, Maryland, September.
- Tetra Tech, Inc. (Tetra Tech), 2020. *Greater Strawberry Point Monitored Natural Attenuation Baseline Characterization Work Plan, Martin State Airport: Middle River, Maryland.* Work Plan prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. May.
- Tetra Tech, Inc. (Tetra Tech), 2021a. *Greater Strawberry Point Monitored Natural Attenuation Baseline Characterization Report, Martin State Airport: Middle River, Maryland.* Report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. February.
- Tetra Tech, Inc. (Tetra Tech), 2021b. *Health and Safety Plan, Martin State Airport: Middle River, Maryland.* Report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. September.
- Tetra Tech, Inc. (Tetra Tech), 2021c. *Greater Strawberry Point Monitoring Well GSP-MW-28 Area Investigation Report, Martin State Airport: Middle River, Maryland.* Report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. December.

Tetra Tech, Inc. (Tetra Tech), 2022a. *Trichloroethene Characterization Work Plan, Greater Strawberry Point, Martin State Airport: Middle River, Maryland*. Report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. March.

Tetra Tech, Inc. (Tetra Tech), 2022b. *2022 Waste Management Plan, Martin State Airport: Middle River, Maryland*. Report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. April.

United States Environmental Protection Agency (USEPA), 2020. *National Functional Guidelines for Organic Superfund Methods Data Review*. OLEM 9240.0-51. EPA 540-R-20-005. November.

FIGURES

-
- Figure 1-1 Greater Strawberry Point Site Location Map**
- Figure 2-1 Location of Strawberry Point and Greater Strawberry Point**
- Figure 2-2 Groundwater Monitoring Network, Greater Strawberry Point**
- Figure 3-1 Monitoring Wells Installed July 2022, Greater Strawberry Point**
- Figure 5-1 Trichloroethene Sampling Results at Greater Strawberry Point, August and November 2022**
- Figure 5-2 Groundwater Elevations at Greater Strawberry Point for Wells Screened < 25 Feet Below Ground Surface, November 2022**
- Figure 5-3 Groundwater Elevations at Greater Strawberry Point for Wells Screened > 25 Feet Below Ground Surface, November 2022**
- Figure 5-4 Cross-Section A-A'**



Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2020 ESRI and its data suppliers).

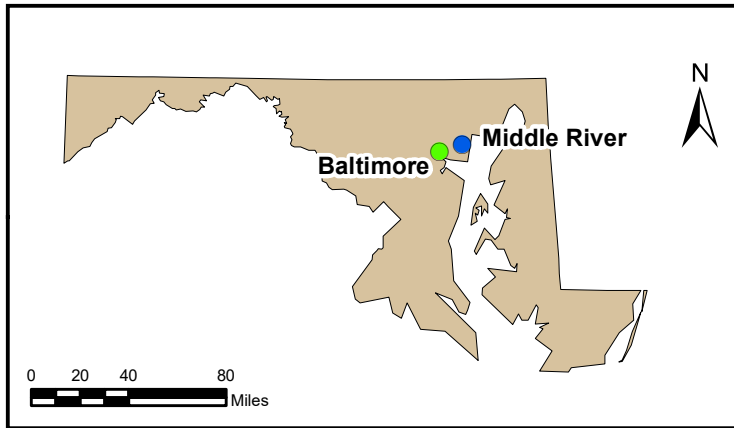


FIGURE 1-1

**GREATER STRAWBERRY POINT
SITE LOCATION MAP**

*Lockheed Martin, Martin State Airport
Middle River, Maryland*

DATE MODIFIED: 03/11/22

CREATED BY: PFO



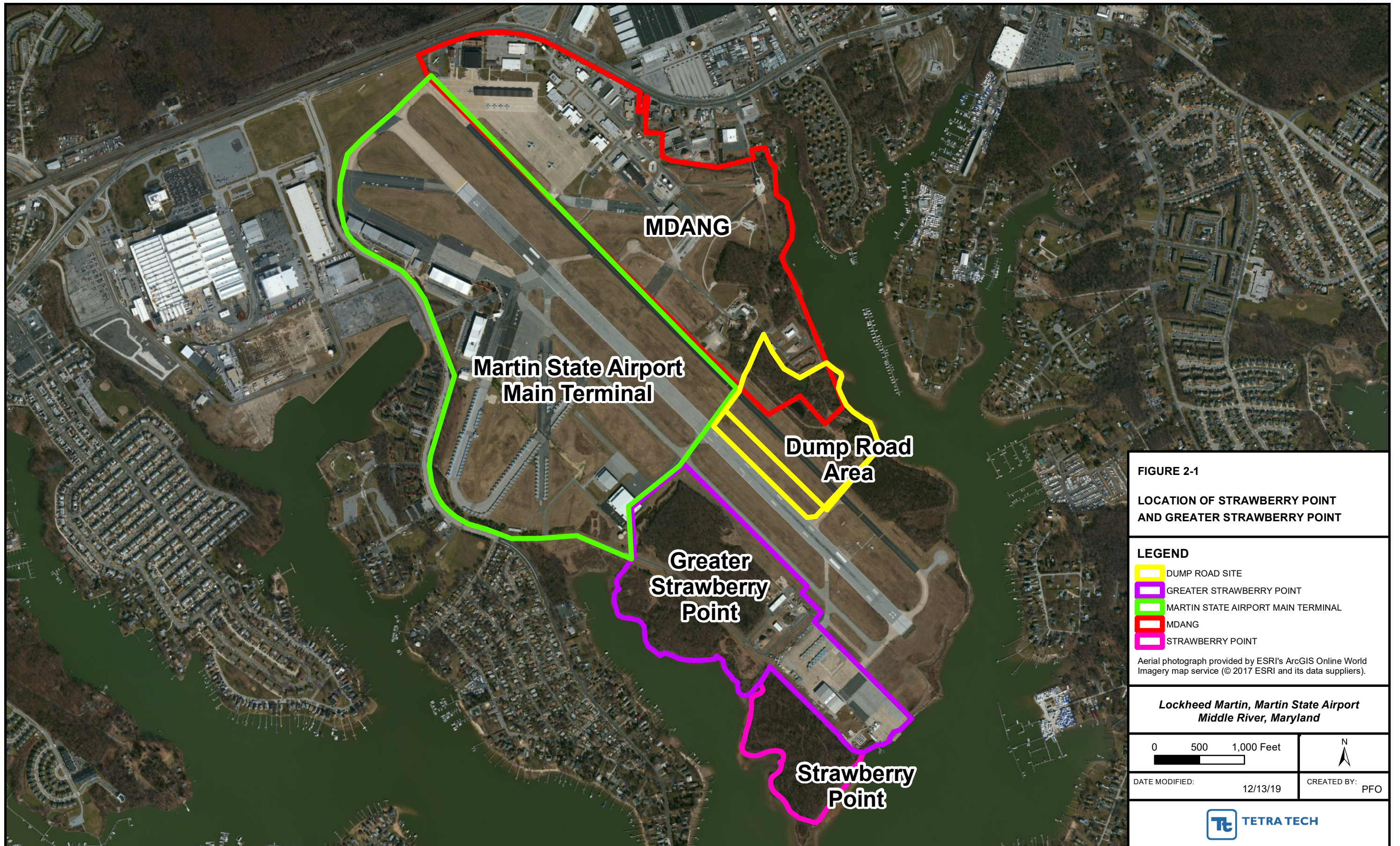








FIGURE 2-1
LOCATION OF STRAWBERRY POINT
AND GREATER STRAWBERRY POINT

LEGEND

	DUMP ROAD SITE
	GREATER STRAWBERRY POINT
	MARTIN STATE AIRPORT MAIN TERMINAL
	MDANG
	STRAWBERRY POINT

Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2017 ESRI and its data suppliers).

Lockheed Martin, Martin State Airport
Middle River, Maryland

0 500 1,000 Feet	
------------------	---

DATE MODIFIED: 12/13/19	CREATED BY: PFO
-------------------------	-----------------





FIGURE 2-2
GROUNDWATER MONITORING NETWORK
GREATER STRAWBERRY POINT

LEGEND

- ▲ SURFACE WATER SAMPLE LOCATION
- EXISTING MONITORING WELL
- FORMER DPT/HPT SAMPLING LOCATION
- ▭ RECOGNIZED ENVIRONMENTAL CONDITION (REC)

Aerial photograph provided by the State of Maryland.

Lockheed Martin, Martin State Airport
Middle River, Maryland

0 200 400 Feet

DATE MODIFIED: 03/11/22 CREATED BY: JEE





FIGURE 3-1
MONITORING WELLS INSTALLED JULY 2022,
GREATER STRAWBERRY POINT,

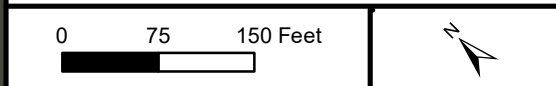
LEGEND

- MONITORING WELL
- MONITORING WELL INSTALLED JULY 2022
- BALD EAGLE'S NEST 660-FOOT BUFFER

* Well GSP-MW-46I was abandoned and replaced in October 2022.

2020 aerial photograph provided by the State of Maryland.

Lockheed Martin, Martin State Airport
Middle River, Maryland



DATE MODIFIED: 02/15/23 CREATED BY: JEE



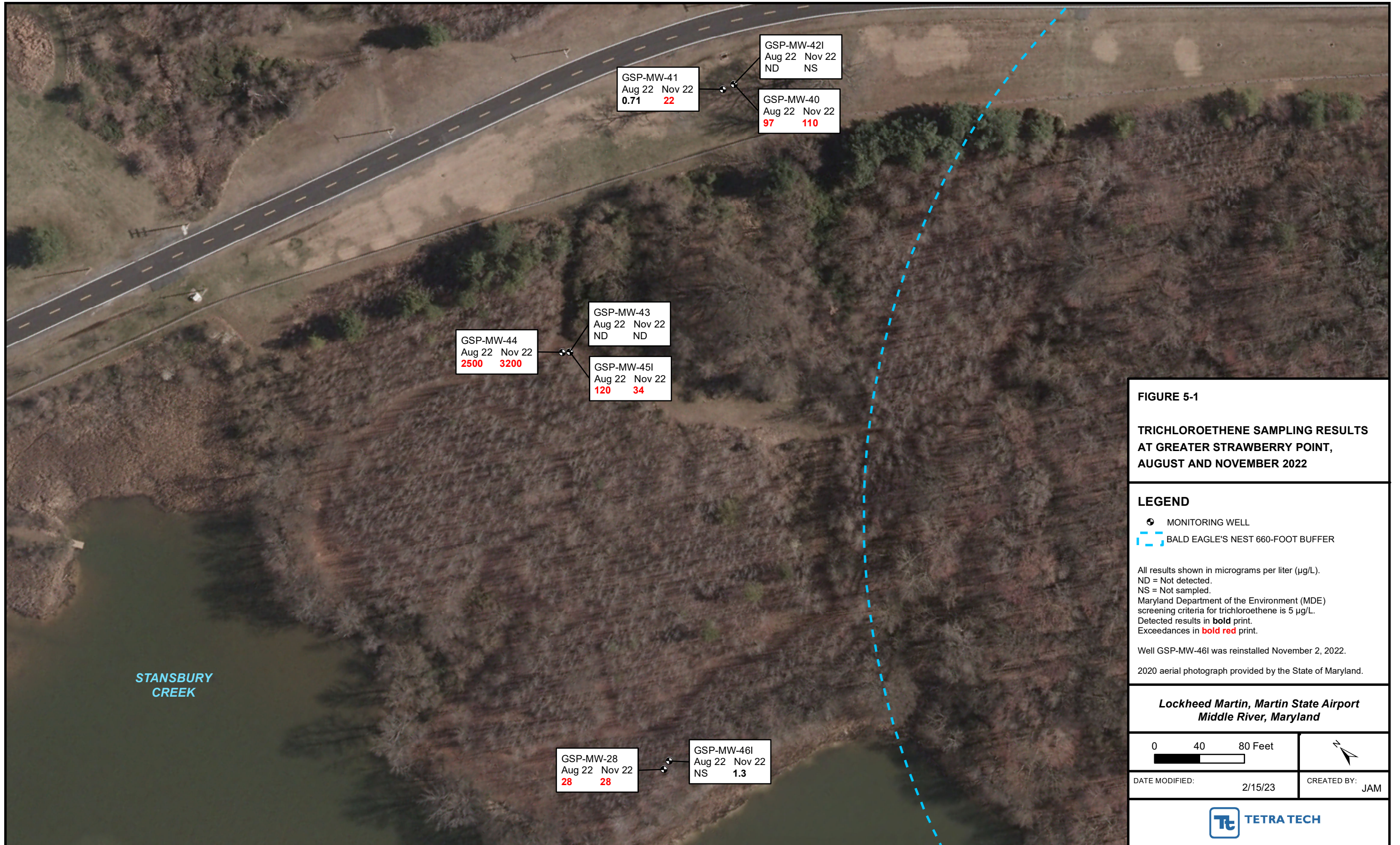


FIGURE 5-1

TRICHLOROETHENE SAMPLING RESULTS AT GREATER STRAWBERRY POINT, AUGUST AND NOVEMBER 2022

LEGEND

- MONITORING WELL
- BALD EAGLE'S NEST 660-FOOT BUFFER

All results shown in micrograms per liter (µg/L).
 ND = Not detected.
 NS = Not sampled.
 Maryland Department of the Environment (MDE) screening criteria for trichloroethene is 5 µg/L.
 Detected results in **bold** print.
 Exceedances in **bold red** print.

Well GSP-MW-46I was reinstalled November 2, 2022.
 2020 aerial photograph provided by the State of Maryland.

**Lockheed Martin, Martin State Airport
 Middle River, Maryland**

0 40 80 Feet

DATE MODIFIED: 2/15/23 CREATED BY: JAM

Tt TETRA TECH

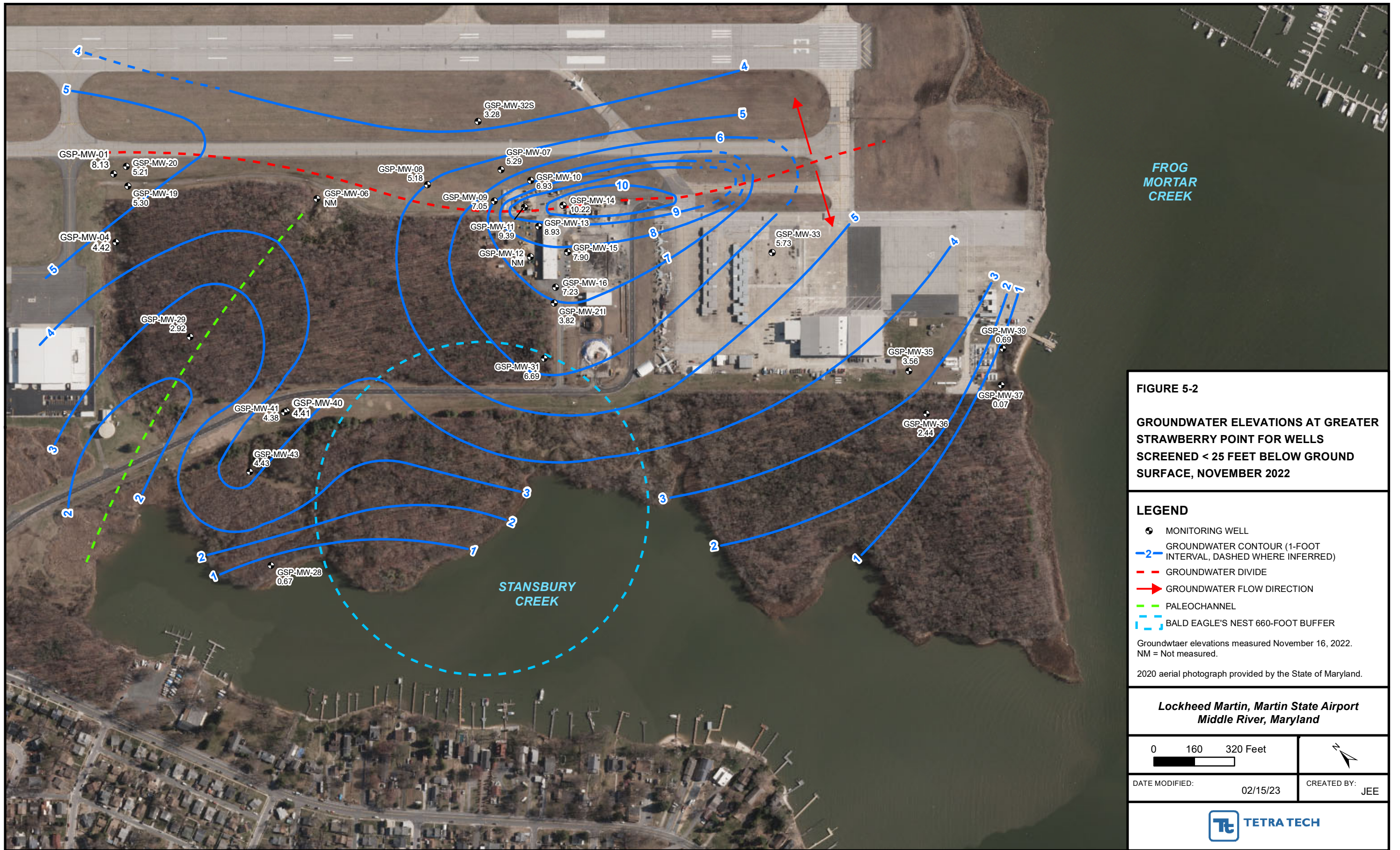
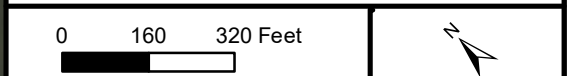


FIGURE 5-2
GROUNDWATER ELEVATIONS AT GREATER STRAWBERRY POINT FOR WELLS SCREENED < 25 FEET BELOW GROUND SURFACE, NOVEMBER 2022

- LEGEND**
- MONITORING WELL
 - GROUNDWATER CONTOUR (1-FOOT INTERVAL, DASHED WHERE INFERRED)
 - - - GROUNDWATER DIVIDE
 - ➔ GROUNDWATER FLOW DIRECTION
 - - - PALEOCHANNEL
 - - - BALD EAGLE'S NEST 660-FOOT BUFFER

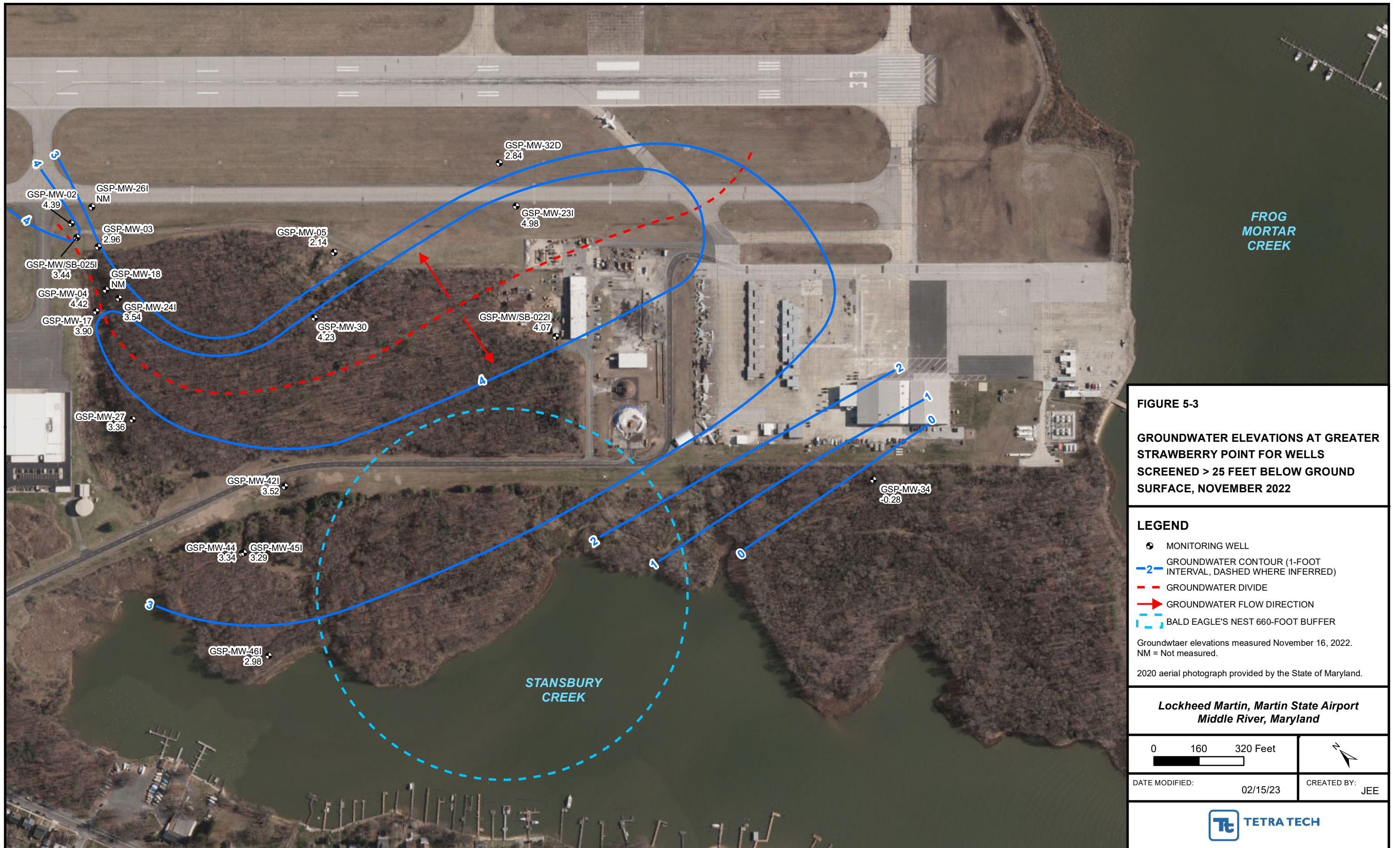
Groundwater elevations measured November 16, 2022.
 NM = Not measured.
 2020 aerial photograph provided by the State of Maryland.

**Lockheed Martin, Martin State Airport
 Middle River, Maryland**



DATE MODIFIED: 02/15/23 CREATED BY: JEE





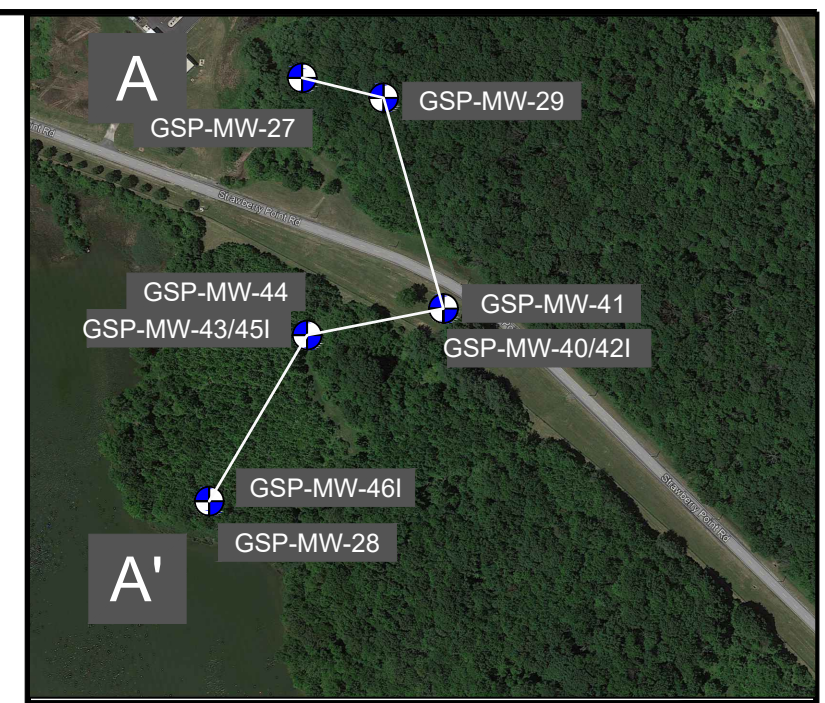
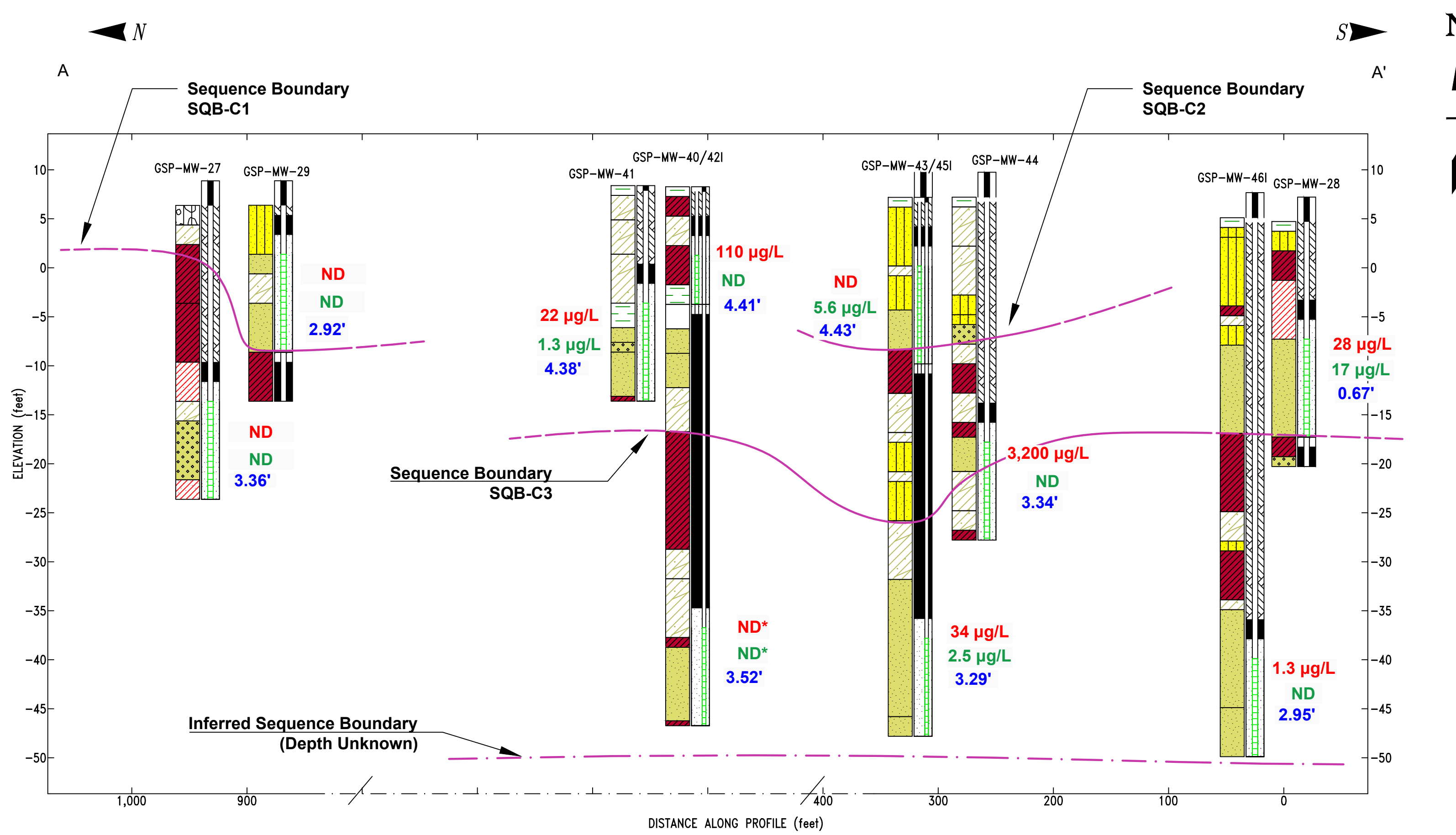


Figure 5-4
Cross Section A-A'

Legend:

GSP-MW-27 Borehole Number

Borehole Lithology Well Construction

GSP - Greater Strawberry Point
 MW - monitoring well
 µg/L - micrograms per liter

22 µg/L TCE concentration - November 2022
 1.3 µg/L Carbon Tetrachloride - November 2022
 4.38' Groundwater Elevation - November 2022
 ND* MW-42I results are from August 2022

0 104
 Horizontal Scale (feet)

Vertical Exaggeration: 8.5x

- Lithology Graphics**
- USCS Silty Gravel
 - USCS Clayey Sand
 - USCS Low Plasticity Clay
 - USCS Low Plasticity Sandy Clay
 - USCS Well-graded Sand
 - USCS Low Plasticity Organic silt or clay
 - USCS Silty Sand
 - USCS Poorly-graded Sand

TABLES

Table 3-1 Summary of Well Construction Details

Table 4-1 Summary of Well Development Information, July 2022

Table 5-1 Groundwater Level Measurement Sheet – July 2022

Table 5-2 Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, August 2022

Table 5-3 Greater Strawberry Point Groundwater Results, August 2022

Table 5-4 Groundwater Level Measurement Sheet – November 2022

Table 5-5 Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, November 2022

Table 5-6 Greater Strawberry Point Groundwater Results, November 2022

Table 3-1

New Monitoring Well Construction Details and Rationale
Greater Strawberry Point, Middle River, Maryland

Well Number	Well casing diameter (inches)	Screen length (feet) ⁽¹⁾	Screen top depth (feet)	Screen bottom/total depth of well (feet)	Rationale/Purpose
GSP-MW-40	2	5	7	12	Nested with MW-42I. Installed to assess shallow aquifer groundwater chemical concentrations near previously drilled DPT-86 south of Strawberry Point Road
GSP-MW-41	2	10	12	22	Installed to assess shallow aquifer groundwater chemical concentrations near previously drilled DPT-86 south of Strawberry Point Road
GSP-MW-42I	2	10	45	55	Nested with MW-40. Installed to assess intermediate aquifer groundwater chemical concentrations near previously drilled DPT-86 south of Strawberry Point Road
GSP-MW-43	2	10	7	17	Nested with MW-45I. Installed to assess shallow aquifer groundwater chemical concentrations near previously drilled DPT-90, upgradient of MW-28
GSP-MW-44	2	10	25	35	Installed to assess shallow aquifer groundwater chemical concentrations near previously drilled DPT-90, upgradient of MW-28
GSP-MW-45I	2	10	45	55	Nested with MW-43. Installed to assess intermediate aquifer groundwater chemical concentrations near previously drilled DPT-90, upgradient of MW-28
GSP-MW-46I*	2	10	45	55	Installed to assess intermediate aquifer groundwater chemical concentrations in the vicinity upgradient of MW-28

*GSP-MW-46I was abandoned on November 1, 2022 and replaced November 2, 2022, the installed well depths did not change.

GSP - Greater Strawberry Point

MW - monitoring well

DPT - direct-push technology

Table 4-1

Summary of Well Development Information, July 2022
 Greater Strawberry Point Trichloroethene Well Installation
 Greater Strawberry Point, Martin State Airport, Middle River, Maryland

Well Number	Screen Length (feet)	Time Spent Surging/Purging (minutes)	300% Well Volume (gal)	Purged Volume During Development (gal)	Purged Dry (#)	Final Turbidity Reading (NTU)	Notes
GSP-MW-40	5	67 (7/11/22), 25 (7/12/22), 5 (7/14/2022), 13 (7/15/2022)	4.92	47.5	4	960	Well purged dry four times over the span of five days (slow recharge), strong odor observed, hard bottom following development
GSP-MW-41	10	67	9.51	45	0	11.5	Well ran clear and exhibited high recharge rates
GSP-MW-42I	10	82	23.55	75	0	45	Well ran clear and exhibited high recharge rates
GSP-MW-43	10	142 (7/12/22), 5 (7/13/2022)	6.9	23	1	33.7	Well ran clear and exhibited high recharge rates
GSP-MW-44	10	117	15.27	83	1	39.9	Well ran clear and exhibited high recharge rates
GSP-MW-45I	10	85	25.26	30	0	21.9	Well ran clear and exhibited high recharge rates
GSP-MW-46I (Abandoned)	10	112 (7/14/22), 6 (7/15/2022), 24 (7/18/22)	21.48	115	3	38.2	Total well depth as installed was 55', however during well development a very soft bottom was noted at 48', indicating 7 feet of sand in the well. Sand was removed via bailer and pump/surging during each day of well development (7/14, 7/15, 7/18). The well was allowed to sit for 1 week and rechecked on 7/25/22, where the depth of the sand increased to 17' from the bottom of the well. Upon discussion with the project team, it was agreed the well was damaged during installation and the drilling contractor will abandon and replace this well in October 2022.
GSP-MW-46I (Existing Well)	10	122 (11/3/2022)	25.77	90	0	83.5	Well ran clear and exhibited high recharge rates, water was visibly fizzy during development

The original GSP-MW-46I was damaged was abandoned November 1, 2022 and was replaced November 2, 2022
 MW128BR and MW167A exhibited slow recharge rates and were allowed to sit for multiple days to achieve 80% recharge.

gal - gallons

NTU - nephelometric turbidity unit
 GSP - Greater Strawberry Point
 MW - monitoring well



Table 5-1 GROUNDWATER LEVEL MEASUREMENT SHEET - July 2022

Project Name: Greater Stawberry Point Project No.: 112IC09076 - July 2022
Location: GSP Personnel: WP
Weather Conditions: Clear Measuring Device: Water Level Meter
Tidally Influenced: Yes No Remarks: _____

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW-40	7/25/2022	1002	7.96	11.77	3.95		4.01	
MW-41	7/25/2022	1004	8.08	22.12	4.10		3.98	
MW-42i	7/25/2022	1006	8.02	53.22	4.95		3.07	Soft Bottom
MW-43	7/25/2022	1040	9.99	19.88	7.11		2.88	
MW-44	7/25/2022	1036	9.75	38.58	7.10		2.65	
MW-45i	7/25/2022	1042	10.01	59.11	7.38		2.63	
MW-46i	7/25/2022	1100	7.76	37.62	4.97		2.79	*Well is damaged and will be replaced (total depth drilled was 55')
MW-28	7/25/2022	1054	7.62	24.57	6.82		0.80	
MW-27	7/25/2022	1017	9.16	31.71	6.25		2.91	
MW-29	7/25/2022	1014	9.03	17.94	6.57		2.46	
MW-31	7/25/2022	0948	11	17.39	5.82		5.18	
MW-30	7/25/2022	0943	11.11	37.21	7.59		3.52	

Table 5-2
Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, August 2022
Martin State Airport, Middle River, Maryland
Page 1 of 1

August 2022 Greater Strawberry Point Groundwater											
Parameter	Frequency of Detection		Minimum concentration (detects)	Maximum concentration (detects)	Location of maximum detected concentration	Sample with maximum detected concentration	Minimum concentration (non-detects)	Maximum concentration (non-detects)	Average of detected results	Average of all results	Standard deviation
	Number	Percent									
Volatile organic compounds (µg/L)											
1,2-DICHLOROETHANE	1/11	9	0.21 J	0.21 J	GSP-MW-27	GSP-MW-27-080422	0.21	14	0.21	0.75	2.07
BROMODICHLOROMETHANE	1/11	9	0.33 J	0.33 J	GSP-MW-45I	GSP-MW-45I-080222	0.17	11	0.33	0.61	1.62
BROMOMETHANE	1/11	9	0.42 J	0.42 J	GSP-MW-45I	GSP-MW-45I-080222	0.42	28	0.42	1.50	4.15
CARBON TETRACHLORIDE	4/11	36	0.33 J	17	GSP-MW-28	GSP-MW-28-080422	0.26	17	9.46	4.29	6.30
CHLOROFORM	4/11	36	2.6	8.6	GSP-MW-45I	GSP-MW-45I-080222	0.47	31	4.65	3.25	4.83
CIS-1,2-DICHLOROETHENE	3/11	27	0.49 J	24	GSP-MW-40	GSP-MW-40-080122	0.46	31	9.66	4.19	8.02
DICHLOROACETIC ACID	1/11	9	1.6	1.6	GSP-MW-42I	GSP-MW-42I-080122	0.6	0.6	1.60	0.42	0.39
TOLUENE	2/11	18	0.99 J	2.3	GSP-MW-45I	GSP-MW-45I-080222	0.44	29	1.65	1.80	4.26
TOTAL HALOACETIC ACIDS	1/11	9	1.6 J	1.6 J	GSP-MW-42I	GSP-MW-42I-080122	1.5	1.5	1.60	0.83	0.26
TRANS-1,2-DICHLOROETHENE	1/11	9	1 J	1 J	GSP-MW-40	GSP-MW-40-080122	0.51	34	1.00	1.85	5.03
TRICHLOROETHENE	5/11	45	0.71 J	2500	GSP-MW-44	GSP-MW-44-080222	0.44	0.44	549.14	249.73	747.57
Volatile organics tentatively identified compounds (µg/L)											
PROPYLENE	1/1	100	4.3 NJ	4.3 NJ	GSP-MW-45I	GSP-MW-45I-080222	NULL	NULL	4.30	4.30	NULL
UNKNOWN [1.56]	1/1	100	160 NJ	160 NJ	GSP-MW-44	GSP-MW-44-080222	NULL	NULL	160.00	160.00	NULL
UNKNOWN [1.59]	3/3	100	15 NJ	360 NJ	GSP-MW-44	GSP-MW-44-080222	NULL	NULL	131.67	131.67	197.76
UNKNOWN [1.84]	1/1	100	26 NJ	26 NJ	GSP-MW-42I	GSP-MW-42I-080122	NULL	NULL	26.00	26.00	NULL
UNKNOWN [1.85]	1/1	100	58 NJ	58 NJ	GSP-MW-40	GSP-MW-40-080122	NULL	NULL	58.00	58.00	NULL
UNKNOWN [1.87]	1/1	100	41 NJ	41 NJ	GSP-MW-41	GSP-MW-41-080122	NULL	NULL	41.00	41.00	NULL
Volatile gases (µg/L)											
ETHANE	8/12	67	0.31 J	33	GSP-MW-46I	GSP-MW-46I-080422	0.29	0.33	6.68	4.51	9.48
ETHENE	8/12	67	0.27 J	16	GSP-MW-46I	GSP-MW-46I-080422	0.27	0.27	3.69	2.51	4.64
METHANE	11/12	92	0.38 J	6600	GSP-MW-27	GSP-MW-27-080422	0.17	0.17	683.98	626.99	1889.20
Metals (µg/L)											
CALCIUM	12/12	100	820 J	51000	GSP-MW-30	GSP-MW-30-080322	--	--	10943.33	10943.33	13502.61
IRON	11/12	92	1300	39000	GSP-MW-27	GSP-MW-27-080422	83	83	13954.55	12795.13	14448.94
MAGNESIUM	12/12	100	590 J	11000	GSP-MW-31	GSP-MW-31-080322	--	--	3874.17	3874.17	2711.06
MANGANESE	12/12	100	26	860	GSP-MW-46I	GSP-MW-46I-080422	--	--	276.75	276.75	261.03
POTASSIUM	5/12	42	1300 J	3000 J	GSP-MW-30	GSP-MW-30-080322	560	3200	2040.00	1327.50	832.78
SILICON DIOXIDE	12/12	100	6700	26000	GSP-MW-46I	GSP-MW-46I-080422	--	--	14708.33	14708.33	5915.38
Miscellaneous parameters (mg/L)											
ALKALINITY	11/11	100	3 J	140	GSP-MW-30	GSP-MW-30-080322	--	--	36.37	36.37	43.59
AMMONIA	3/11	27	0.15 J	2.6	GSP-MW-27	GSP-MW-27-080422	0.076	0.076	0.99	0.30	0.77
CHLORIDE	12/12	100	4.1	180	GSP-MW-31	GSP-MW-31-080322	--	--	43.50	43.50	49.36
DISSOLVED ORGANIC CARBON	11/11	100	0.94 J	18	GSP-MW-29	GSP-MW-29-080322	--	--	3.94	3.94	4.79
NITRATE-N	2/12	17	0.18	0.5	GSP-MW-31	GSP-MW-31-080322	0.036	0.036	0.34	0.07	0.14
NITRITE-N	3/12	25	0.027 J	0.034 J	GSP-MW-45I	GSP-MW-45I-080222	0.014	0.014	0.03	0.01	0.01
PHOSPHATE	2/11	18	0.2 J	0.33	GSP-MW-30	GSP-MW-30-080322	0.11	0.23	0.27	0.10	0.09
SULFATE	11/12	92	0.51 J	56	GSP-MW-40	GSP-MW-40-080122	0.35	0.35	19.86	18.22	17.05
TOTAL DISSOLVED SOLIDS	11/11	100	54	290	GSP-MW-30	GSP-MW-30-080322	--	--	149.09	149.090909	86.59151754

For non-detects, 1/2 sample quantitation limit was used as a proxy concentration. This accounts for the possible presence of analytes in a sample below the quantification limit, and may artificially elevate the 'average for all samples' values.

µg/L - micrograms per liter

mg/L - milligram per liter

GSP - Greater Strawberry Point

MW - monitoring well

J - estimated value

NJ - tentatively identified at estimated value shown

Table 5-3
 Greater Strawberry Point Groundwater Results, August 2022
 Martin State Airport, Middle River, Maryland
 Page 2 of 2

LOCATION	MDGW Values	GSP-MW-27 GSP-MW-27-080422 20220804 GW	GSP-MW-28 GSP-MW-28-080422 20220804 GW	GSP-MW-29 GSP-MW-29-080322 20220803 GW	GSP-MW-30 GSP-MW-30-080322 20220803 GW	GSP-MW-31 GSP-MW-31-080322 20220803 GW	GSP-MW-40 GSP-MW-40-080122 20220801 GW	GSP-MW-41 GSP-MW-41-080122 20220801 GW	GSP-MW-42 GSP-MW-42-080122 20220801 GW	GSP-MW-43 GSP-MW-43-080222 20220802 GW	GSP-MW-44 GSP-MW-44-080222 20220802 GW	GSP-MW-45 GSP-MW-45-080222 20220802 GW	GSP-MW-46 GSP-MW-46-080422 20220804 GW
VOLATILE GASES (UG/L)													
ETHANE	NC	1.3	0.29 U	0.29 U	0.33 U	0.29 U	1.9	0.31 J	3	0.35 J	2.6	11	33
ETHENE	NC	0.94 J	0.27 U	0.27 U	0.33 J	0.27 U	1.5	0.27 U	1.5	0.27 J	2.2	6.8	16
METHANE	NC	6600	0.38 J	40	120	630	45	20	5.3	0.17 U	5.1	18	40
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)													
CHLORODIFLUOROMETHANE	NC	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2 UJ	1 UJ	1 UJ	1 UJ	67 UJ	1 UJ	--
GERMACYCLOHEXANE, 1,1-DICHLORO-	NC	--	--	--	--	--	--	--	--	--	--	--	--
PROPYLENE	NC	--	--	--	--	--	--	--	--	--	--	4.3 NJ	--
UNKNOWN [1.56]	NC	--	--	--	--	--	--	--	--	--	160 NJ	--	--
UNKNOWN [1.59]	NC	--	--	--	--	--	--	--	--	20 NJ	360 NJ	15 NJ	--
UNKNOWN [1.84]	NC	--	--	--	--	--	--	--	26 NJ	--	--	--	--
UNKNOWN [1.85]	NC	--	--	--	--	--	58 NJ	--	--	--	--	--	--
UNKNOWN [1.87]	NC	--	--	--	--	--	41 NJ	--	--	--	--	--	--
METALS (UG/L)													
CALCIUM	NC	12000	6900	820 J	51000	11000	5900	4900 J	1500 J	10000	4700 J	18000	4600 J
IRON	1400	39000	83 U	12000	2200	36000	6400	1300	4100	1400	4100	16000	31000
MAGNESIUM	NC	4000 J	4600 J	1700 J	2600 J	11000	2500 J	2200 J	590 J	6100	4300 J	4500 J	2400 J
MANGANESE	43	310	410	26	100	120	20	40	15	20	40	40	200
POTASSIUM	NC	2100 U	1600 U	3000 J	2600 J	2600 J	1900 U	1100 U	1000 U	1300 J	1500 J	1800 J	3200 U
SILICON DIOXIDE	NC	17000	11000	14000	19000	19000	22000	6700	12000 J	8000	12000	9800	26000
MISCELLANEOUS (MG/L)													
ALKALINITY	NC	54	6.6	3.2 J	140	15	81	8.3	12	3 J	16	61	--
AMMONIA	NC	2.6	0.076 U	0.076 U	0.076 U	0.21	0.15 J	0.076 U	0.076 U	0.076 U	0.076 U	0.076 U	--
CHLORIDE	NC	27	6.2	6.2	15	180	78	44	4.1	49	29	18	4.7
DISSOLVED ORGANIC CARBON	NC	3.1	0.94 J	1.8	4.5	1.5	4	1.8	2.4	2.2	1.6	3.3	--
NITRATE-N	NC	0.036 U	0.18	0.036 U	0.036 U	0.5	0.036 UJ	0.036 UJ	0.036 UJ	0.036 U	0.036 U	0.036 U	0.036 U
NITRITE-N	NC	0.027 J	0.014 U	0.014 U	0.014 U	0.014 U	0.014 UJ	0.014 UJ	0.014 UJ	0.014 U	0.014 U	0.034 J	0.027 J
PHOSPHATE	NC	0.23 U	0.11 U	0.15 U	0.33	0.18 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.2 J	--
SULFATE	NC	0.51 J	19	20	19	12	56	19	0.35 U	44	21	6.5	1.5
TOTAL DISSOLVED SOLIDS	NC	110	120	54	290	260	280	71	150	130	98	77	--

ug/L - micrograms per liter
 mg/L - milligram per liter
 GSP - Greater Strawberry Point
 MW - monitoring well
 J - estimated value
 NJ - tentatively identified at estimated value shown
 -- analyte was not sampled for
 U - analyte was not detected
Blue shaded and yellow font signifies exceedance of MD groundwater screening criteria
 Bold indicates a positive detection



Table 5-4 GROUNDWATER LEVEL MEASUREMENT SHEET- November 2022

Project Name: Greater Stawberry Point **Project No.:** 112IC09579 - November 2022
Location: GSP **Personnel:** WP
Weather Conditions: Clear **Measuring Device:** Water Level Meter
Tidally Influenced: Yes No **Remarks:** _____

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW-40	11/16/2022	0930	7.96	11.83	3.55		4.41	
MW-41	11/16/2022	0932	8.08	22.22	3.70		4.38	
MW-42I	11/16/2022	0931	8.02	53.02	4.50		3.52	Soft Bottom
MW-43	11/16/2022	0952	9.99	19.97	5.56		4.43	
MW-44	11/16/2022	0954	9.75	38.09	6.41		3.34	
MW-45I	11/16/2022	0953	10.01	58.68	6.72		3.29	
MW-46I	11/16/2022	0944	7.76	58.23	4.78		2.98	
MW-28	11/16/2022	0945	7.62	24.63	6.95		0.67	
MW-27	11/16/2022	0956	9.16	31.86	5.80		3.36	Soft Bottom
MW-29	11/16/2022	1004	9.03	17.99	6.11		2.92	
MW-31	11/16/2022	1010	11	17.43	4.31		6.69	
MW-34	11/16/2022	1040	9.15	25.70	9.43		-0.28	
MW-36	11/16/2022	1046	10.3	22.14	7.86		2.44	
MW-35	11/16/2022	1058	7.41	13.31	3.85		3.56	
MW-37	11/16/2022	1028	6.02	22.65	5.95		0.07	
MW-39	11/16/2022	1025	5.39	14.71	4.70		0.69	
MW-21I	11/16/2022	1110	12.62	60.62	8.80		3.82	
MW-16	11/16/2022	1116	13.13	30.10	5.90		7.23	
MW-22I	11/16/2022	1123	13.88	59.85	9.81		4.07	Soft Bottom
MW-15	11/16/2022	1130	13.71	19.74	5.81		7.90	
MW-12	11/16/2022	1140	13.89	NR	NR			Covered
MW-13	11/16/2022	1150	13.7	22.66	4.77		8.93	
MW-14	11/16/2022	1200	13.48	11.63	3.26		10.22	
MW-11	11/16/2022	1215	13.64	14.58	4.25		9.39	



Table 5-4 GROUNDWATER LEVEL MEASUREMENT SHEET- November 2022

Project Name: Greater Stawberry Point **Project No.:** 112IC09579 - November 2022
Location: GSP **Personnel:** WP
Weather Conditions: Clear **Measuring Device:** Water Level Meter
Tidally Influenced: Yes No **Remarks:** _____

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW-10	11/16/2022	1230	9.02	21.42	2.09		6.93	
MW-09	11/16/2022	1315	14.17	19.77	7.12		7.05	
MW-08	11/16/2022	1330	9.15	17.02	3.97		5.18	
MW-07	11/16/2022	1338	8.74	21.63	3.45		5.29	
MW-23I	11/16/2022	1344	10.44	39.44	5.46		4.98	
MW-05	11/16/2022	1352	9.58	39.39	7.44		2.14	
MW-06	11/16/2022	1356	8.36	NR	Top of Cap			
MW-30	11/16/2022	1415	11.11	27.20	6.88		4.23	
MW-26I	11/16/2022	1423	13.15	60.71	Top of Cap	9.86		Soft Bottom
MW-20	11/16/2022	1430	12.41	14.77	7.20		5.21	
MW-19	11/16/2022	14.36	9.85	15.66	4.55		5.30	
MW-18	11/16/2022	1444	6.61	NR	NR			Covered
MW-17	11/16/2022	1449	7.91	29.95	4.01		3.90	
MW-04	11/16/2022	1454	7.27	20.42	2.85		4.42	
MW-24I	11/16/2022	1500	9.67	58.71	6.13		3.54	
MW-01	11/16/2022	1507	11.13	14.92	3.00		8.13	
MW-02	11/16/2022	1511	11.64	31.10	7.25		4.39	
MW-03	11/16/2022	1516	7.01	34.87	4.05		2.96	
MW-25I	11/16/2022	1525	10.19	58.99	6.75		3.44	
MW-32S	11/16/2022	1530	9.1	21.67	5.82		3.28	
MW-32D	11/16/2022	1536	8.94	67.80	6.10		2.84	
MW-33	11/16/2022	1545	8.83	14.53	3.10		5.73	

**Table 5-5
Statistical Summary for Analytes Detected in Greater Strawberry Point Groundwater, November 2022
Martin State Airport, Middle River, Maryland**

November 2022 Greater Strawberry Point Groundwater											
Parameter	Frequency of Detection		Minimum concentration (detects)	Maximum concentration (detects)	Location of maximum detected concentration	Sample with maximum detected concentration	Minimum concentration (nondetects)	Maximum concentration (nondetects)	Average of detected results	Average of all results	Standard deviation
	Number	Percent									
Volatile Organics (ug/L)											
CARBON TETRACHLORIDE	4/7	57	1.3	17	GSP-MW-28	GSP-MW-28-111722	0.26	13	6.6	4.904285	5.829419231
CHLOROFORM	5/7	71	0.62 J	3.8	GSP-MW-28	GSP-MW-28-111722	4.7	24	2.004	3.481428	3.893680472
CIS-1,2-DICHLOROETHENE	3/7	43	2.2	340	GSP-MW-40	GSP-MW-40-111622	0.46	23	115.7	51.422857	127.3131599
TRICHLOROETHENE	6/7	86	1.3	3200	GSP-MW-44	GSP-MW-44-111722	0.44	0.44	565.883333	485.074285	1197.737193

For non-detects, 1/2 sample quantitation limit was used as a proxy concentration. This accounts for the possible presence of analytes in a sample below the quantification limit, and may artificially elevate the 'average for all samples' values.

µg/L - micrograms per liter

GSP - Greater Strawberry Point

J - estimated value

sample_id	duplicate	sacode	qc_type
GSP-MW-28-111722	NULL	NORMAL	NM
GSP-MW-40-111622	NULL	NORMAL	NM
GSP-MW-41-111722	NULL	NORMAL	NM
GSP-MW-43-111722	NULL	NORMAL	NM
GSP-MW-44-111722	NULL	NORMAL	NM
GSP-MW-45I-111722	NULL	NORMAL	NM
GSP-MW-46I-111722	NULL	NORMAL	NM

Table 5-6
Greater Strawberry Point Groundwater Results, November 2022
Martin State Airport, Middle River, Maryland
Page 1 of 2

LOCATION SAMPLE ID SAMPLE DATE MATRIX	MDE screening value	GSP-MW-28 GSP-MW-28-111722 20221117 GW	GSP-MW-40 GSP-MW-40-111622 20221116 GW	GSP-MW-41 GSP-MW-41-111722 20221117 GW	GSP-MW-43 GSP-MW-43-111722 20221117 GW	GSP-MW-44 GSP-MW-44-111722 20221117 GW	GSP-MW-45I GSP-MW-45I-111722 20221117 GW	GSP-MW-46I GSP-MW-46I-111722 20221117 GW
Voatile organic compounds (µg/L)								
1,1,1,2-TETRACHLOROETHANE	NC	0.43 U	4.3 U	0.43 U	0.43 U	22 U	1.7 U	0.43 U
1,1,1-TRICHLOROETHANE	200	0.48 U	4.8 U	0.48 U	0.48 U	24 U	1.9 U	0.48 U
1,1,2,2-TETRACHLOROETHANE	0.076	0.6 U	6 U	0.6 U	0.6 U	30 U	2.4 U	0.6 U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	0.41 U	4.1 U	0.41 U	0.41 U	21 U	1.6 U	0.41 U
1,1-DICHLOROETHANE	2.8	0.47 U	4.7 U	0.47 U	0.47 U	24 U	1.9 U	0.47 U
1,1-DICHLOROETHENE	7	0.49 U	4.9 U	0.49 U	0.49 U	25 U	2 U	0.49 U
1,1-DICHLOROPROPENE	NC	0.36 U	3.6 U	0.36 U	0.36 U	18 U	1.4 U	0.36 U
1,2,3-TRICHLOROBENZENE	NC	0.54 U	5.4 U	0.54 U	0.54 U	27 U	2.2 U	0.54 U
1,2,3-TRICHLOROPROPANE	NC	0.52 U	5.2 U	0.52 U	0.52 U	26 U	2.1 U	0.52 U
1,2,3-TRIMETHYLBENZENE	NC	0.31 U	3.1 U	0.31 U	0.31 U	16 U	1.2 U	0.31 U
1,2,4-TRICHLOROBENZENE	70	0.77 U	7.7 U	0.77 U	0.77 U	39 U	3.1 U	0.77 U
1,2,4-TRIMETHYLBENZENE	5.6	0.52 U	5.2 U	0.52 U	0.52 U	26 U	2.1 U	0.52 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2	0.91 U	9.1 U	0.91 U	0.91 U	46 U	3.6 U	0.91 U
1,2-DIBROMOETHANE	0.05	0.41 U	4.1 U	0.41 U	0.41 U	21 U	1.6 U	0.41 U
1,2-DICHLOROBENZENE	600	0.48 U	4.8 U	0.48 U	0.48 U	24 U	1.9 U	0.48 U
1,2-DICHLOROETHANE	5	0.21 U	2.1 U	0.21 U	0.21 U	11 U	0.84 U	0.21 U
1,2-DICHLOROPROPANE	5	0.47 U	4.7 U	0.47 U	0.47 U	24 U	1.9 U	0.47 U
1,3-DICHLOROBENZENE	NC	0.45 U	4.5 U	0.45 U	0.45 U	23 U	1.8 U	0.45 U
1,3-DICHLOROPROPANE	NC	0.21 U	2.1 U	0.21 U	0.21 U	11 U	0.84 U	0.21 U
1,4-DICHLOROBENZENE	75	0.41 U	4.1 U	0.41 U	0.41 U	21 U	1.6 U	0.41 U
2,2-DICHLOROPROPANE	NC	0.78 U	7.8 U	0.78 U	0.78 U	39 U	3.1 U	0.78 U
2-BUTANONE	560	1.2 U	12 U	1.2 U	1.2 U	58 U	4.6 U	1.2 U
2-CHLOROETHYL VINYL ETHER	NC	1.5 UR	15 UR	1.5 UR	1.5 UR	77 UR	6.1 UR	1.5 UR
2-CHLOROTOLUENE	NC	0.57 U	5.7 U	0.57 U	0.57 U	29 U	2.3 U	0.57 U
2-HEXANONE	NC	1.1 U	11 U	1.1 U	1.1 U	56 U	4.4 U	1.1 U
4-CHLOROTOLUENE	NC	0.43 U	4.3 U	0.43 U	0.43 U	22 U	1.7 U	0.43 U
4-ISOPROPYLTOLUENE	NC	0.56 U	5.6 U	0.56 U	0.56 U	28 U	2.2 U	0.56 U
4-METHYL-2-PENTANONE	630	0.99 U	9.9 U	0.99 U	0.99 U	50 U	4 U	0.99 U
ACETONE	1400	5.4 U	54 U	5.4 U	5.4 U	270 U	22 U	5.4 U
BENZENE	5	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
BROMOBENZENE	NC	0.5 U	5 U	0.5 U	0.5 U	25 U	2 U	0.5 U
BROMOCHLOROMETHANE	NC	0.54 U	5.4 U	0.54 U	0.54 U	27 U	2.2 U	0.54 U
BROMODICHLOROMETHANE	80	0.17 U	1.7 U	0.17 U	0.17 U	8.5 U	0.68 U	0.17 U
BROMOFORM	80	0.76 U	7.6 U	0.76 U	0.76 U	38 U	3 U	0.76 U
BROMOMETHANE	0.75	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
CARBON DISULFIDE	81	0.59 UJ	5.9 U	0.59 UJ	0.59 UJ	30 UJ	2.4 UJ	0.59 UJ
CARBON TETRACHLORIDE	5	17	2.6 U	1.3	5.6	13 U	2.5 J	0.26 U
CHLOROBENZENE	100	0.38 U	3.8 U	0.38 U	0.38 U	19 U	1.5 U	0.38 U
CHLORODIBROMOMETHANE	80	0.39 U	3.9 U	0.39 U	0.39 U	20 U	1.6 U	0.39 U
CHLOROETHANE	2100	0.83 UJ	8.3 U	0.83 UJ	0.83 UJ	42 UJ	3.3 UJ	0.83 UJ
CHLOROFORM	80	3.8	4.7 U	0.62 J	2	24 U	2.5 J	1.1
CHLOROMETHANE	19	0.63 UJ	6.3 U	0.63 UJ	0.63 UJ	32 UJ	2.5 UJ	0.63 UJ
CIS-1,2-DICHLOROETHENE	70	4.9	340	2.2	0.46 U	23 U	1.8 U	0.46 U
CIS-1,3-DICHLOROPROPENE	NC	0.61 U	6.1 U	0.61 U	0.61 U	31 U	2.4 U	0.61 U
DIBROMOMETHANE	NC	0.4 U	4 U	0.4 U	0.4 U	20 U	1.6 U	0.4 U
DICHLORODIFLUOROMETHANE	NC	0.35 UJ	3.5 U	0.35 UJ	0.35 UJ	18 UJ	1.4 UJ	0.35 UJ
DIISOPROPYL ETHER	NC	0.17 U	1.7 U	0.17 U	0.17 U	8.5 U	0.68 U	0.17 U
ETHYL TERT-BUTYL ETHER	NC	0.4 U	4 U	0.4 U	0.4 U	20 U	1.6 U	0.4 U
ETHYLBENZENE	700	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
HEXACHLOROBUTADIENE	0.14	0.83 U	8.3 U	0.83 U	0.83 U	42 U	3.3 U	0.83 U

Table 5-6
Greater Strawberry Point Groundwater Results, November 2022
Martin State Airport, Middle River, Maryland
Page 2 of 2

LOCATION	MDE screening value	GSP-MW-28 GSP-MW-28-111722 20221117 GW	GSP-MW-40 GSP-MW-40-111622 20221116 GW	GSP-MW-41 GSP-MW-41-111722 20221117 GW	GSP-MW-43 GSP-MW-43-111722 20221117 GW	GSP-MW-44 GSP-MW-44-111722 20221117 GW	GSP-MW-45I GSP-MW-45I-111722 20221117 GW	GSP-MW-46I GSP-MW-46I-111722 20221117 GW
Voatile organic compounds (µg/L)								
ISOPROPYLBENZENE	45	0.49 U	4.9 U	0.49 U	0.49 U	25 U	2 U	0.49 U
M+P-XYLENES	NC	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
METHYL TERT-BUTYL ETHER	20	0.47 U	4.7 U	0.47 U	0.47 U	24 U	1.9 U	0.47 U
METHYLENE CHLORIDE	5	2.6 U	26 U	2.6 U	2.6 U	130 U	10 U	2.6 U
NAPHTHALENE	0.17	0.8 U	8 U	0.8 U	0.8 U	40 U	3.2 U	0.8 U
N-BUTYLBENZENE	NC	0.6 U	6 U	0.6 U	0.6 U	30 U	2.4 U	0.6 U
N-PROPYLBENZENE	NC	0.57 U	5.7 U	0.57 U	0.57 U	29 U	2.3 U	0.57 U
O-XYLENE	NC	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
SEC-BUTYLBENZENE	NC	0.53 U	5.3 U	0.53 U	0.53 U	27 U	2.1 U	0.53 U
STYRENE	100	0.45 U	4.5 U	0.45 U	0.45 U	23 U	1.8 U	0.45 U
TERT-AMYL METHYL ETHER	NC	0.43 U	4.3 U	0.43 U	0.43 U	22 U	1.7 U	0.43 U
TERT-BUTYLBENZENE	NC	0.48 U	4.8 U	0.48 U	0.48 U	24 U	1.9 U	0.48 U
TERTIARY-BUTYL ALCOHOL	NC	7.2 U	72 U	7.2 U	7.2 U	360 U	29 U	7.2 U
TETRACHLOROETHENE	5	0.44 U	4.4 U	0.44 U	0.44 U	22 U	1.8 U	0.44 U
TOLUENE	1000	0.44 U	4.4 U	0.44 U	0.44 U	22 U	1.8 U	0.44 U
TOTAL XYLENES	1000	0.42 U	4.2 U	0.42 U	0.42 U	21 U	1.7 U	0.42 U
TRANS-1,2-DICHLOROETHENE	100	0.51 U	5.1 U	0.51 U	0.51 U	26 U	2 U	0.51 U
TRANS-1,3-DICHLOROPROPENE	NC	0.67 U	6.7 U	0.67 U	0.67 U	34 U	2.7 U	0.67 U
TRICHLOROETHENE	5	28	110	22	0.44 U	3200	34	1.3
TRICHLOROFLUOROMETHANE	NC	0.45 UJ	4.5 U	0.45 UJ	0.45 UJ	23 UJ	1.8 UJ	0.45 UJ
VINYL ACETATE	NC	0.61 UJ	6.1 UJ	0.61 UJ	0.61 UJ	31 UJ	2.4 UJ	0.61 UJ
VINYL CHLORIDE	2	0.45 U	4.5 U	0.45 U	0.45 U	23 U	1.8 U	0.45 U
Tentatively identified compounds-volatiles (µg/L)								
CHLORODIFLUOROMETHANE	NC	1 UJ	10 UJ	1 UJ	1 UJ	50 UJ	4 UJ	1 UJ

Shaded values exceed MDE screening criteria

J - estimated value

GSP - Greater Strawberry Point

GW - groundwater

MDE - Maryland Department of the Environment

NC - no criterion

U - not detected

UJ - nondetect; concentration estimated

APPENDICES

Appendix A—Dig Permit, Miss Utility Report, MAA Permits

Appendix B—Boring and Well Construction Logs

Appendix C—Well Development Logs

Appendix D—Precision Surveying Report

Appendix E—Waste Disposal Documentation

Appendix F—Validated Laboratory Reports




Appendix G—Full Laboratory Reports

Appendix H—Groundwater Purge Log Sheets

APPENDIX A—DIG PERMIT, MISS UTILITY REPORT, MAA PERMITS

Dig Permit

See Enterprise Operations Procedure [EO-28](#), Digging Projects, for instructions.

Date June 16, 2022	Project Manager Anthony Apanavage (Lockheed Martin EESH) Mike Martin (Tetra Tech)		
Building/Location Greater Strawberry Point			
Purpose of work: Monitoring well installation at at GSP near Stansbury Creek and south of Strawberry Point Road, at a maximum of 7 locations to a maximum depth of 55 feet bgs. .			
Company/LM organization performing dig Tetra Tech overseeing Cascade (Drilling contractor)			
Planned dig date Week of July 5th, 2022	Duration One week	Start time 0700	
Expected depth No more than 55 feet bgs	Width 12 inches	Length Up to 7 total locations	
Underground utilities identified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Overhead utilities? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Electrical lines? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas lines? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewer? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Telecommunications? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Other? Specify: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Site-specific or customer utility locating requirements completed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Sketch of dig project (or attach drawing) See Attached A private utility locating contractor (Retrew) was used to mark subsurface utilities with pin flags, paint, and stakes June 15th, 2022. A confirmation letter is attached. Miss Utility Ticket # 22452574 The proposed well installation locations are shown on the figure attached.			
Project Manager Michael Martin 	Date June 16, 2022	Lockheed Martin Project Lead Anthony Apanavage 	Date June, 16, 2022
MSA Operations 	Date June 16, 2022	Customer	Date
MSA Operations	Date	Customer	Date
Customer			Date

Risk Handling Checklist

Project Manager: Use this checklist to develop risk handling plans before the dig starts. You must also review Enterprise Operations Procedure [EO-28](#), Digging Projects.

General Questions	<input checked="" type="checkbox"/> What Lockheed Martin processes could be affected by the dig? No MSA processes or operations are expected to be impacted as all work will be conducted in forested areas and outside of most operations areas. Tetra Tech will work with MSA and their tenants to minimize potential impacts, if present.
	<input checked="" type="checkbox"/> What are the safety hazards? Utilities, slips/trips/falls, vehicle traffic, sonic rig hazards, pinch points
	<input checked="" type="checkbox"/> What could fail? Mechanical components on excavator and auger equipment
	<input checked="" type="checkbox"/> How could it fail? A component of the drilling rig and or equipment could potentially fail. An inspection of the equipment will be conducted on arrival at the site and daily to ensure proper working condition. Approved Health and Safety Plan in place (reviewed by corporate EESH)
	<input checked="" type="checkbox"/> Does the area need to be returned to its normal state when the work is complete? Yes, wells will be finished at surface and any surface areas will be restored upon completion.
	<input checked="" type="checkbox"/> How could the dig affect operations/test/production? No operations will be affected, work has been conducted in these areas many times without any impact to facility operations.
	<input checked="" type="checkbox"/> Have potential risks been addressed with area management? No risks identified
	<input checked="" type="checkbox"/> Am I comfortable with any risk handling plans, understanding the potential impact? Yes
Traffic Control	<input checked="" type="checkbox"/> Ensure proper signage and communication. Existing security fencing separates roads from proposed work areas.
	<input checked="" type="checkbox"/> Coordinate road or access closures through Industrial Security before starting the dig. Existing fencing separates roads from proposed work areas.
	<input checked="" type="checkbox"/> Ensure the work area is isolated from foot traffic by placing barriers and warning lights as required by EO-28 .
	<input checked="" type="checkbox"/> Ensure that vehicle traffic will be safe. Access to Wilson Point Road will proceed with caution.
	<input checked="" type="checkbox"/> Ensure that product transport will be safe. Access to Wilson Point Road will proceed with caution.
Excavation	<input checked="" type="checkbox"/> Review facility drawings to identify utilities. Research old drawings as necessary. Available site engineering and utility maps were reviewed.
	<input checked="" type="checkbox"/> Discuss the project with Facility Engineering/Maintenance staff that may have unique knowledge about the construction area not documented in facility drawings. Work has been completed in this area many times in the past. All third party utility clearance was completed.
	<input checked="" type="checkbox"/> Process form EO-28-1 , Dig Permit. Use this opportunity to explain the process and relate expectations to the contractor/LM organization that will perform the dig.
	<input checked="" type="checkbox"/> Have LM Telecommunications and the local utility identification service locate and mark utilities/underground obstacles.
	<input checked="" type="checkbox"/> Coordinate with other ongoing projects in the affected area. N/A
	<input checked="" type="checkbox"/> Make every effort not to excavate around live utilities in service. Schedule an outage in advance or have Maintenance temporarily shut down and isolate the utilities while excavating. Underground utilities marked by Private Utility contractor locating service. All utilities will be avoided.
	<input checked="" type="checkbox"/> If live utilities cannot be shut down while excavating, know where to isolate or shut them down if they are damaged while excavating. No utilities will be encountered
	<input checked="" type="checkbox"/> Have a spotter(s) work with the equipment operator. Hand dig when necessary. Spotters will always be utilized
	<input checked="" type="checkbox"/> Excavate along the side of the utility; not on top. No utilities will be encountered
	<input type="checkbox"/> Weather may affect the dig. Ensure water pipes are protected during freezing weather, especially if the trench will be left open over night. Rain may cause the side of the trench to slough, which can undermine and break pipes/conduit. N/A
	<input type="checkbox"/> Ensure care when moving trench boxes in and out of trenches so pipes/conduit aren't damaged by the boxes. N/A
	<input checked="" type="checkbox"/> Ensure surface drainage is controlled so that water doesn't get into the excavation and undermine soil supporting utilities. Protections will be incorporated as necessary to protect storm drain piping and outlets.
	<input type="checkbox"/> Ensure stocked material is kept far enough back (minimum 2 feet) so that material and rocks don't fall on utilities in the open hole. N/A.
	<input checked="" type="checkbox"/> Ensure backfilling is done carefully: Re-bed utilities with proper material, filling all voids below. Keep inappropriate material from falling on or being placed in the trench. Be careful when compacting backfill in the two feet directly above the utility. Site restoration consisting of backfilling all auger holes will be completed when each boring is done.
	<input checked="" type="checkbox"/> Keeps the as-built utility drawing in the field while the excavation site is open. Take pictures if possible (horizontal alignment and elevations), if known utilities deviate from facility drawings or if utilities are found that are not on facility drawings. Give the modified as-built drawings to the Building/Facility Manager, who will update the drawing database.
<input checked="" type="checkbox"/> Ensure that the equipment operator digs slowly and remains in control. All site activities will be monitored by Tetra Tech.	
On	<input type="checkbox"/> Ensure that trenching and shoring methods comply with the applicable OSHA regulations and are overseen by a "Competent Person," as defined in those regulations. NA


	<input checked="" type="checkbox"/> Regularly inspect methods to prevent violations. All construction is monitored by Tetra Tech, all personnel have stop work authority.
	<input checked="" type="checkbox"/> Ensure LM employees do not dig or enter any excavation that is more than four feet deep. All work is being completed by Tetra Tech and its subcontractors.
Project Manager signature indicating completion of checklist review Michael Martin 	Date June 16 th , 2022



FIGURE 3-1
PROPOSED MONITORING WELL AND
SURFACE WATER SAMPLING LOCATIONS,
GREATER STRAWBERRY POINT

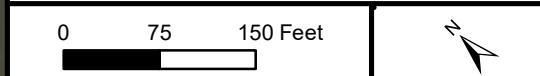
LEGEND

- PROPOSED MONITORING WELL
- ▲ PROPOSED SURFACE WATER SAMPLE LOCATION
- ⊙ EXISTING MONITORING WELL
- FORMER DPT/HPT SAMPLING LOCATION
- BALD EAGLE'S NEST 660-FOOT BUFFER

DPT = Direct Push Technology
 GSP = Greater Strawberry Point
 HPT = Hydraulic Profiling Tool
 MW = Monitoring Well

Aerial photograph provided by the State of Maryland.

Lockheed Martin, Martin State Airport
Middle River, Maryland



DATE MODIFIED: 03/04/22 CREATED BY: JEE



MEMORANDUM

TO: Josh Mullis, Tetra Tech

FROM: Bill Steinhart, RETTEW Field Services, Inc. (RETTEW)

CC: Dave Mostoller, RETTEW Field Services, Inc.

DATE: June 15, 2022

PROJECT NAME: Utility Clearance MW-40 to MW-46
Strawberry Point, MSAP

PROJECT NO.: 019872033

SUBJECT: Utility Clearance Strawberry Point Monitoring Wells

Dear Mr. Mullis:

On June 15, 2022, RETTEW visited the above-referenced site with the purpose of staking out the locations of seven proposed monitoring wells/soil borings and locating underground metallic and non-metallic utilities (i.e., sanitary, storm, gas, telephone, water and electric lines) within 20 feet of each proposed boring within the Strawberry Point area at Martin State Airport. Please note that boring locations were adjusted in the field to stay clear of any utilities and/or subsurface anomalies.

The boring locations were scanned with a Radiodetection RD-8000, Fischer TW-6, and a Sensors and Software Noggin ground penetrating radar (GPR) system. Nearby utilities were marked in the field using semi-permanent paint. Boring locations were adjust by only a few feet to avoid utilities.

The above-referenced subsurface utility survey was completed using standard and/or routinely accepted practices of the geophysical industry and equipment representing the best available technology. RETTEW does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen site-specific conditions. However, we make every effort to identify and notify the client of such limitations or conditions. In addition, please note that the completion of this survey does not relieve any party of applicable legal obligations to notify the appropriate One-Call (811) Center prior to digging or drilling.

As always, we appreciate this opportunity to have worked with you again. If you have any questions, please do not hesitate to contact me.

PREPARED BY:

Bill Steinhart – Utility Locator

Z:\Shared\Projects\01987\019872033 - Tetra Tech Martin State Airport Middle River, MD\SUE\GSP\019872033 GSP Monitoring Well_Letter Report_2022-06-15.docx



From: md@occinc.com
To: [Mullis, Josh](#)
Subject: Ticket: 22452574
Date: Thursday, June 16, 2022 12:10:34 PM

NOTICE OF INTENT TO EXCAVATE		UPDATE	
Ticket No:	22452574	Update Of:	21500939 Update No: 2
Transmit Date:	6/16/22	Time:	12:10 PM
Release Date:	6/16/22	Time:	12:10 PM Type: WEB
Response Due By:	6/21/22	Time:	11:59 PM
Expiration Date:	7/08/22	Time:	11:59 PM

Caller Information

Company:	TETRA TECH, INC	Type:	NON-MEMBER
Contact Name:	JOSHUA MULLIS	Fax:	
Phone:	(410) 279-2700		
Caller Address:	20251 CENTURY BLVD SUITE 200	GERMANTOWN, MD 20874	
Email Address:	josh.mullis@tetrattech.com		
Job Site Contact:	JOSH MULLIS	Phone:	(410) 279-2700
Temporary Company Name:			
Temporary Excavator Name:			
Temporary Excavator Email:			
Acknowledged Temporary Company:			

Dig Site Information

Type of Work:	SOIL BORINGS		
Work Done For:	LOCKHEED MARTIN		
Permit #:		Explosives:	N
Contract Job#:	GSP INVESTIGATION	Trenchless:	NO

Dig Site Location

State:	MD	County:	BALTIMORE
Place:	MIDDLE RIVER		
Subdivision:			
Address / Street:	STRAWBERRY POINT ROAD		
Nearest Intersecting Street:	WILSON POINT ROAD		
MDOT Y/N:	N	MDOT agency:	
MDOT permit:			

Extent of Work:

MARK ALL UTILITIES WITHIN POLYGON, IN THE AREA SOUTH OF STRAWBERRY POINT ROAD. MUST CALL JOSH MULLIS AT 410-279-2700 TO ACCESS THE WORK AREA INSIDE MSA GATE.
BEGINNING AT STRAWBERRY POINT ROAD ENTER GATE AND DRIVE 1000 FEET EAST. WORK AREA BEGINS AT 1000 FEET FROM THE GATE. ONCE AT 1000 FEET, MARK UTILITIES SOUTH OF ROAD TO THE BORDER OF STANSBURY CREEK. WORK CONTINUES ALONG STRAWBERRY POINT ROAD FOR 700 FEET. MARK ALL UTILITIES SOUTH OF STRAWBERRY POINT ROAD FROM 1000 FEET FROM THE GATE TO 1700 FEET FROM THE GATE.

Comments:

UPDATE: WORK WILL BEGIN WEEK OF JULY 5 >>

Excavation Coordinates for # Polygons: 1

Poly 1: NW Lat: 39.3217049 Lon: -76.4179609 SE Lat: 39.3192834 Lon: -76.4138652

Members Notified

District	Company Name	Phone Number
BCGOIT	BALT CO GOVT/SKYLINE	(410) 553-2605
BGEBA	BGE ELECTRIC-UTILIQUEST	(410) 536-0070
BGEBAG	BGE GAS-UTILIQUEST	(410) 536-0070
CBW04	BALTIMORE CITY DPW - OCCLS	(410) 712-0202
CWMD2	COMCAST/UTILIQUEST	(410) 536-0070

Excavator Responsibilities

- * EXCAVATORS MUST ENSURE ACCURACY OF TICKET AND MAPPING BY CLICKING ON [THIS LINK](#)

Colored paint, stakes or flags are used to identify the the horizontal path of the underground utility lines. Red is for electric. Yellow is for gas, oil or petroleum. Orange is for telecommunications and cable television including fiber optic lines. Blue is for water and green is for sewer.

- * DC and MD law requires that you hand dig a minimal of 18 inches of the marked lines. Ticket expiration dates are printed on your ticket(s). Make sure you have a valid ticket for all excavation or demolition activity. If work continues beyond the expiration date, UPDATE your ticket at least three business days in advance of the expiration date by using ITIC or calling Miss Utility.

- * Privately owned facilities such as, but not limited to; sprinklers, invisible fencing and private water or sewer lines will not be located by the Maryland and DC owner-members. Please review the list of notified members on your ticket and contact Miss Utility regarding errors.

- * Locate positive response is law in DC and MD. MD locators use Ticket Check to status their ticket response. DC members will status their response using DC Ticket Check if they subscribe to this system. Ticket Check will attempt to deliver member statuses via your ticket's valid email address, fax number, or by your calling toll free at 1-866-821-4226. When calling the Ticket Check system, contractors will use their caller ID telephone number when prompted for their 10 digit ID number. Homeowners should select the homeowner prompt. Remember, digging should not start until the notified owner members have provided a positive response.

- * You may view your processed ticket, Ticket Check codes, notified members, contact telephone numbers and search for a ticket number using SEARCH & STATUS; as well as process your locate requests online by visiting www.missutility.net

Miss Utility

Ticket number	22781880	Type	STANDARD WEB
Update of	22500686	Update count	4
Original call date	10/24/22 11:15 am	Op / Rev op	webusr2 / webusr2
Response due by	10/26/22 11:59 pm	Release time	10/24/22 11:15 am
Expiration date	11/15/22 11:59 pm		

Excavator information

Company	TETRA TECH, INC		
Address	20251 CENTURY BLVD SUITE 200	Fax	
	GERMANTOWN, MD 20874		
Caller	JOSHUA MULLIS	Phone	410-279-2700
Job site contact	JOSH MULLIS	Phone	410-279-2700
Email	josh.mullis@tetrattech.com		

Temporary excavator company

Temporary excavator name

Temporary excavator email

Acknowledged temporary company

Excavation information

Type of work	SOIL BORINGS		
Work being done for	LOCKHEED MARTIN		
Job # GSP INVESTIGATION	Permit	Explosives N	Trenchless NO

Location information

State	MD	County	BALTIMORE
City/place	MIDDLE RIVER		
Street	STRAWBERRY POINT ROAD		
Intersecting street	WILSON POINT ROAD		
MD state ROW	N		

Extent of work

MARK ALL UTILITIES WITHIN POLYGON, IN THE AREA SOUTH OF STRAWBERRY POINT ROAD. MUST CALL JOSH MULLIS AT 410-279-2700 TO ACCESS THE WORK AREA INSIDE MSA GATE. BEGINNING AT STRAWBERRY POINT ROAD ENTER GATE AND DRIVE 1000 FEET EAST. WORK AREA BEGINS AT 1000 FEET FROM THE GATE. ONCE AT 1000 FEET, MARK UTILITIES SOUTH OF ROAD TO THE BORDER OF STANSBURY CREEK. WORK CONTINUES ALONG STRAWBERRY POINT ROAD FOR 700 FEET. MARK ALL UTILITIES SOUTH OF STRAWBERRY POINT ROAD FROM 1000 FEET FROM THE GATE TO 1700 FEET FROM THE GATE.

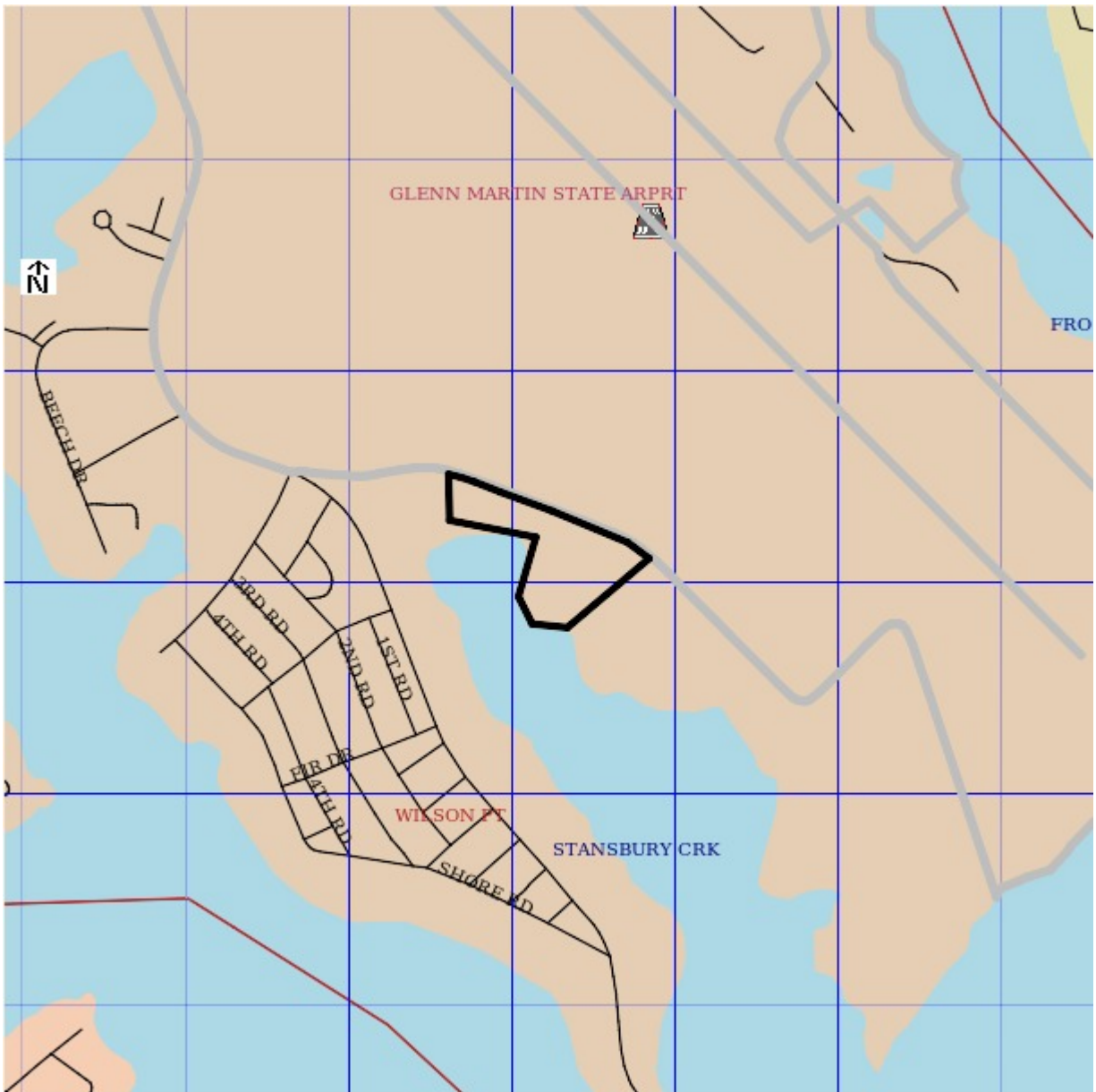
Comments UPDATE: WELL TO BE REINSTALLED >>

NW Lat 39.3217049 **Lon** -76.4179609 **SE Lat** 39.3192834 **Lon** -76.4138652

Members notified

District	Company name	Marking concerns	Damage	Customer service	Status
BCGOIT	BALT CO GOVT/SKYLINE	410-553-2605	410-553-2605	410-553-2605	Clear/No conflict
BGEBA	BGE ELECTRIC-UTILIQUEST	410-536-0070	800-685-0123	800-685-0123	Clear/No conflict (Response by Utiliquest)
BGEBAG	BGE GAS-UTILIQUEST	410-536-0070	800-685-0123	800-685-0123	Clear/No conflict (Response by Utiliquest)
CBW04	BALTIMORE CITY DPW - OCCLS	410-712-0202			Clear/No conflict
CWMD2	COMCAST/UTILIQUEST	410-536-0070	877-359-1821	888-739-1379	Clear/No conflict (Response by Utiliquest)

Map





Office of Architecture
Permits Section

PRE-CONSTRUCTION CONFERENCE AGENDA - MTN

Permit Title: **MTN TETRA GSP TCE Drilling**

PERMIT #: **BP-22-006**

DATE: **6/22/22**

1) Introduction/Sign-In Sheet

Mark Garrett	301-532-1327	mgarrett@bwiairport.com
Chris Kilpatrick	301-640-6097	ckilpatrick@bwiairport.com

2) Inspections

All typical or normally required code or AHJ inspections are to be requested via email directed to the Permits Section discipline inspector, coordinator or the Office of the Fire Marshall (OFM) as appropriate.

3) Additional Permits or Authorizations are Required for the following activities

Burn Permit (use of open flame)	Airport Zoning Permit (AZP) Activity using a crane
OFM Use and Occupancy Permit (prior to public occupancy)	Liquor License (AA County)
Digging Authorization (see below)	

4) Schedule

Work Hours	Weekly Revisions/Updates	Start and Completion Dates
------------	--------------------------	----------------------------

5) Tenant Information Advisory (TIA)

A TIA is to be use for information to tenants announcing all planned service interruptions or activities in their areas that may affect/impact their operations/services.

6) Airport Access Badging and Security

Martin State Airport concerns,:

Front Gate Guard	410-682-8819
Airport Operations	410-682-8831 /8805

Martin State Airport Badging and Training:

1. Have a valid Driver's License
2. Take a Driver's test at Operations

Security, Badging and Training topics include but are not limited to the following:

Escorting Vehicle Permits Tool Control Equipment Staging
Project Security Plan (PSP) SIDA

- Security violations subject to fines up to \$10,000 for each occurrence per man and/or company and loss of badge.

7) BWI Fire and Rescue Division - Fire Prevention and Inspection Section

Contractor must contact Marian Curry (410-859-7511) mcurry@bwiairport.com to arrange and schedule the following:

Fire extinguishers Burn Permits Required Submittals Inspections

Equipment, tool, vehicle and supply storage areas shall be reviewed and approved prior to use.

8) Staging, Refuse Containment and Disposal

- Coordinate dumpster or staging locations with MTN operations.
- Dumpsters must be securely covered at all times.
- Dumpsters must be labeled with company name, contact information and permit number.
- Ramp must be protected from dumpster wheels by a wood separation or metal plate if on asphalt.
- Dumpster area to be clean. Any surrounding debris must be picked up, regardless of its origin.
- Dumpster must be removed by scheduled completion date.
- Equipment, tools, or material found in locations other than designated staging areas is subject to immediate disposal by MAA.

9) Embedded and Underground Utility Protection

Contractor is responsible to locate, mark, isolate and protect embedded or underground utilities prior to making any penetrations or excavations.

MAA Digging Authorization Concrete GPR scan

10) Electrical Installations

Contact Mark Garrett (Electrical Inspector) at 301-532-1327

Installations and equipment shall meet NEC & MAA Design Standards.

Conduit shall be minimum ¾" (power) and 1" (data) throughout with either set screw (except exterior applications) or compression steel fittings.

Fixture flexible cable lengths are limited to maximum six (6) feet in length.

Revisions shall be acceptable per the MAA Design Standards.

11) Point of Contact (POC) and Emergency Information

The contractor is to provide the above to the MAA at the Pre-Construction meeting (PreCon) as back-up in the event of after hour emergencies.

Martin State Airport lists the following emergency contact numbers.

MEDICAL-RESCUE-FIRE EMERGENCIES

911

Airport Police	911
Front gate Security Guard	410-682-8819
Airport Operations	410-682-8831 or 410-682-8805

12) Safety

Contractor must submit a job specific safety plan to MAA Division of Documents and Permits (DDP) seven (7) days prior to construction.

The contractor maintains and controls the site safety plan and conditions.

MAA confined space entry permits are required prior to entry.

Personal Protective Equipment is mandated as appropriate.

13) Roof Penetrations and Repairs

Roofing leaks, removed equipment penetration closures and weatherproofing of new penetrations must be performed by the roofing contractor warranting the existing roof installation. To obtain contact information for the specific contractor for the roof in question, contact the Building Maintenance Supervisor's Office at (410) 682-8813.

14) Design Changes and As-Built Drawings

Red lined drawings shall be maintained throughout the work and available to the MAA at the final walkthrough for review or inspection.

Design changes may need additional review through the MAA as requested.

Supplemental Requirements for Record/As-Built Drawings

The Record/As-Built drawings must incorporate all red lined layout with dimensions and note changes made since the issuance of the Permit for use as base drawings for future renovations. **Within 70 days** of the Final Inspection, Tenant must provide a set of Record/As-Built drawings to the Permits Section. The Record/As-Built drawing submittal shall include a hardcopy (24x36), AutoCAD LT 2012 as well as PDF format drawings on CD. The CD must be clearly labeled with the company name, project title, permit number, and date of CD preparation. AutoCAD drawings to follow MAA Computer Aided Design (CAD) Standards.

15) MAA Pre-Final Inspection Submittals

Architectural Mechanical & Plumbing Water Proofing Floor Flood Test Pipe Pressure tests
Red line (As-Built) and Record Drawings (See Item 14) HVAC Testing And Balance Report

Additional submittals may be required.

16) Hazardous Materials

Contact Mark Williams (Environmental Compliance Section) at 410-859-7448.

Asbestos/Lead Paint Hazardous Materials & Waste Mold

All noise, dust, smoke and vapors shall be contained at all times. There shall be no installations of discomforting vapors or flammable sealants, adhesives or finishes without prior notification and scheduling made through the Field Inspector.

17) Erosion and Sediment Control, Wetlands, Streams, and 100-year Floodplain

Contact Evans Browne (Environmental Compliance Section) at 410-859-7806.

Sediment Control Permit (MDE) Storm Water Discharge Permit (N0I)
Wetlands, Stream & 100 Year Floodplain Permit (MDE)

Any project involving grading, excavating, or earth moving must implement appropriate sediment and erosion control measures. Any project resulting in more than a 5,000 square foot area of disturbance or 100 cubic yards of excavation must secure an Erosion and Sediment Control/Stormwater Management Permit through the Maryland Department of the Environment. Projects which impact streams, wetlands, the 25-foot wetland buffer (100-foot buffer for "Wetlands of Special State Concern), and/or the 100-year flood plain are subject to approval through the Maryland Department of the Environment.

18) Stop Work Notification

The Permits Section Inspector may issue a "STOP WORK ORDER" on projects in the event there are serious code violations or if work is being performed in a dangerous or unsafe manner. The Stop Work Order shall remain in effect until the cause(s) has/ have been satisfactorily resolved.

Contractors/Subcontractors not listed on the Contractor Log shall not be allowed to execute work until the information required has been submitted and accepted by the Permits Section.

19) General Contractor Responsibilities

The Permit-assigned General Contractor is responsible for all personnel performing any of the contracted work.

All Contractor/Sub-Contractor current business license copies shall be posted alongside the issued permit at the job site.

All contractors' and subcontractors' information shall be listed on the "LIST of CONTRACTORS and SUBCONTRACTORS" form. The form shall be updated and maintained throughout the work and submitted to the Field Inspector whenever revised.

20) Final Inspection Notification

Contractor shall contact the Permits Section forty-eight (48) hours prior to scheduled date.

21) Contact Personnel

Contact:

Syed Shariq	410-859-7506
Tasha Martin	410-210-6046
Mark Garrett	301-532-1327
Chris Kilpatrick	301-640-6097
Operations	410-682-8805



Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

James F. Ports, Jr.
Secretary

Ricky D. Smith, Sr.
Executive Director

June 9, 2022

Mr. Josh Mullis
Tetra Tech, Inc.
Lockheed Martin
20251 Century Blvd., Suite 200
German Town, MD 20874

Dear Mr. Mullis:

SUBJECT: Building Permit # BP 22-006 MTN TETRA GSP TCE DRILLING

Please find enclosed the approved Permit for the above referenced project. Permit approval is subject to compliance with provisions and stipulations contained in the Permits Information Guide contained within the Tenant Directive 007.01. The issuance or granting of this permit shall not be construed to be an approval of any violation of other Maryland Aviation Administration (MAA) or Code of Maryland (COMAR) regulations. MAA reserves the right to suspend or revoke the permit whenever it is deemed to be issued on the basis of incorrect, inaccurate or incomplete information provided by the applicant.

Please see the attached list of MAA departments and offices that need to be contacted prior to the start of work. Also, please refer to the Permits Information Guide to see if any other permit or authorization is required. The approved Permit, Permit Plan Set and Permit Comments shall be kept at the project location until the completion of the project. Approved Contractor shall maintain a Red Lined Set at project location at all times. Revisions to design shall be submitted to and approved by MAA's Permits Section prior to construction. As-Built Drawings are to be received no later than 70 days from Final Inspection acceptance.

This permit shall become invalid unless the work on the site authorized by this permit is commenced within 180 days after issuance, or if the work is suspended or abandoned for a period of 180 days after the work is commenced. The issuance of this permit shall not relieve the applicant from his/her responsibility to ensure proper design and construction of this project.

Sincerely,



Syed Shariq AIA, Manager
Permits Section

**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

CONSTRUCTION PERMIT

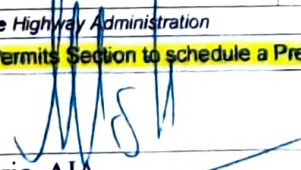
X	Building Permit
	Installation Permit
	Single Trade Permit

Permit Information			
Project Name: MTN TETRA GSP TCE DRILLING	Airport:	<input type="checkbox"/>	BWI
		<input checked="" type="checkbox"/>	MTN
Project Location: Greater Strawberry Point	Tenant Space No: N/A		
Permit Issued to: Tetra Tech, Inc. / Lockheed Martin	Tel.: 410.279.2700		
	E-mail: josh.mullis@tetratech.com		
Contact Person: Josh Mullis	Tel.: 410.279.2700		
	E-mail: josh.mullis@tetratech.com		
Mailing Address: 20251 Century Blvd., Suite 200 German Town, MD 20874	Emergency Tel. Number: 410.279.2700		

Contractor/ Installer	
Construction Company/Organization: Cascade	MD Const. License No: MWD575
	Expiration: 6/1/2023
Address: 22722 29 th Drive SE, Ste 228, Bothell, WA 98021	Tel.: 740-373-3970
	E-mail: JMcCombs@cascade-env.com
Contact Person: Jim McCombs	Emergency Tel. Number: 740-350-6611
	E-mail: JMcCombs@cascade-env.com

Additional Permits/Authorizations Required Prior to Start of Work			
Airport Zoning Permit		Hot Work/Welding Permit/ Hydrant Use Permit	
Contact MAA Fac. Planning: 410-859-7793		Contact BWI Fire & Rescue: 410-859-7511	
Utility Modification/Digging Authorization	X	Department of Health Approval	
Contact MAA Inspections: 410-859-7796		Contact AA County DOH: 410-222-7238	
Confined Space Entry Permit		Liquor License	
Contact MAA Inspections: 410-859-7796		Contact AA County Liquor Board: 410-222-1148	
State Highway Admin. Access Permit		MAA Tenant Advisory	
Contact State Highway Administration		Contact MAA Operations: 410-859-7974	

Call MAA Permits Section to schedule a Preconstruction Meeting Before Start of Work

Approval	Permit No.
	BP-22-006
Syed Shariq, AIA Manager, Permits Section	Date Issued: June 9, 2022

THIS PERMIT IS ISSUED BY MARYLAND AVIATION ADMINISTRATION AS AUTHORIZATION TO PERFORM APPROVED CONSTRUCTION ACTIVITIES AS DESCRIBED AND SHOWN ON APPROVED PERMIT PLANS AND SPECIFICATIONS

Post in a Conspicuous Place at Job Site

Building Permit No. BP-22-006 is *approved as noted* and subject to compliance with the applicable codes, MAA Design Standards and the follow comments: *N/A*

GENERAL COMMENTS

1. Applicable Codes & Regulations as per Tenant Directive 007.1 apply.
2. Display MAA Permit and contractor/subcontractor current business licenses on site at all times.
3. Secure all tools and equipment in public/sterile areas and ensure that all doors are locked when no one is present in the construction area. No tools are to be left unattended. Follow proper escort procedures in the SIDA.
4. All loose debris/trash, on or about AOA, shall be deposited in an acceptable, covered trash receptacle, the placement of which is to be approved by OPS. No debris/trash shall be left about roof, spaces open to the AOA, conveyance, or near open trash receptacles at any time.
5. Firestop penetrations through fire rated assemblies and seal all unused/abandoned openings using appropriate UL-listed firestopping systems.
6. Sleeves:
 - Sleeves shall be installed for cable and raceway penetrations of concrete slabs, masonry and fire rated gypsum walls and other floor and wall assemblies.
 - Sleeves will be installed during erection of concrete and masonry walls.
 - Sleeves shall be installed in concrete slabs supported by pan decking to ensure full sealing of the uneven lower surface around the pan.
 - New concrete slabs are acceptable to be poured with the concrete surrounding the new conduit without the use of sleeves.
7. Provide support to structural member for any mechanical, electrical or other building elements not scheduled for removal but attached to items being demolished.
8. Core drilling, concrete floor cutting or other removal methods (on-grade, elevated, and post tensioned) shall be preceded by NDT to show that no embedded conduits or structural reinforcing will be disturbed in the proposed locations. The MAA Design Standard DST 2007-01 Core Drilling of Concrete Floors shall be used as reference.
9. Electrical:
 - a. Electrical, communication, security or fire safety wiring/systems shall not be interrupted without notification and coordination with authority having jurisdiction and written approval by said authority.
 - b. MC/FMC ¾ inch minimum size, 6 foot maximum length, except as allowed to fish existing walls per MAA Design Standards.
 - c. Conduit size shall be ¾" minimum for power and 1" for communication.
 - d. All conduit fittings shall be steel.
 - e. All wire/cable shall be plenum rated.
 - f. Only brushed stainless steel device covers allowed.
 - g. Exothermic weld required for electrical grounding to building steel per MAA-DST.
 - h. Install expansion joints at points required.
10. Mechanical/Plumbing:
 - Roof mounted equipment issues:
 - Gas pipe exposure on the roof shall be minimized.
 - Roof mounted equipment condensate drains shall be routed to the nearest roof drain.
 - Condensate drains shall not rest directly on the roof.
 - Existing roof warranties shall be maintained.
 - High pressure stainless steel couplings shall be used on all sanitary waste and vent piping.
11. Hot Work & Welding:
 - Open flame welding and cutting shall not be allowed without burning permit as issued.
 - During flame welding and flame/mechanical cutting operations install protective weld screens and non-flammable fire protection blankets.
12. Office of Airport Security (OAS) Requirements during Construction for MAA and Tenants' Contractors and all Subcontractors:
 - Submit a Project Security Plan (PSP) for all work performed within the Airport's Restricted areas, i.e., in the terminal, within the Security Perimeter fence line, in a cargo building that serves as part of the fence line, within 300 feet of the terminal and within 10 feet of the fence line (both sides). This must be submitted and approved by the Office of Airport Security 10 business days prior to the commencement of work. A template can be provided once the permit/contract is approved and/or awarded.

- Submit a Sensitive Security Information (SSI) Management Plan for all work that involves any of the Airport's access control systems and/or camera systems. This must be submitted and approved by the Office of Airport Security 10 business days prior to the commencement of work. A template can be provided once the permit/contract is approved and/or awarded.
- **NOTE:** Any projects performed at the Kauffman Building will require a PSP and a SSI Management Plan.
- Personnel requiring access to any restricted area work site must complete a fingerprint based Criminal History Record Check (CHRC), a Security Threat Assessment (STA) and be trained and tested prior to obtaining the appropriate BWI Marshall issued ID badge. Individuals who will not be able to successfully complete a CHRC and/or STA are not permitted to work in the restricted areas of the airport property. Individuals are not permitted to be under escort to access restricted areas of the airport if they cannot successfully pass the background process.
- Personnel with Escort (E) authority will maintain all escorted non-badged personnel and/or vehicles within sight and reasonable speaking distance at all times and must maintain positive control of the individual(s) being escorted to, from and at the work site. One badge holder with Escort authority may escort no more than five (5) non-badged personnel. **Escorts shall have no other responsibilities while performing escort duty.**
- Obtain appropriate BWI Marshall Airfield Registration stickers and inspection for all essential vehicles/equipment requiring access to restricted area work sites. Vehicles/equipment without an authorized/current BWI Marshall Airfield Registration sticker(s) will not be left unattended at anytime and must remain under continuous escort.

**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

Permits
P. O. Box 8766, BWI Airport
Maryland, 21240-0766
Tel. 410-859-7796
Fax: 410-859-5440

APPLICATION FOR BUILDING PERMIT

GENERAL INFORMATION (To be completed by the applicant, please print)			
Project Name: GSP TCE Characterization		Airport: <input type="radio"/> BWI <input checked="" type="radio"/> MTN	
Project Location (Bldg./Terminal, Level, Holdroom, Room No. etc.): Greater Strawberry Point		Tenant Space No.: N/A	
Name of Tenant: Lockheed Martin Corporation		Tel.:	
Applicant/Contact Person: Joshua Mullis		E-mail: same as above	
Representing: Tetra Tech, Inc.		Tel.: 410-279-2700	
Mailing Address: 20251 Century Blvd, Suite 200, Germantown MD 20874		Cell No.: 410-279-2700	
		Fax: 301-528-3000	
Brief Description of Project: (200 character limit) Installation of monitoring wells for groundwater sampling and characterization - Environmental		E-mail: josh.mullis@tetrattech.com	
Estimated Construction Cost (Required): \$ 100,000		Check Appropriate Box: MAA <input type="checkbox"/> Funding Source: Existing Tenant <input type="checkbox"/> New Tenant <input type="checkbox"/>	
Name of Architect/Engineer: Tetra Tech, Inc		Tel.: same as above	
Address: 20251 Century Blvd, Suite 200, Germantown MD, 20874		Fax: same as above	
Name of Contact: Joshua Mullis		E-mail: same as above	
Name of Contractor: Cascade		Tel.: 740-373-3970	
Name of Contact: Jim McCombs		Cell/Emergency No: 740-350-6611	
Maryland Contractor's License Number: MWD575		E-mail: JMcCombs@cascade-env.com	
* Attach Photocopy of Current MD Contractors License and Insurance Certificate.		Expiration Date: 6/1/2023	
Check Appropriate Box:			
Will a crane be used during construction?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Will the work be done in a "Confined Space?"
Will the work involve "Hot Work/Welding?"	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Will the work involve Trenching and Excavation?
Will rooftop equipment be provided?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
If the answer to any of these questions is Yes, additional permits or authorizations may be required. (See Permits Information Guide for definitions and list of supplementary permits).			
Applicant's Signature: <u>Joshua Mullis</u>		Date: <u>5/25/2022</u>	
FOR OFFICE USE ONLY			
Complete Application Form	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Safety Plan
Insurance Certification	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Commercial Management Authorization
Copy of Contractor's License	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Check List
Dwgs. Stamped by Licensed Architect/Engineer	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	CD
Permit Coordinator: <u>Joshua Mullis</u>	Date: <u>5/25/2022</u>		
Date Received:	BP Number: BP 22-006		
Date of Meeting:			
Date of Release:			



MARYLAND DEPARTMENT
OF TRANSPORTATION

MARYLAND AVIATION
ADMINISTRATION

OFFICE OF THE FIRE MARSHAL
FIRE PREVENTION DIVISION

DATE:

5/25/22 *and* 5/31/22

REVISE AS NOTED AND RESUBMIT

APPROVED WITH NOTED COMMENTS

APPROVED AS SUBMITTED

BY:



**FIGURE 3-1
 PROPOSED MONITORING WELL AND
 SURFACE WATER SAMPLING LOCATIONS,
 GREATER STRAWBERRY POINT**

LEGEND

- PROPOSED MONITORING WELL
- ▲ PROPOSED SURFACE WATER SAMPLE LOCATION
- ◊ EXISTING MONITORING WELL
- FORTNER DPT/PT SAMPLING LOCATION
- BALD EAGLE'S NEST 660-FOOT BUFFER

DPT - Direct Push Technology
 GSP - Greater Strawberry Point
 HPT - Hydraulic Profiling Tool
 MW - Monitoring Well

Aerial photograph provided by the State of Maryland

**Lochheed Martin, Martin State Airport
 Middle River, Maryland**

0	75	150 Feet
DATE MODIFIED 03/04/22		
CREATED BY JEE		



- Being Proposed
- Well, Monitoring
- Secondary Manhole
- Secondary Pump Pit
- Storm Inlet
- Telecom Manhole
- Map Alignment Feature
- Fence
- GPR Info
- Sanitary Force Main
- Sanitary Main
- Storm Culvert
- Telecom Corridor
- Unknown
- Water
- GPR Anomaly

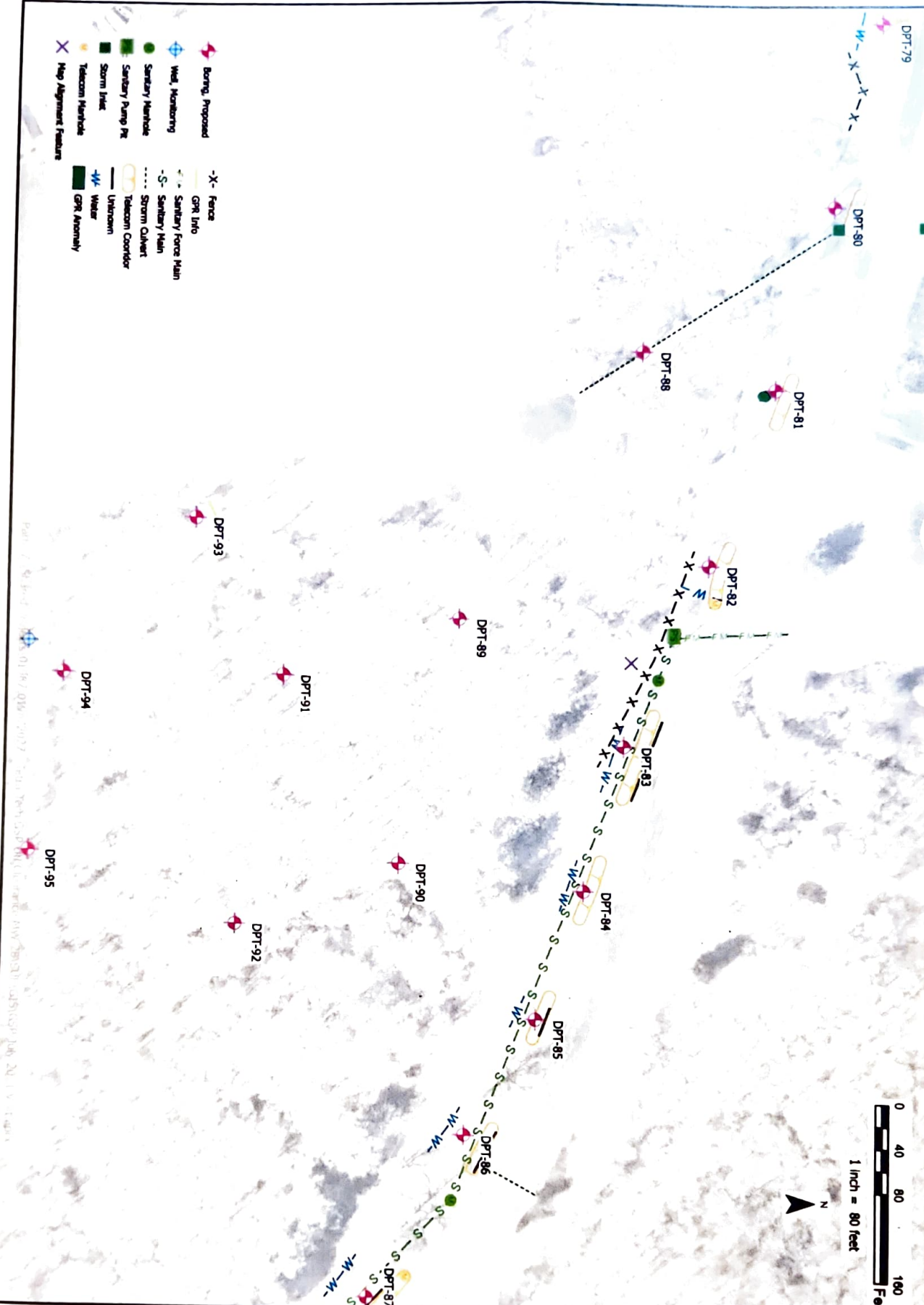


Figure 1: Greater Strawberry Point DPT Utility Clearance

Martin State Airport
Middle River, MD

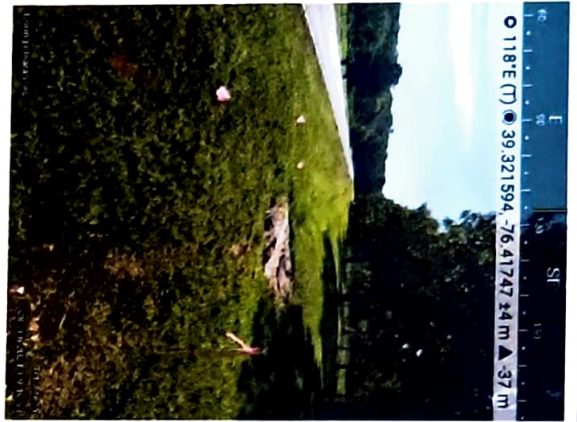


RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 395-1063

SURVEY DATE:	06/28/2021
PROJECT No:	019872027
REVIEWED BY:	JBS
DRAWN BY:	WES
REVISION DATE:	07/21/2021
FIGURE No:	1 of 1



DPT-79



DPT-80



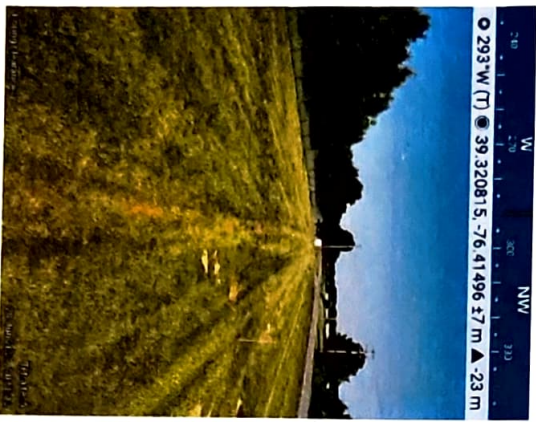
DPT-81



DPT-82



DTP-83



DTP-84



DTP-85



DTP-86

Attachment A: Site Photographs 1

Martin State Airport
Middle River, MD



RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 394-1063

SURVEY DATE:	06/28/2021
PROJECT No.:	019872027
REVIEWED BY:	JBS
DRAWN BY:	WES
DATE:	7/21/2021
SCALE:	-
FIGURE No.:	1 OF 3



DPT-87



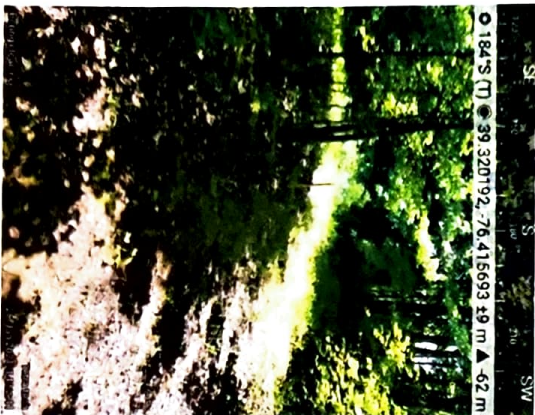
DPT-88



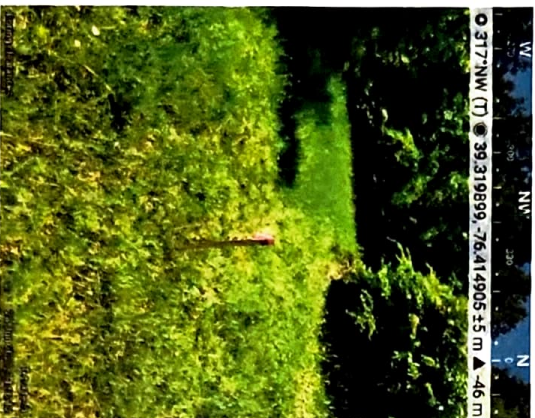
DPT-89



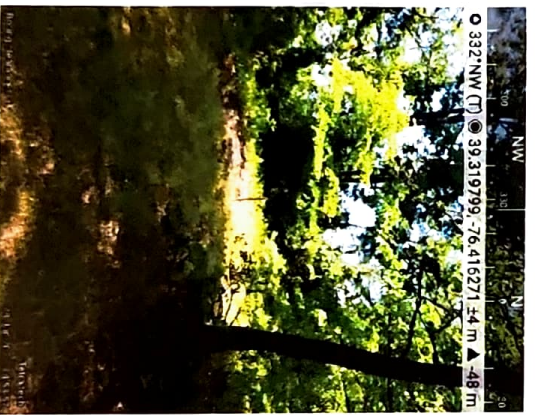
DPT-90



DTP-91



DTP-92



DTP-93



DTP-94

Attachment A: Site Photographs 2

Martin State Airport
Middle River, MD



RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 394-1063

SURVEY DATE:	06/28/2021
PROJECT No.:	019872027
REVIEWED BY:	JBS
DRAWN BY:	WES
DATE:	7/21/2021
SCALE:	-
FIGURE No.:	20F 3

98-1cd



Attachment A: Site Photographs 3

Martin State Airport
Middle River, MD

RETTEW

RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 394-1063

SURVEY DATE:	06/28/2021
PROJECT No.:	019872027
REVIEWED BY:	JBS
DRAWN BY:	WES
DATE:	7/21/2021
SCALE:	—
FIGURE No.:	3 OF 3

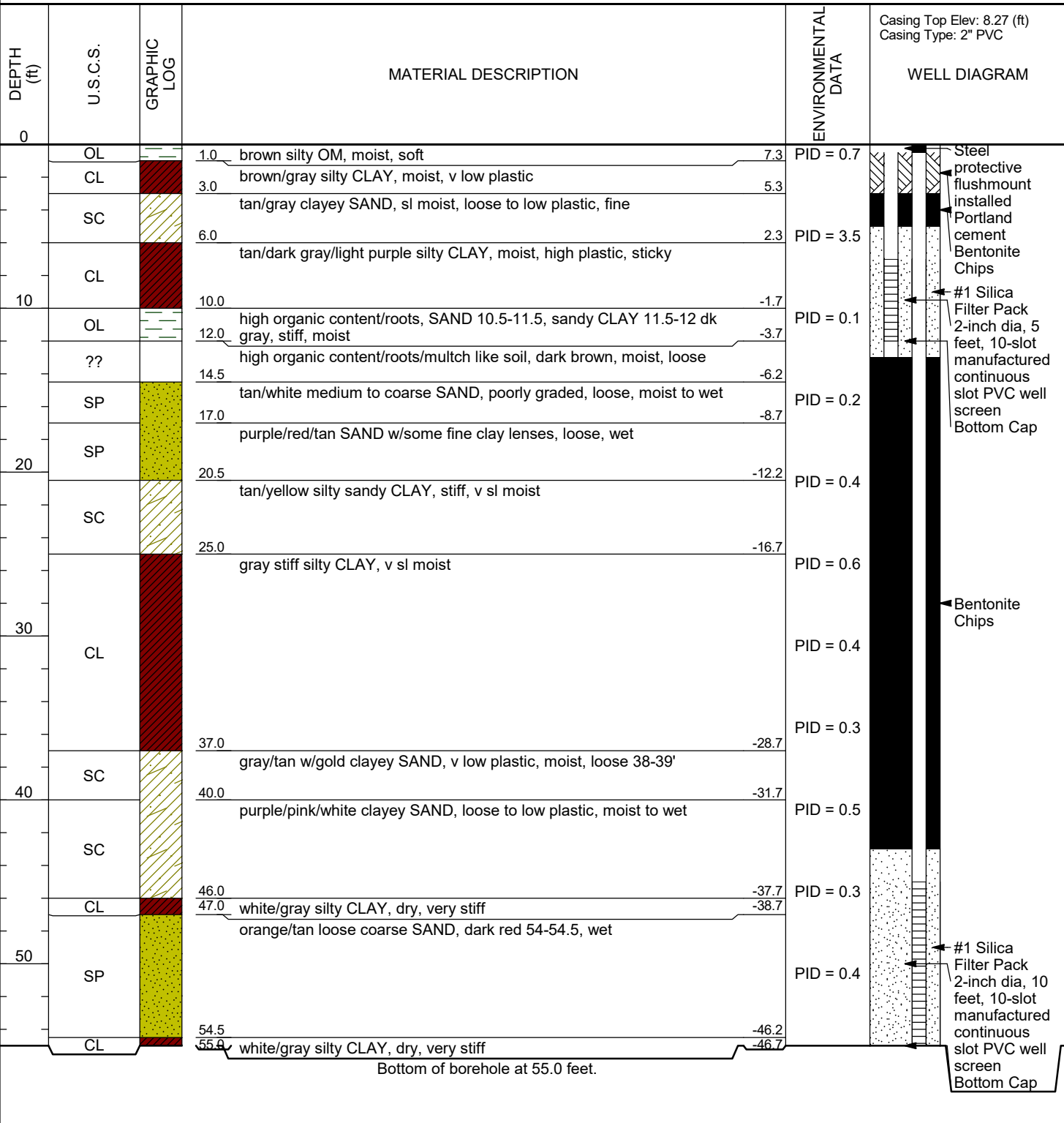
APPENDIX B—BORING AND WELL CONSTRUCTION LOGS



Tetra Tech Inc.
20251 Century Blvd
Germantown, MD
Telephone: 301-528-3000

WELL NUMBER GSP-MW-40/42I

CLIENT Lockheed Martin Corporation **PROJECT NAME** GSP TCE Characterization Well Install
PROJECT NUMBER 112IC09076 **PROJECT LOCATION** Greater Strawberry Point
DATE STARTED 7/6/22 **COMPLETED** 7/6/22 **GROUND ELEVATION** 8.27 ft **HOLE SIZE** 8 inches
DRILLING CONTRACTOR CASCADE - L. Hunsberger **DRILLING METHOD** SONIC
GROUND WATER LEVELS: **LOGGED BY** J. Mullis
AFTER DRILLING --- **DATUM:** MD STATE NAD 1983
NOTES MW-40 screened 7-12', MW-42I screened 45-55' **NORTHING** 602848.8179 ft **EASTING** 1478025.6168 ft



TT MW BORING 3 - GINT STD US LAB.GDT - 8/31/22 09:15 - C:\USERS\JOSH.MULLIS\DESKTOP\PPRACTICE 022618.GPJ



Tetra Tech Inc.
20251 Century Blvd
Germantown, MD
Telephone: 301-528-3000

WELL NUMBER GSP-MW-41

CLIENT Lockheed Martin Corporation PROJECT NAME GSP TCE Characterization Well Install
 PROJECT NUMBER 112IC09076 PROJECT LOCATION Greater Strawberry Point
 DATE STARTED 7/7/22 COMPLETED 7/7/22 GROUND ELEVATION 8.39 ft HOLE SIZE 6 inches
 DRILLING CONTRACTOR CASCADE - L. Hunsberger DRILLING METHOD SONIC
 GROUND WATER LEVELS: LOGGED BY J. Mullis
 AFTER DRILLING --- DATUM: MD STATE NAD 1983
 NOTES Screened 12-22' NORTHING 602852.7982 ft EASTING 1478015.5986 ft

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0					
1.0	OL		brown silty OM, moist, soft	PID = 0.1	
3.5	SC		grayish tan clayey SAND, low plastic, moist, fine	7.4	Steel protective flushmount installed
4.9					
5.0	SC		tan/gold w/gray sandy CLAY, moist, stiff to med plastic	PID = 0.5	Portland cement
7.0					
14.5	SC		light gray 7-9', dark gray 9-10', clayey SAND, moist to wet, loose to v low plastic	1.4	
12.0					
12.0	OL		wooden organic matter/roots/mulch like, loose, wet, dark brown	PID = 1.3	Bentonite Chips
14.5					
15.0	SP		coarse poorly graded SAND, loose, wet	PID = 0.1	
16.0					
16.0	SW		well graded SAND, loose, white/gray, pebbles, wet	-7.6	#1 Silica Filter Pack
17.0					2-inch dia., 10-foot; 10-slot manufactured continuous slot PVC well screen
17.0			medium poorly graded SAND, loose, white 17-18', red 18-21.5', wet	-8.6	
21.5	SP				
21.5					
22.0	CL		tan w/red mottled silty CLAY, stiff, v sl moist	PID = 0	Bottom Cap
22.0					

Bottom of borehole at 22.0 feet.

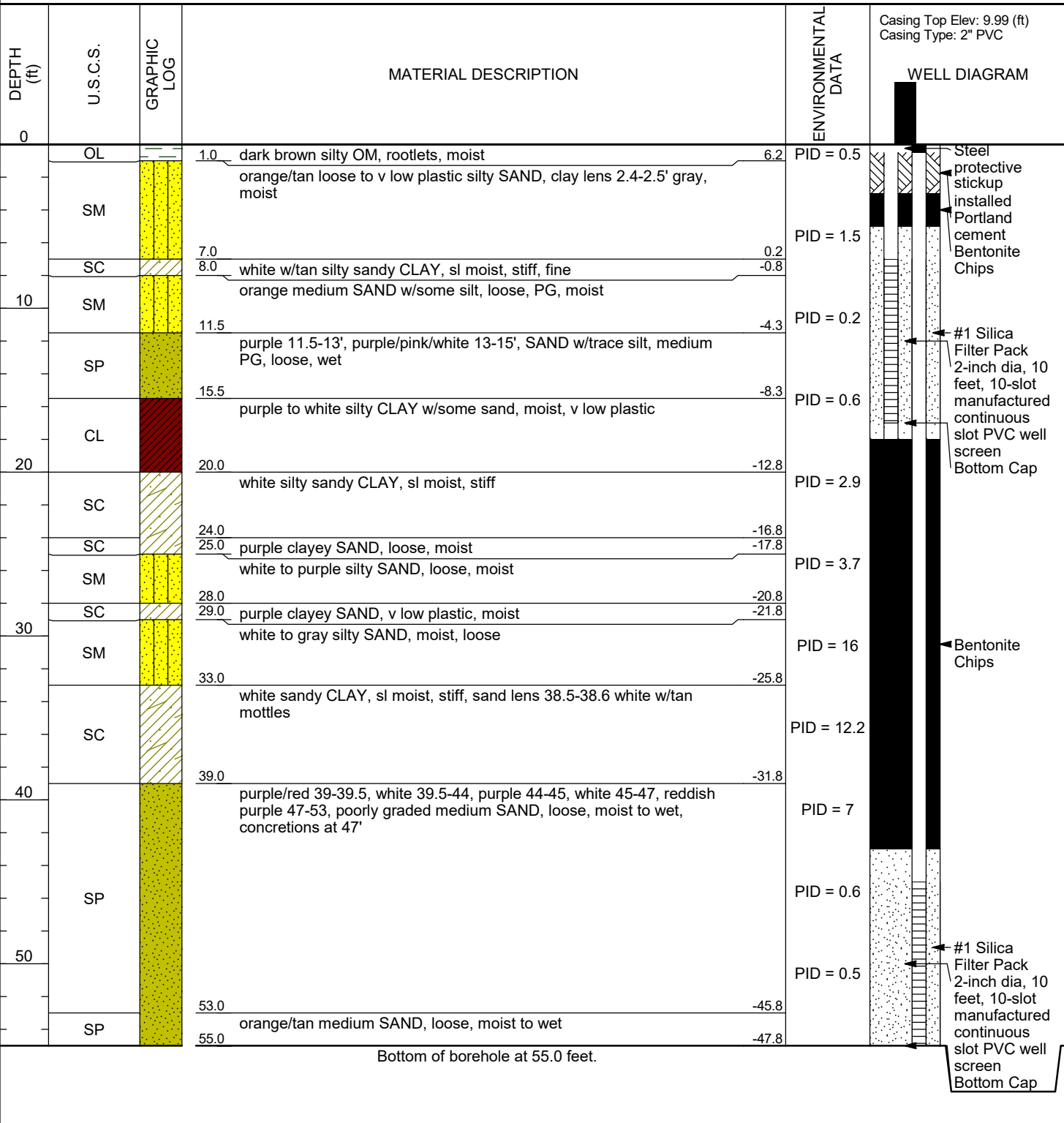
TT MW BORING 3 - GINT STD US LAB.GDT - 8/31/22 09:15 - C:\USERS\JOSH.MULLIS\DESKTOP\PPRACTICE 022618.GPJ



Tetra Tech Inc.
20251 Century Blvd
Germantown, MD
Telephone: 301-528-3000

WELL NUMBER GSP-MW-43/45I

CLIENT Lockheed Martin Corporation **PROJECT NAME** GSP TCE Characterization Well Install
PROJECT NUMBER 112IC09076 **PROJECT LOCATION** Greater Strawberry Point
DATE STARTED 7/8/22 **COMPLETED** 7/11/22 **GROUND ELEVATION** 7.19 ft **HOLE SIZE** 8 inches
DRILLING CONTRACTOR CASCADE - L. Hunsberger **DRILLING METHOD** SONIC
GROUND WATER LEVELS: **LOGGED BY** J. Mullis
AFTER DRILLING --- **DATUM:** MD STATE NAD 1983
NOTES MW-43 screened 7-17', MW-45I screened 45-55' **NORTHING** 602783.6346 ft **EASTING** 1477753.8964 ft



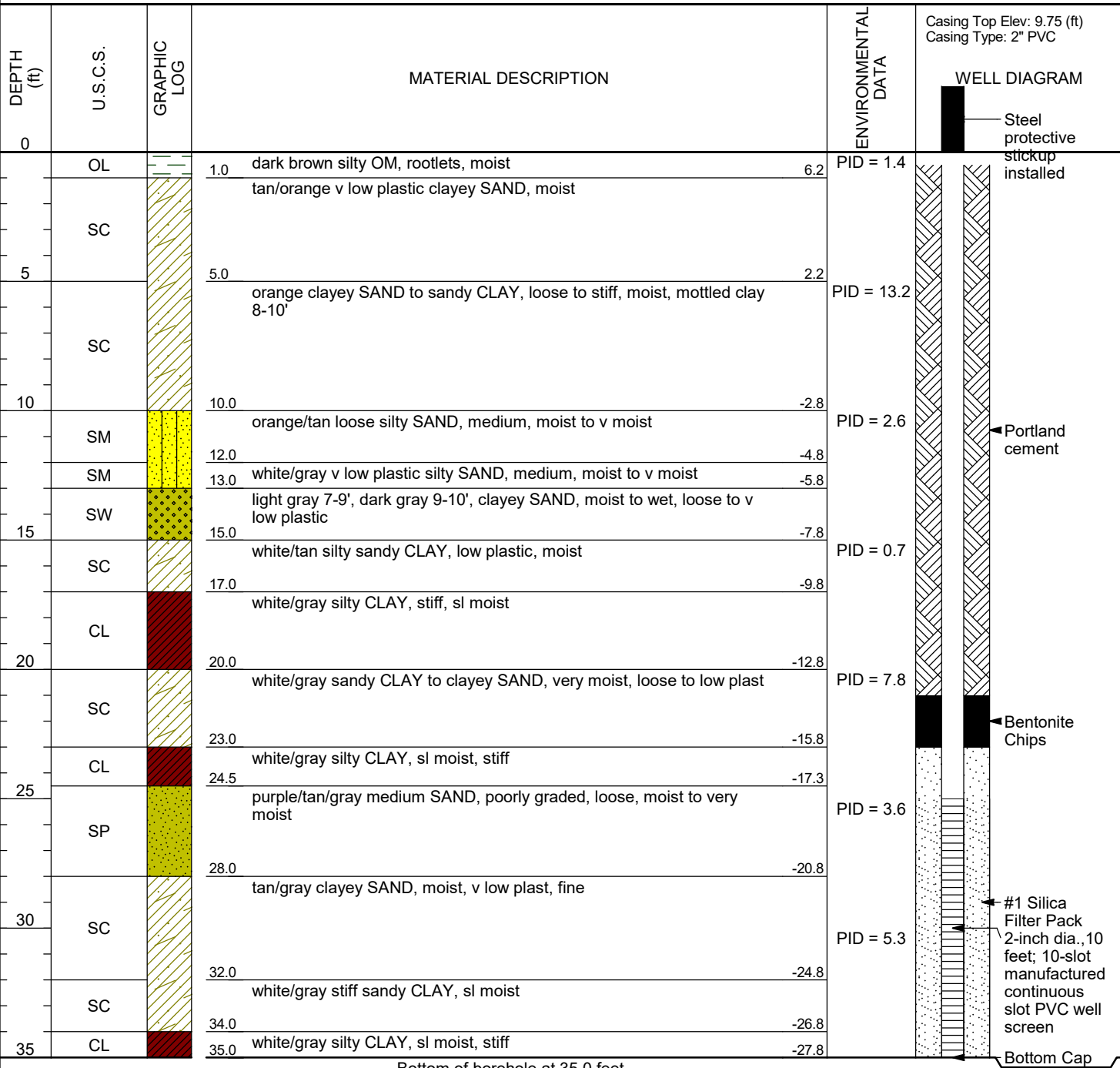
TT MW BORING 3 - GINT STD US LAB.GDT - 8/31/22 09:15 - C:\USERS\JOSH.MULLIS\DESKTOP\IPRACTICE 022618.GPJ



Tetra Tech Inc.
20251 Century Blvd
Germantown, MD
Telephone: 301-528-3000

WELL NUMBER GSP-MW-44

CLIENT Lockheed Martin Corporation PROJECT NAME GSP TCE Characterization Well Install
 PROJECT NUMBER 112IC09076 PROJECT LOCATION Greater Strawberry Point
 DATE STARTED 7/12/22 COMPLETED 7/12/22 GROUND ELEVATION 7.21 ft HOLE SIZE 6 inches
 DRILLING CONTRACTOR CASCADE - L. Hunsberger DRILLING METHOD SONIC
 GROUND WATER LEVELS: LOGGED BY J. Mullis
 AFTER DRILLING --- DATUM: MD STATE NAD 1983
 NOTES Screened 25-35' NORTHING 602788.2811 ft EASTING 1477748.9452 ft



TT MW BORING 3 - GINT STD US LAB.GDT - 8/31/22 09:15 - C:\USERS\JOSH.MULLIS\DESKTOP\PPRACTICE 022618.GPJ

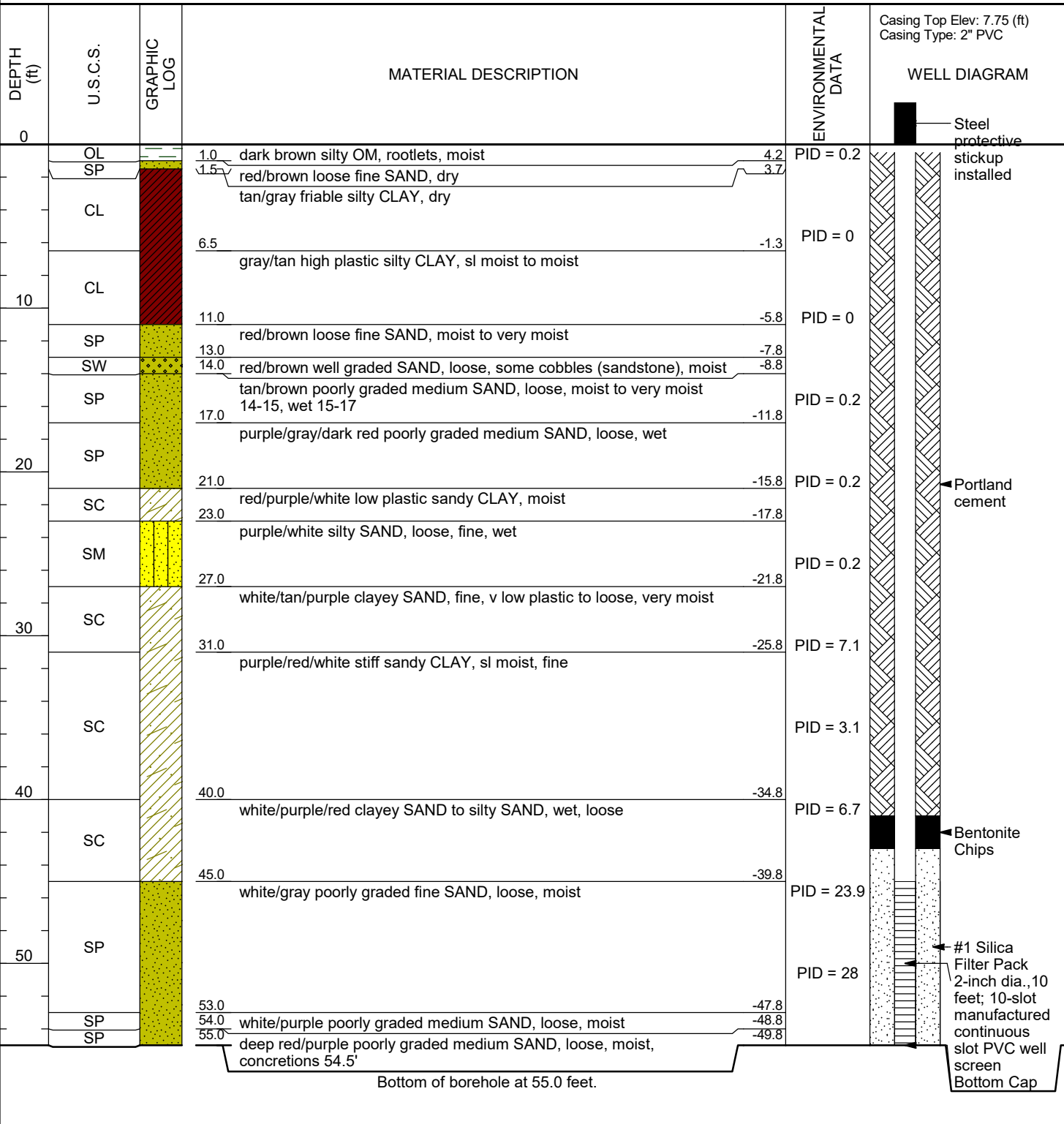


Tetra Tech Inc.
20251 Centur
Germantown,
Telephone: 3

ORIGINAL WELL ABANDONED
11/1/2022

CLIENT Lockheed Martin Cor erization Well Install
 PROJECT NUMBER 112IC09076 PROJECT LOCATION Greater Strawberry Point
 DATE STARTED 7/12/22 COMPLETED 7/13/22 GROUND ELEVATION 5.18 ft HOLE SIZE 6 inches
 DRILLING CONTRACTOR CASCADE - L. Hunsberger DRILLING METHOD SONIC
 GROUND WATER LEVELS: LOGGED BY J. Mullis
 AFTER DRILLING --- DATUM: MD STATE NAD 1983
 NOTES Screened 45-55' NORTHING 602456.8446 ft EASTING 1477559.3622 ft

TT MW BORING 3 - GINT STD US LAB.GDT - 8/31/22 09:15 - C:\USERS\JOSH.MULLIS\DESKTOP\PRACTICE 022618.GPJ



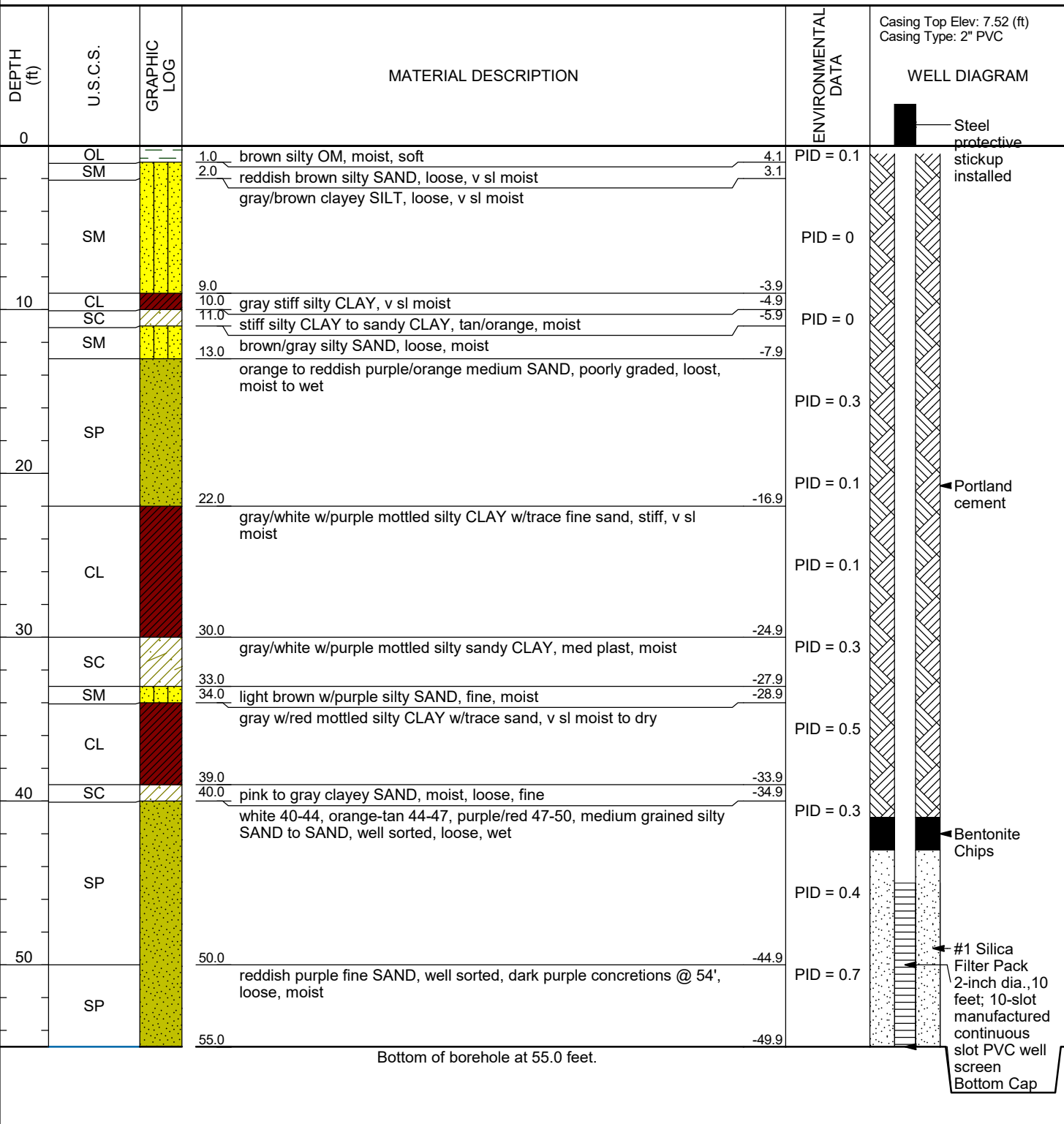


Tetra Tech Inc.
20251 Century Blvd
Germantown, MD
Telephone: 301-528-3000

WELL NUMBER GSP-MW-461

PAGE 1 OF 1

CLIENT Lockheed Martin Corporation **PROJECT NAME** GSP TCE Characterization Well Install
PROJECT NUMBER 112IC09076 **PROJECT LOCATION** Greater Strawberry Point
DATE STARTED 11/1/22 **COMPLETED** 11/2/22 **GROUND ELEVATION** 5.11 ft **HOLE SIZE** 6 inches
DRILLING CONTRACTOR CASCADE - L. Hunsberger **DRILLING METHOD** SONIC
GROUND WATER LEVELS: **LOGGED BY** J. Mullis
AFTER DRILLING --- **DATUM:** MD STATE NAD 1983
NOTES Screened 45-55' **NORTHING** 602463.447 ft **EASTING** 1477558.911 ft



TT MW BORING 3 - GINT STD US LAB.GDT - 12/29/22 09:34 - C:\USERS\JOSH.MULLI\DESKTOP\IPRACTICE 022618.GPJ

APPENDIX C—WELL DEVELOPMENT LOGS



MONITORING WELL DEVELOPMENT RECORD

Event:	Well Development
Project Site Name:	Martin State Airport, GSP
Project Number:	1121C09076

WELL INFORMATION:			
Well No.:	MW-40	Casing ID (in.):	2 inches
Drilling Co.:	Cascade	Depth to Bottom (ft.):	11.85'
Date Installed:	7/7/22	Static Water Level Before (ft.):	1.79'
Date Developed:	7/11/22	Static Water Level After (ft.):	
Dev. Method:	Pump and Surge	Screen Length (ft.):	5'
Pump Type:	Monsoon	Well Volume:	1 well vol = 1.64 gal, 3 well volumes = 4.92 gal
Developed By:	ZM		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
0941-0956	Surge							
1013			4.02	32.98	8.09	0.464	<<<	
1018			8.19	23.87	7.41	0.477	<<<	
1337			3.04	25.39	6.22	0.531	<<<	
1347			8.10	22.00	6.33	0.551	<<<	
1357			9.70	21.01	6.22	0.533	<<<	
1648			3.31	23.50	5.76	0.409	<<<	Gray(cloudy) Strong odor
1658			Bottom	19.55	5.84	0.435	<<<	
903			3.31	20.44	6.43	0.471	<<<	7/12/22
918			Bottom	18.85	6.02	0.439	545	
1130			3.18	25.35	6.38	0.408	<<<	
1140			Bottom	21.39	5.56	0.393	662	
952			8.53	20.05	5.42	0.371	<<<	7/14/22
902			6.74	19.97	6.20	0.404	<<<	7/15/22
915		47.5	Bottom	19.52	5.84	0.434	960	Strong Odor
Well purged dry four times, >300% well volume, well considered developed								

Signature Line: _____ *Zachary Musser* _____

Date: 7/11/2022



MONITORING WELL DEVELOPMENT RECORD

Event: Well Development
Project Site Name: Martin State Airport, GSP
Project Number: 1121C09076

WELL INFORMATION:			
Well No.:	<u>MW-41</u>	Casing ID (in.):	<u>2 inches</u>
Drilling Co.:	<u>Cascade</u>	Depth to Bottom (ft.):	<u>22.19'</u>
Date Installed:	<u>7/7/22</u>	Static Water Level Before (ft.):	<u>2.76'</u>
Date Developed:	<u>7/11/22</u>	Static Water Level After (ft.):	<u>2.38'</u>
Dev. Method:	<u>Pump and Surge</u>	Screen Length (ft.):	<u>10'</u>
Pump Type:	<u>Monsoon</u>	Well Volume:	<u>1 well volume = 3.17 gal, 3 well volumes = 9.51 gal</u>
Developed By:	<u>ZM</u>		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1413-1428	Surge							
1430			2.81	21.18	5.45	0.312	<<<<	
1435			3.21	18.52	4.92	0.270	<<<<	
1440			3.28	17.85	4.67	0.246	<<<<	
1445			3.31	17.41	4.53	0.234	<<<<	
1450			2.29	17.39	4.48	0.225	298	
1455			2.30	17.36	4.43	0.218	159	
1500			2.34	17.39	4.41	0.222	113	
1505			2.35	17.40	4.39	0.221	87.9	
1510			2.37	17.34	4.37	0.216	45.4	
1515			2.38	17.46	4.34	0.211	21.2	
1520		45	2.38	17.42	4.32	0.212	11.5	Well ran clear, >300% well volume

Signature Line: _____ *Zachary Musser* _____

Date: 7/11/2022



MONITORING WELL DEVELOPMENT RECORD

Event: Well Development
Project Site Name: Martin State Airport, GSP
Project Number: 1121C09076

WELL INFORMATION:			
Well No.:	<u>MW-42I</u>	Casing ID (in.):	<u>2 inches</u>
Drilling Co.:	<u>Cascade</u>	Depth to Bottom (ft.):	<u>52.20'</u>
Date Installed:	<u>7/7/22</u>	Static Water Level Before (ft.):	<u>4.07'</u>
Date Developed:	<u>7/11/22</u>	Static Water Level After (ft.):	<u>19.36'</u>
Dev. Method:	<u>Pump and Surge</u>	Screen Length (ft.):	<u>10'</u>
Pump Type:	<u>Monsoon</u>	Well Volume:	<u>1 volume = 7.85 gal, 3 well volumes = 23.55 gal</u>
Developed By:	<u>ZM</u>		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1142-1157	Surge							
1200			18.60	20.66	7.73	0.181	<<<<	Brown
1205			35.15	18.21	6.77	0.084	<<<<	
1210			36.59	17.23	5.80	0.059	<<<<	
1220			34.79	16.86	4.73	0.043	<<<<	
1230			35.07	17.12	4.54	0.041	<<<<	
1240			35.55	16.19	4.39	0.039	<<<<	
1245			29.68	17.38	4.36	0.039	238	
1250			22.67	17.05	4.35	0.039	154	
1255			20.15	16.99	4.41	0.039	102	
1300			19.58	16.95	4.37	0.040	68	
1305		75	19.36	16.99	4.39	0.040	45	Well ran clear, 300% well volume

Signature Line: _____ *Zachary Musser* _____

Date: 7/11/2022



MONITORING WELL DEVELOPMENT RECORD

Event:	Well Development
Project Site Name:	Martin State Airport, GSP
Project Number:	112IC09076

WELL INFORMATION:			
-------------------	--	--	--

Well No.: MW-43	Casing ID (in.): 2 inches
Drilling Co.: Cascade	Depth to Bottom (ft.): 19.85'
Date Installed: 7/11/2022	Static Water Level Before (ft.): 5.75'
Date Developed: 7/12-13/22	Static Water Level After (ft.): 9.66'
Dev. Method: Pump and Surge	Screen Length (ft.): 10
Pump Type: Monsoon	Well Volume: 1 well volume = 2.30 gal, 3 well volumes = 6.90 gal
Developed By: ZM	

DEVELOPMENT DATA:								
-------------------	--	--	--	--	--	--	--	--

Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
828 - 843								Surge
845			5.80	18.59	7.16	0.575	<<<<	
850			9.19	19.17	7.56	0.531	<<<<	
900			10.24	17.42	7.08	0.433	<<<<	
910			11.67	17.18	6.13	0.386	<<<<	
920			12.32	16.93	5.82	0.370	<<<<	
930			12.58	16.92	5.62	0.364	<<<<	
940			12.81	16.91	5.56	0.339	<<<<	
950			13.19	16.97	5.45	0.333	<<<<	
1000			13.61	16.95	5.46	0.324	<<<<	
1015			13.68	16.92	5.34	0.311	<<<<	
1030			13.63	17.12	5.24	0.296	<<<<	
1050			14.95	17.02	5.39	0.330	<<<<	
1600			13.05	21.47	4.95	0.239	603	
0915		23	9.66	17.85	4.64	0.246	33.7	Well runs clear, >300% volume

Signature Line: _____ *Zachary Musser* _____

Date: 7/13/2022



MONITORING WELL DEVELOPMENT RECORD

Event:	Well Development
Project Site Name:	Martin State Airport, GSP
Project Number:	1121C09076

WELL INFORMATION:			
Well No.:	MW-44	Casing ID (in.):	2 inches
Drilling Co.:	Cascade	Depth to Bottom (ft.):	37.84'
Date Installed:	7/12/2022	Static Water Level Before (ft.):	6.24'
Date Developed:	7/13/2022	Static Water Level After (ft.):	24.63'
Dev. Method:	Pump and Surge	Screen Length (ft.):	10'
Pump Type:	Monsoon	Well Volume:	1 vol = 5.09 gal, 3 well volumes = 15.27 gal
Developed By:	ZM		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1113-1128	Surge							
1137			6.33					
1148			27.80					
1153			25.05	17.49	5.54	0.174	<<<<	Brown
1200			24.80	16.28	5.11	0.168	1000	
1207			24.62	14.73	4.59	0.158	723	
1212			25.45	14.73	4.52	0.156	314	
1217			25.20	15.30	4.59	0.155	394	
1220			Bottom	15.27	4.52	0.154	273	
1305			6.68	17.91	5.03	0.145	288	
1310			22.99	16.79	4.99	0.156	214	
1320			24.81	15.78	4.75	0.150	309	
1330			25.15	15.15	4.42	0.150	233	
1350			24.42	15.26	4.43	0.150	68.2	
1400		83	24.63	14.99	4.37	0.149	39.9	Well ran clear, >300% well volume

Signature Line: _____ *Zachary Musser* _____

Date: 7/13/2022



MONITORING WELL DEVELOPMENT RECORD

Event: Well Development
Project Site Name: Martin State Airport, GSP
Project Number: 1121C09076

WELL INFORMATION:			
Well No.:	<u>MW-45I</u>	Casing ID (in.):	<u>2 inches</u>
Drilling Co.:	<u>Cascade</u>	Depth to Bottom (ft.):	<u>58.20'</u>
Date Installed:	<u>7/8/2022</u>	Static Water Level Before (ft.):	<u>6.60'</u>
Date Developed:	<u>7/12/22</u>	Static Water Level After (ft.):	<u>6.84'</u>
Dev. Method:	<u>Pump and Surge</u>	Screen Length (ft.):	<u>10</u>
Pump Type:	<u>Monsoon</u>	Well Volume:	<u>1 volume = 8.42 gal, 3 well volumes = 25.26 gal</u>
Developed By:	<u>ZM</u>		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1445	Surge Start							
1500	Surge End							
1505			6.61	21.49	6.58	0.292	<<<<	Brown
1510			6.82	18.60	6.91	0.308	<<<<	
1515			6.82	18.18	6.87	0.297	612	
1520			6.82	17.46	6.74	0.302	685	
1525			6.82	17.69	6.72	0.296	435	
1530			6.83	17.38	6.62	0.297	350	
1535			6.83	17.35	6.61	0.301	235	
1540			6.83	17.14	6.50	0.299	202	
1545			6.83	17.07	6.41	0.296	126	
1550			6.83	17.13	6.31	0.297	96	
1600			6.83	17.35	6.21	0.290	85.5	
1605			6.84	17.08	6.18	0.289	45.2	
1610		30	6.84	17.01	6.08	0.286	21.9	Well runs clear, >300% volume

Signature Line: _____ *Zachary Musser* _____

Date: 7/12/2022

MONITORING WELL DEVELOPMENT RECORD

Event:	Well Development
Project Site Name:	Martin State Airport, GSP
Project Number:	112IC09076

WELL INFORMATION:			
Well No.:	MW-46I (damaged well)	Casing ID (in.):	2 inches
Drilling Co.:	Cascade	Depth to Bottom (ft.):	48.31'
Date Installed:	7/13/22	Static Water Level Before (ft.):	4.46'
Date Developed:	7/14-15,7/18/22 , 7/25/2022	Static Water Level After (ft.):	4.97'
Dev. Method:	Pump and Surge	Screen Length (ft.):	10'
Pump Type:	Monsoon	Well Volume:	1 well volume = 7.16 gal, 3 well volumes = 21.48 gal
Developed By:	ZM		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1253								Surge Start
1308								Surge End
1320			45.35	23.90	7.03	0.310	<<<	Brown
1525			12.74					
1530			20.18	22.25	6.94	0.242	<<<	
1540								Dry
1645								
1650			12.99	20.56	6.79	0.231	<<<	Clear/Cloudy
0723			26.64	18.67	6.64	0.224	<<<	Started 7/15/22
0729								Dry
1010			5.49(Static)					Started 7/18/22 Brown
1351				22.80	8.05	0.117	<<<<	
1400				21.48	6.33	0.108	<<<<	Cloudy
1550				19.44	5.87	0.084	588	(191 Turb 1 min later)
1605		115		19.90	5.26	0.079	38.2	Clear (pumped low flow)



MONITORING WELL DEVELOPMENT RECORD

Event: Well Development
Project Site Name: Martin State Airport, GSP
Project Number: 112IC09076

WELL INFORMATION:			
Well No.:	<u>MW-46I (damaged well) continued</u>	Casing ID (in.):	<u>2 inches</u>
Drilling Co.:	<u>Cascade</u>	Depth to Bottom (ft.):	<u>48.31'</u>
Date Installed:	<u>7/13/22</u>	Static Water Level Before (ft.):	<u>4.46'</u>
Date Developed:	<u>7/14-15, 7/18/22, 7/25/2022</u>	Static Water Level After (ft.):	<u>4.97'</u>
Dev. Method:	<u>Pump and Surge</u>	Screen Length (ft.):	<u>10'</u>
Pump Type:	<u>Monsoon</u>	Well Volume:	<u>1 well volume = 7.16 gal, 3 well volumes = 21.48 gal</u>
Developed By:	<u>ZM</u>		

DEVELOPMENT DATA:								
Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
<ul style="list-style-type: none"> Well development continued Monday July 18th, where sand was again noted to be 7 feet from the bottom of the well, but through development sand was removed and then filled back in. Development continued to all of Monday until end of the workday. It was determined to let the well sit and equilibrate until the next week to determine if sand would continue to fill the well. Well development continued Monday July 25th, where sand was noted to be 17' from the bottom of the well, considerable effort was taken to remove as much sand as feasible before ceasing development. During the development process the pumping rate was slowed to determine if low flow sampling could be achieved, and we achieved turbidity of <30 NTU, so feasibly this well could be sampled if warranted (although we do not recommend this). The static WL was approximately 4-5 feet below top of PVC, so water continued to fill the well even with the sand. The drilling contractor will return in October 2022 to abandon and replace this well. 								

Signature Line: _____ *Zachary Musser and Josh Mullis* _____

Date: 9/12/2022



MONITORING WELL DEVELOPMENT RECORD

Event: Well Development
 Project Site Name: Martin State Airport, GSP
 Project Number: 112IC09076

WELL INFORMATION:

Well No.:	<u>MW-46I (reinstalled)</u>	Casing ID (in.):	<u>2 inches</u>
Drilling Co.:	<u>Cascade</u>	Depth to Bottom (ft.):	<u>57.85' (casing extends above ground surface)</u>
Date Installed:	<u>11/2/22</u>	Static Water Level Before (ft.):	<u>5.20'</u>
Date Developed:	<u>11/3/22</u>	Static Water Level After (ft.):	<u>6.22'</u>
Dev. Method:	<u>Pump and Surge</u>	Screen Length (ft.):	<u>10'</u>
Pump Type:	<u>Monsoon</u>	Well Volume:	<u>1 well vol = 8.59 gal, 3 well volumes = 25.77 gal</u>
Developed By:	<u>JM/WD</u>		

DEVELOPMENT DATA:

Time	Estimated Sediment Thickness (ft.)	Cumulative Water Volume (Gal.)	Water Level (ft. below TOC)	Temp. (C°)	pH (S.U.)	SC (mS/cm)	Turbidity (NTU)	Remarks: (odor, color, etc.)
1102-1112	SURGE W/PUMP FOR 10 MINS							
1117		START	5.49	--	--	--	--	
1125		15	8.10	14.01	6.81	0.230	>>>	Dark brown, turbid
1130		30	7.80	12.89	6.87	0.177	>>>	Turbid/white
1137		45	6.94	12.49	6.71	0.175	398	Turbid/white
1147		60	6.87	12.22	6.73	0.164	282	Cloudy
1157		75	6.87	12.06	6.61	0.159	123	Cloudy
1202		80	6.31	11.98	6.52	0.149	82.1	Cloudy, water is fizzing, slow pump
1207		85	6.26	11.95	6.53	0.148	62.7	Still fizzing
1212		90	6.22	12.00	6.51	0.144	83.5	Still fizzing, v sl cloudy to clear
Well considered stable, >300% well volume, runs clear								

Signature Line: Jodh Mullis and Will Diebert

Date: 11/3/2022

APPENDIX D—PRECISION SURVEYING REPORT



Date: July 28, 2022

Tetra Tech
20251 Century Boulevard, Suite 200,
Germantown, MD 20874-7114

Re: GSP Well Monitoring Report

Attn: Mr. Josh Mullis

Dear Mr. Mullis,

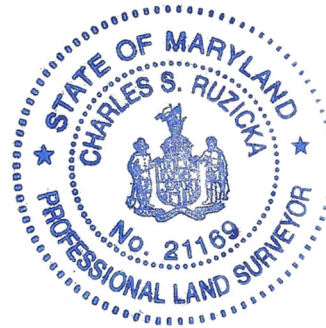
As requested, Precision Survey and Mapping, LLC located numerous monitoring well locations at the LMC facility or about July 27, 2022. The datum used for the measurements are based on the Maryland Coordinate System NAD83/2011 epoch 2011 for horizontal position and NAVD88 for vertical position. Please see the relevant measurement data for the locations on the attached summary in US feet and meters:

Feel free to give me a call if you have any questions or require additional information regarding the effort.

Thank you,

A handwritten signature in blue ink that reads 'C. Ruzicka'.

Charles S. Ruzicka, L.S., President
Professional Land Surveyor MD/DE/DC
Office: 410-459-2124
Cell: 410-925-0080
chuck@precisionsurveys.us



GSP Monitoring Well Locations 07/27/2022							
Point	US Survey Feet (NAD83/NAVD88)			Meters (NAD83/NAVD88)			Description
	Northing (ft)	Easting (ft)	Elev. (ft)	Northing (m)	Easting (m)	Elev. (m)	
1080	602852.70	1478015.64	8.39	183749.87	450500.07	2.56	GSP-MW-41 GRD
1081	602852.80	1478015.60	8.08	183749.90	450500.06	2.46	GSP-MW-41 TOP PVC
1082	602848.91	1478025.79	8.27	183748.72	450503.16	2.52	GSP-MW-40 GRD
1083	602848.82	1478025.62	7.96	183748.69	450503.11	2.43	GSP-MW-40 TOP PVC
1084	602848.92	1478025.80	8.27	183748.72	450503.16	2.52	GSP-MW-42I GRD
1085	602849.12	1478025.72	8.02	183748.78	450503.14	2.45	GSP-MW-42I TOP PVC
1086	602783.63	1477753.90	7.19	183728.82	450420.29	2.19	GSP-MW-43 GRD
1087	602783.69	1477753.79	9.99	183728.84	450420.26	3.05	GSP-MW-43 TOP PVC
1088	602783.64	1477753.90	7.19	183728.82	450420.29	2.19	GSP-MW-45I GRD
1089	602783.84	1477753.97	10.01	183728.88	450420.31	3.05	GSP-MW-45I TOP PVC
1090	602788.24	1477749.03	7.21	183730.22	450418.81	2.20	GSP-MW-44 GRD
1091	602788.28	1477748.95	9.75	183730.24	450418.78	2.97	GSP-MW-44 TOP PVC
1092	602456.95	1477559.41	5.18	183629.25	450361.01	1.58	GSP-MW-46I GRD
1093	602456.84	1477559.36	7.75	183629.21	450360.99	2.36	GSP-MW-46I TOP PVC

Well Description	Northing	Easting	Elevations at Top Well	Top PVC Pipe Elevation	Ground Elevation at Well
GSP-MW-46I	602463.4470	1477558.9110	7.76	7.52	5.11
GSP-MW-17	603763.3420	1477990.2280	7.91	7.62	7.91
MRC-IWE-1	605457.8290	1474106.1550	11.24	10.95	11.24
MRC-IWE-2	605468.1460	1474135.4710	10.95	10.81	10.95
MRC-IWE-3	605480.6670	1474163.9240	10.94	10.67	10.94
MRC-IWE-4	605491.2030	1474191.4660	10.82	10.77	10.82
MRC-IWE-5	605502.5120	1474219.5990	10.87	10.75	10.87
MRC-IWE-6	605513.0330	1474247.2350	11.05	10.78	11.05
MRC-IWE-7	605388.3990	1474122.9010	11.24	11.03	11.24
MRC-IWE-8	605400.4480	1474149.9520	11.28	10.98	11.28
MRC-IWE-9	605412.2380	1474180.2620	11.02	10.86	11.02
MRC-IWE-10	605422.3460	1474210.1340	11.04	10.61	11.04
MRC-IWE-11	605431.2860	1474234.2170	10.86	10.85	10.86
MRC-IWE-12	605444.1860	1474259.6990	10.59	10.31	10.59
MRC-IWE-18	605282.5950	1474158.6050	11.30	11.12	11.30
MRC-IWE-19	605294.2960	1474185.6320	11.26	11.09	11.26
MRC-IWE-26	605400.9860	1474160.5090	11.06	10.82	11.06
MRC-IWE-25	605404.8600	1474169.3560	10.93	10.71	10.93
MRC-IWE-27	605378.0770	1474172.7430	11.63	11.48	11.63
MRC-IWE-24	605267.5460	1474269.8180	10.11	9.27	10.11
MRC-MW-155A	605265.1990	1474277.9560	9.68	9.17	8.96
MRC-SEM-W-1I	605484.0640	1474178.0140	10.68	10.28	10.53
MRC-SEM-W-2I	605482.9440	1474193.9380	10.73	10.49	10.73
MSA-MW-42	604730.7520	1479175.2920	8.99	8.70	8.82
MSA-MW-42S	604730.7520	1479175.2920	8.99	8.70	8.82
MSA-MW-42I	604730.7520	1479175.2920	8.99	8.66	8.82
MSA-MW-41	604422.9670	1479434.7410	10.40	10.23	10.40
MSA-MW-41S	604422.9670	1479434.7410	10.40	10.05	10.40
MSA-MW-41I	604422.9670	1479434.7410	10.40	10.05	10.40
MSA-MW-45	604428.3520	1479440.5130	10.18	10.05	10.18
MSA-MW-45S	604428.3520	1479440.5130	10.18	9.86	10.18

APPENDIX E—WASTE DISPOSAL DOCUMENTATION

Site Address: 101 Wilson Point Road
Baltimore, MD 21229

SLIPW-1 2012

WORK ORDER NO. 0590261

DOCUMENT NO. 0590261 STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc VEHICLE ID # 5260
 EPA ID # MAD038322250 TRANS. 1 PHONE 7817925000
 TRANSPORTER 2 _____ VEHICLE ID # _____
 EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY <u>Clean Harbors El Dorado LLC</u>			SHIPPER <u>ATTN: Josh Mullis Lockheed Martin</u>		
FACILITY EPA ID # <u>ARD069748182</u>			SHIPPER EPA ID # <u>MDR000518760</u>		
ADDRESS <u>309 American Circle</u>			ADDRESS <u>1901 Chesapeake Park Plaza</u>		
CITY <u>El Dorado</u>		STATE <u>AR</u>	ZIP <u>71730</u>	CITY <u>Baltimore</u>	
STATE <u>MD</u>		ZIP <u>21209</u>			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
<u>12 X 55</u>	<u>DM</u>		<u>REGULATED WATER PASTE</u>	<u>3,000</u>	<u>Y</u>
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS: <u>EMERGENCY PHONE # (800) 483-3718 GENERATOR: Lockheed Martin</u>					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT <u>X Josh Mullis</u>	SIGN <u>[Signature]</u>	DATE <u>10/3/12</u>
TRANSPORTER 1	PRINT <u>Darren Healy</u>	SIGN <u>[Signature]</u>	DATE <u>10-3-22</u>
TRANSPORTER 2	PRINT _____	SIGN _____	DATE _____
RECEIVED BY	PRINT <u>[Signature]</u>	SIGN <u>[Signature]</u>	DATE <u>10/3/12</u>

2

Site Address : 701 Wilson Point Road
Baltimore, MD 21220

SC PPW 6/1/2022

WORK ORDER NO.

D4 2200312485

DOCUMENT NO. 0590262

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 5260
 EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
 TRANSPORTER 2 _____ VEHICLE ID # _____
 EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY <u>Clean Harbors Chattanooga LLC</u>			SHIPPER <u>Lockheed Martin</u> ATTN: Josh Mullis		
FACILITY EPA ID # <u>TND982141392</u>			SHIPPER EPA ID # <u>MDR000518760</u>		
ADDRESS <u>3300 Cummings Road</u>			ADDRESS <u>195 Chesapeake Park Plaza</u>		
CITY <u>Chattanooga</u>		STATE <u>TN</u>	ZIP <u>37419</u>	CITY <u>Baltimore</u>	
				STATE <u>MD</u>	ZIP <u>21220</u>
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
<u>09 x 55</u>	<u>DM</u>		<u>NON D. O. T. REGULATED, (SOIL)</u>	<u>2,600</u>	<u>P</u>
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS <u>A/CH2477820</u>					
EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Lockheed Martin					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT <u>x Josh Mullis</u>	SIGN <u>[Signature]</u>	DATE <u>10-3-22</u>
TRANSPORTER 1	PRINT <u>Darren Hedley</u>	SIGN <u>[Signature]</u>	DATE <u>10-3-22</u>
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT <u>Chere White</u>	SIGN <u>[Signature]</u>	DATE <u>11/7/22</u>

Site Address: 701 Wilson Point Road
Baltimore, MD 21220

10F2

SC PPW 10/1/2022

WORK ORDER NO. ~~MD 2201877993~~

DOCUMENT NO. 0597904

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 5260
 EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
 TRANSPORTER 2 TRZ-STATE VEHICLE ID # 11030
 EPA ID # MDD095038998 TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Harbors El Dorado LLC			SHIPPER ATTN: Josh Mullis Lockheed Martin		
FACILITY EPA ID # ARD069748192			SHIPPER EPA ID # MDR000518760		
ADDRESS 309 American Circle			ADDRESS 195 Chesapeake Park Plaza		
CITY El Dorado		STATE AR	ZIP 71730	CITY Baltimore	
		STATE MD	ZIP 21220		
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
3x55	DM		A. NON D. O. T. REGULATED, (WATER, PFAS)	800	P
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.CH2477794 EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Lockheed Martin					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	X	PRINT William Deibert	SIGN X William Deibert	DATE 12-2-22
TRANSPORTER 1		PRINT Darren Hodley	SIGN Darren Hodley	DATE 12-2-22
TRANSPORTER 2		PRINT RON WAGENKUKA	SIGN Ron Wagenkuka	DATE 12/13/22
RECEIVED BY		PRINT Ben Fort	SIGN Ben Fort	DATE 12/20/22

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

1

BOL#: 0597904

Transporter Continuation Page (2)

Transporter No.: (3)

Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC

EPA ID#: MAD03932250

Name of Driver (Print): Jeannie Harris

Date: 12-14-22

Signature: Jeannie Harris

Transporter No.: ()

Transporter Name: _____

EPA ID#: _____

Name of Driver (Print): _____

Date: _____

Signature: _____

Transporter No.: ()

Transporter Name: _____

EPA ID#: _____

Name of Driver (Print): _____

Date: _____

Signature: _____

Transporter No.: ()

Transporter Name: _____

EPA ID#: _____

Name of Driver (Print): _____

Date: _____

Signature: _____

Site Address: 701 Wilson Point Road
Baltimore, MD 21220

SC PPW 10/1/2022

WORK ORDER NO. 2201877993

DOCUMENT NO. 0597908

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 5260
 EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
 TRANSPORTER 2 _____ VEHICLE ID # _____
 EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Spring Grove Resource Recovery Inc.			SHIPPER ATTN: Josh Mullis Lockheed Martin		
FACILITY EPA ID # OHD000816629			SHIPPER EPA ID # MDR000518760		
ADDRESS 7879 Spring Grove Avenue			ADDRESS 199 Chesapeake Park Plaza		
CITY Cincinnati		STATE OH	ZIP 45232	CITY Baltimore	
				STATE MD	
				ZIP 21220	
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
2x55	DM		A. NON D. O. T. REGULATED, (SOIL)	600	p
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.CH2477820 EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Lockheed Martin					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	<input checked="" type="checkbox"/> PRINT	William Deibert	SIGN	<input checked="" type="checkbox"/> <i>William Deibert</i>	DATE	<input checked="" type="checkbox"/> 12-2-22
TRANSPORTER 1	<input type="checkbox"/> PRINT	<i>Darren Hedley</i>	SIGN	<i>Darren Hedley</i>	DATE	12/2/22
TRANSPORTER 2	<input type="checkbox"/> PRINT		SIGN		DATE	
RECEIVED BY	<input type="checkbox"/> PRINT	<i>Amanda Parrott</i>	SIGN	<i>AP</i>	DATE	12-29-22

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

1



Clean Harbors El Dorado LLC
 309 American Circle
 El Dorado AR, 71730
 ARD069748192
 (870) 863-7173

CERTIFICATE OF DISPOSAL

Manifest Mailing Name : Lockheed Martin
 Manifest Mailing Address: 195 Chesapeake Park Plaza Job Address: 701 Wilson Point Road
 Baltimore, MD 21220 Baltimore, MD 21220
 Customer Contact Name: Mr Josh Mullis Generator Contact Name: Mr Josh Mullis
 Sales Order #: 2200312485 Date Received: 10/28/2022
 Generator EPA ID: MDR000518760 Manifest #: BOL0590261

Line #	Profile/Description	Disposal Date	Method of Disposal	Disposal Facility
1	CH2477794 GSP TCE Inv Water (Sample: WC-GSP-W-071822)	11/25/2022	Incineration	El Dorado, AR Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Name: Nicole McClish
 Title: Dir Environmental Application
 Date: Saturday, November 26, 2022



Clean Harbors Chattanooga LLC
3300 Cummings Road
Chattanooga TN, 37419
TND982141392
(423) 821-6926

CERTIFICATE OF DISPOSAL

Manifest Mailing Name : Lockheed Martin
Manifest Mailing Address: 195 Chesapeake Park Plaza
Baltimore, MD 21220
Job Address: 701 Wilson Point Road
Baltimore, MD 21220
Customer Contact Name: Mr Josh Mullis
Generator Contact Name: Mr Josh Mullis
Sales Order #: 2200312485
Date Received: 11/7/2022
Generator EPA ID: MDR000518760
Manifest #: BOL0590262

Line #	Profile/Description	Disposal Date	Method of Disposal	Disposal Facility
1	CH2477820 GSP Soil from Well Install (Sample ID: WC-GSP-S-071822)	11/8/2022	Sludge Treatment	Chattanooga, TN Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Name: Nicole McClish
Title: Dir Environmental Application
Date: Wednesday, November 09, 2022



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2477820

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **MDR000518760** GENERATOR NAME: **Lockheed Martin**
 GENERATOR CODE (Assigned by Clean Harbors) **LO2553** CITY **Baltimore** STATE/PROVINCE **MD** ZIP/POSTAL CODE **21220**
 ADDRESS **701 Wilson Point Road** PHONE: **(301) 528-3004**
 CUSTOMER CODE (Assigned by Clean Harbors) **TE0740** CUSTOMER NAME: **Tetra Tech Inc**
 ADDRESS **20251 Century Boulevard Suite 200** CITY **Germantown** STATE/PROVINCE **MD** ZIP/POSTAL CODE **20874**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **GSP Soil from Well Install (Sample ID: WC-GSP-S-071822)**

PROCESS GENERATING WASTE: **Well Installation at GSP**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE <input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00				VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000		COLOR Varies
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:		BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) >= 130 (>54)		MELTING POINT °F (°C) < 140 (<60) 140-200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)		TOTAL ORGANIC CARBON <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) > 200 (>93)	pH <= 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) <input checked="" type="checkbox"/> > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0		BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:		

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
ACETONE	39.0000000	39.0000000	PPB
ARSENIC (TCLP)	0.0068000	0.0068000	PPM
BARIUM (TCLP)	0.1100000	0.1100000	PPM
CADMIUM (TCLP)	0.0002600	0.0002600	PPM
CHROMIUM (TCLP)	0.0230000	0.0230000	PPM
SOIL	99.0000000	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G44**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W301**

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE		
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>		
D005	BARIIUM	100.0				<input checked="" type="checkbox"/>		
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>		
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>		
D008	LEAD	5.0				<input checked="" type="checkbox"/>		
D009	MERCURY	0.2				<input checked="" type="checkbox"/>		
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>		
D011	SILVER	5.0				<input checked="" type="checkbox"/>		
VOLATILE COMPOUNDS				OTHER CONSTITUENTS		MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5		BROMINE				<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5		CHLORINE				<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		FLUORINE				<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		IODINE				<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		SULFUR				<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM				<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		SODIUM				<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		AMMONIA				<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE				<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE				<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS								
D023	o-CRESOL	200.0		CYANIDE TOTAL				<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE				<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0						
D026	CRESOL (TOTAL)	200.0						
D027	1,4-DICHLOROBENZENE	7.5						
D030	2,4-DINITROTOLUENE	0.13						
D032	HEXACHLOROBENZENE	0.13						
D033	HEXACHLOROBUTADIENE	0.5						
D034	HEXACHLOROETHANE	3.0						
D036	NITROBENZENE	2.0						
D037	PENTACHLOROPHENOL	100.0						
D038	PYRIDINE	5.0						
D041	2,4,5-TRICHLOROPHENOL	400.0						
D042	2,4,6-TRICHLOROPHENOL	2.0						
PESTICIDES AND HERBICIDES				HOCS		PCBS		
D012	ENDRIN	0.02		<input checked="" type="checkbox"/> NONE		<input checked="" type="checkbox"/> NONE		
D013	LINDANE	0.4		<input checked="" type="checkbox"/> < 1000 PPM		< 50 PPM		
D014	METHOXYCHLOR	10.0		>= 1000 PPM		>=50 PPM		
D015	TOXAPHENE	0.5						
D016	2,4-D	10.0						
D017	2,4,5-TP (SILVEX)	1.0						
D020	CHLORDANE	0.03						
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008						
ADDITIONAL HAZARDS				IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?				
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?				YES		<input checked="" type="checkbox"/> NO		
YES <input checked="" type="checkbox"/> NO (If yes, explain)								

CHOOSE ALL THAT APPLY

- DEA REGULATED SUBSTANCES
- EXPLOSIVE
- FUMING
- OSHA REGULATED CARCINOGENS
- POLYMERIZABLE
- RADIOACTIVE
- REACTIVE MATERIAL
- NONE OF THE ABOVE

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?
 YES NO DO ANY STATE WASTE CODES APPLY?
 Texas Waste Code _____
 YES NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?
 YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
 LDR CATEGORY: **Not subject to LDR**
 VARIANCE INFO: _____
 YES NO IS THIS A UNIVERSAL WASTE?
 YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?
 YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?
 YES NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?
 YES NO IS THIS WASTE STREAM PROHIBITED FROM INCINERATION BASED ON THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?
 YES NO IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?
 YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?
 YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?
 YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?
 YES NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?
 YES NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
 Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)
 YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
 YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
 YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?
 What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)
 The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing
 Describe the knowledge : _____

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
NON D. O. T. REGULATED

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

<input checked="" type="checkbox"/> CONTAINERIZED 1-20 CONTAINERS/SHIPMENT STORAGE CAPACITY: 100 CONTAINER TYPE: PORTABLE TOTE TANK BOX CARTON CASE CUBIC YARD BOX <input checked="" type="checkbox"/> DRUM OTHER: DRUM SIZE: 55	<input type="checkbox"/> BULK LIQUID GALLONS/SHIPMENT: 0 Min - 0 Max GAL.	<input type="checkbox"/> BULK SOLID SHIPMENT UOM: TON YARD TONS/YARDS/SHIPMENT: 0 Min - 0 Max
--	--	---

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE 	NAME (PRINT) Anthony Apanavage	TITLE Project Lead	DATE 08/18/2022
--------------------------	-----------------------------------	-----------------------	--------------------

Addendum

D. COMPOSITION

F. REGULATORY STATUS



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2477794

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **MDR000518760** GENERATOR NAME: **Lockheed Martin**
 GENERATOR CODE (Assigned by Clean Harbors) **LO2553** CITY **Baltimore** STATE/PROVINCE **MD** ZIP/POSTAL CODE **21220**
 ADDRESS **701 Wilson Point Road** PHONE: **(301) 528-3004**
 CUSTOMER CODE (Assigned by Clean Harbors) **TE0740** CUSTOMER NAME: **Tetra Tech Inc**
 ADDRESS **20251 Century Boulevard Suite 200** CITY **Germantown** STATE/PROVINCE **MD** ZIP/POSTAL CODE **20874**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **GSP TCE Inv Water (Sample: WC-GSP-W-071822)**

PROCESS GENERATING WASTE: **Monitoring well installation including generation of development, decon, and purge water**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE		NUMBER OF PHASES/LAYERS		VISCOSITY (If liquid present)		COLOR	
SOLID WITHOUT FREE LIQUID		1 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>	3	TOP	80.00	
POWDER		% BY VOLUME (Approx.)		MIDDLE	0.00		Clear
MONOLITHIC SOLID				BOTTOM	20.00		
<input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS							
<input checked="" type="checkbox"/> LIQUID/SOLID MIXTURE						<input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	
% FREE LIQUID 80.00 - 100.00		ODOR		BOILING POINT °F (°C)		MELTING POINT °F (°C)	
% SETTLED SOLID 0.00 - 20.00		<input checked="" type="checkbox"/> NONE		<= 95 (<=35)		< 140 (<60)	
% TOTAL SUSPENDED SOLID		MILD		95 - 100 (35-38)		140-200 (60-93)	
SLUDGE		STRONG		101 - 129 (38-54)		<input checked="" type="checkbox"/> > 200 (>93)	
GAS/AEROSOL		Describe:		<input checked="" type="checkbox"/> >= 130 (>54)		<input checked="" type="checkbox"/> <= 1% 1-9% >= 10%	
FLASH POINT °F (°C)		pH		SPECIFIC GRAVITY		ASH	
< 73 (<23)		<= 2		< 0.8 (e.g. Gasoline)		< 0.1	
73 - 100 (23-38)		2.1 - 6.9		0.8-1.0 (e.g. Ethanol)		0.1 - 1.0 <input checked="" type="checkbox"/> Unknown	
101 -140 (38-60)		7 (Neutral)		<input checked="" type="checkbox"/> 1.0 (e.g. Water)		1.1 - 5.0	
141 -200 (60-93)		<input checked="" type="checkbox"/> 7.1 - 12.4		1.0-1.2 (e.g. Antifreeze)		5.1 - 20.0	
<input checked="" type="checkbox"/> > 200 (>93)		>= 12.5		> 1.2 (e.g. Methylene Chloride)		<input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:	

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
2-BUTANONE (MEK)	3.4000000	3.4000000	PPB
ACETONE	12.0000000	12.0000000	PPB
BARIUM (TCLP)	0.0650000	0.0650000	PPM
BENZENE	0.7300000	0.7300000	PPB
CADMIUM (TCLP)	0.0002900	0.0002900	PPM
CARBON DISULFIDE	0.7300000	0.7300000	PPB
CARBON TETRACHLORIDE	0.3000000	0.3000000	PPB
CHLOROFORM	3.2000000	3.2000000	PPB
CIS-1,2-DICHLOROETHENE	1.1000000	1.1000000	PPB
PERFLUOROBUTANESULFONIC ACID	0.0008900	0.0008900	PPB

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G44** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W113**

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS			OTHER CONSTITUENTS		MAX	UOM
D018	BENZENE	0.5				NOT APPLICABLE
D019	CARBON TETRACHLORIDE	0.5		BROMINE		<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		CHLORINE		<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		FLUORINE		<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		IODINE		<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		SODIUM		<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		AMMONIA		<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE		<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		CYANIDE TOTAL		<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE		<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

HOCS <input checked="" type="checkbox"/> NONE <input checked="" type="checkbox"/> < 1000 PPM <input type="checkbox"/> >= 1000 PPM	PCBs <input checked="" type="checkbox"/> NONE <input type="checkbox"/> < 50 PPM <input type="checkbox"/> >=50 PPM IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
---	---

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES NO (If yes, explain)

CHOOSE ALL THAT APPLY

- DEA REGULATED SUBSTANCES
- EXPLOSIVE
- FUMING
- OSHA REGULATED CARCINOGENS
- POLYMERIZABLE
- RADIOACTIVE
- REACTIVE MATERIAL
- NONE OF THE ABOVE

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?
 YES NO DO ANY STATE WASTE CODES APPLY?
 Texas Waste Code _____
 YES NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?
 YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
 LDR CATEGORY: **Not subject to LDR**
 VARIANCE INFO: _____
 YES NO IS THIS A UNIVERSAL WASTE?
 YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?
 YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?
 YES NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?
 YES NO IS THIS WASTE STREAM PROHIBITED FROM INCINERATION BASED ON THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?
 YES NO IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?
 YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?
 YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?
 YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?
 YES NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?
 YES NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
 Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)
 YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
 YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
 YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?
 What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)
 The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing
 Describe the knowledge : _____

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON D. O. T. REGULATED

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED

10-15 CONTAINERS/SHIPMENT

STORAGE CAPACITY: **100**

CONTAINER TYPE:

PORTABLE TOTE TANK

BOX|CARTON|CASE

CUBIC YARD BOX

DRUM

OTHER:

DRUM SIZE: **55**

BULK LIQUID

GALLONS/SHIPMENT: **0 Min - 0 Max**

GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: **0 Min - 0 Max**

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)
Anthony Apanavage

TITLE
Project Lead

DATE
08/18/2022

Addendum

D. COMPOSITION

CHEMICAL	MIN	--	MAX	UOM
PERFLUORODECANOIC ACID	0.00070	--	0.00070	PPB
PERFLUOROHEPTANOIC ACID	0.00094	--	0.00094	PPB
PERFLUOROHEXANESULFONIC ACID	0.00130	--	0.00130	PPB
PERFLUOROHEXANOIC ACID (PFHXA)	0.00190	--	0.00190	PPB
PERFLUOROCTANESULFONIC ACID	0.00190	--	0.00190	PPB
PERFLUOROCTANOIC ACID	0.00220	--	0.00220	PPB
TRICHLOROETHENE	56.0000	--	56.000	PPB
TOLUENE	2.1000	--	2.1000	PPB
SETTLED SOLIDS (SOIL/SEDIMENTS)	0.00000	--	20.000	%
WATER	80.0000	--	100.00	%

F. REGULATORY STATUS

ANALYTICAL REPORT

Job Number: 240-170019-1

Job Description: GSP TCE Characterization

For:
Tetra Tech, Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874
Attention: Amy McGivney

Roxanne Cisneros

Approved for release.
Roxanne Cisneros
Senior Project Manager
8/4/2022 2:59 PM

Roxanne Cisneros, Senior Project Manager
180 S. Van Buren Avenue, Barberton, OH, 44203
(615)301-5761
roxanne.cisneros@et.eurofinsus.com
08/04/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager. This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Canton

180 S. Van Buren Avenue, Barberton, OH 44203
Tel (330) 497-9396 Fax (330) 497-0772 www.EurofinsUS.com

Table of Contents

Cover Title Page	1
Data Summaries	6
Definitions	6
Case Narrative	8
Detection Summary	9
Client Sample Results	10
Default Detection Limits	16
Surrogate Summary	20
Isotope Dilution Summary	22
QC Sample Results	23
QC Association	35
Chronicle	38
Certification Summary	40
Method Summary	42
Sample Summary	43
Manual Integration Summary	44
Reagent Traceability	73
Organic Sample Data	219
GC/MS VOA	219
Method 8260C	219
Method 8260C QC Summary	220
Method 8260C Sample Data	240
Standards Data	246
Method 8260C ICAL Data	246
Method 8260C CCAL Data	365
Raw QC Data	375

Table of Contents

Method 8260C Blank Data	375
Method 8260C LCS/LCSD Data	377
Method 8260C MS/MSD Data	381
Method 8260C Run Logs	385
Method 8260C Prep Data	390
GC Semi VOA	400
Method 8082A	400
Method 8082A QC Summary	401
Method 8082A Sample Data	419
Standards Data	421
Method 8082A ICAL Data	421
Method 8082A CCAL Data	641
Raw QC Data	725
Method 8082A Blank Data	725
Method 8082A LCS/LCSD Data	727
Method 8082A MS/MSD Data	729
Method 8082A Run Logs	731
Method 8082A Prep Data	739
LCMS	777
Method PFC IDA	777
Method PFC IDA QC Summary	778
Method PFC IDA Sample Data	785
Standards Data	787
Method PFC IDA ICAL Data	787
Method PFC IDA CCAL Data	877
Raw QC Data	889

Table of Contents

Method PFC IDA Blank Data	889
Method PFC IDA LCS/LCSD Data	893
Method PFC IDA Run Logs	897
Method PFC IDA Prep Data	900
Inorganic Sample Data	904
Metals Data	904
Met Cover Page	905
Met Sample Data	906
Met QC Data	908
Met ICV/CCV	908
Met CRQL	913
Met Blanks	914
Met ICSA/ICSAB	922
Met LCS/LCSD	924
Met MDL	926
Met IECF	934
Met Linear Ranges	935
Met Preparation Log	937
Met Analysis Run Log	939
Met Internal Standards	951
Met Prep Data	953
General Chemistry Data	959
Gen Chem Cover Page	960
Gen Chem Sample Data	961
Gen Chem QC Data	963
Gen Chem LCS/LCSD	963

Table of Contents

Gen Chem MDL	964
Gen Chem Analysis Run Log	970
Gen Chem Prep Data	973
Subcontracted Data	975
Shipping and Receiving Documents	976
Client Chain of Custody	977
Sample Receipt Checklist	982

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
240-170019-1

Comments

The PFC_IDA EPA 537 analysis was performed at the Eurofins Lancaster laboratory.

Receipt

The samples were received on 7/19/2022 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.1° C and 2.5° C.

GC/MS VOA

Methods 8260C: The continuing calibration verification (CCV) analyzed in batch 240-535640 was outside the method criteria for Methylcyclohexane and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. TB-071822 (240-170019-1), WC-GSP-W-071822 (240-170019-2) and (CCVIS 240-535640/3)

Method 8260C: Surrogate recovery for the following sample was outside control limits: WC-GSP-S-071822 (240-170019-3). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 240-536683 was outside the method criteria for Bromomethane, and Chloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The continuing calibration verification (CCV) associated with batch 240-537164 recovered above the upper control limit for Aroclor-1260. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data have been reported. The associated sample is impacted: WC-GSP-S-071822 (240-170019-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Methods 3510C, 608: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-536374.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: TB-071822

Lab Sample ID: 240-170019-1

No Detections.

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		10	5.4	ug/L	1		8260C	Total/NA
Benzene	0.73	J	1.0	0.42	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	3.4	J	10	1.2	ug/L	1		8260C	Total/NA
Carbon disulfide	0.73	J	1.0	0.59	ug/L	1		8260C	Total/NA
Carbon tetrachloride	0.30	J	1.0	0.26	ug/L	1		8260C	Total/NA
Chloroform	3.2	B	1.0	0.47	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.1		1.0	0.46	ug/L	1		8260C	Total/NA
Toluene	2.1		1.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	56		1.0	0.44	ug/L	1		8260C	Total/NA
Perfluorohexanoic acid	1.9		1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	0.94	J	1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	2.2		1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluorodecanoic acid	0.70	J	1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	0.89	J	1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid	1.3	J	1.9	0.47	ng/L	1		537 IDA	Total/NA
Perfluorooctanesulfonic acid	1.9		1.9	0.47	ng/L	1		537 IDA	Total/NA
Barium	0.065	J B	0.50	0.0013	mg/L	1		6010C	TCLP
Cadmium	0.00029	J	0.050	0.00020	mg/L	1		6010C	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	39		29	24	ug/Kg	1	☼	8260C	Total/NA
Arsenic	0.0068	J B	0.050	0.0041	mg/L	1		6010C	TCLP
Barium	0.11	J B	0.50	0.0013	mg/L	1		6010C	TCLP
Cadmium	0.00026	J	0.050	0.00020	mg/L	1		6010C	TCLP
Chromium	0.023	J	0.050	0.0040	mg/L	1		6010C	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Tetra Tech, Inc.
 Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: TB-071822

Lab Sample ID: 240-170019-1

Date Collected: 07/18/22 00:00

Matrix: Water

Date Received: 07/19/22 10:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.4	U	10	5.4	ug/L			07/21/22 14:18	1
Benzene	0.42	U	1.0	0.42	ug/L			07/21/22 14:18	1
Bromoform	0.76	U	1.0	0.76	ug/L			07/21/22 14:18	1
Bromomethane	0.42	U	1.0	0.42	ug/L			07/21/22 14:18	1
2-Butanone (MEK)	1.2	U	10	1.2	ug/L			07/21/22 14:18	1
Carbon disulfide	0.59	U	1.0	0.59	ug/L			07/21/22 14:18	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			07/21/22 14:18	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/21/22 14:18	1
Chlorodibromomethane	0.39	U	1.0	0.39	ug/L			07/21/22 14:18	1
Chloroethane	0.83	U	1.0	0.83	ug/L			07/21/22 14:18	1
Chloroform	0.47	U	1.0	0.47	ug/L			07/21/22 14:18	1
Chloromethane	0.63	U	1.0	0.63	ug/L			07/21/22 14:18	1
cis-1,2-Dichloroethene	0.46	U	1.0	0.46	ug/L			07/21/22 14:18	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			07/21/22 14:18	1
Cyclohexane	0.48	U	1.0	0.48	ug/L			07/21/22 14:18	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			07/21/22 14:18	1
1,2-Dichlorobenzene	0.48	U	1.0	0.48	ug/L			07/21/22 14:18	1
1,3-Dichlorobenzene	0.45	U	1.0	0.45	ug/L			07/21/22 14:18	1
1,4-Dichlorobenzene	0.41	U	1.0	0.41	ug/L			07/21/22 14:18	1
Dichlorobromomethane	0.17	U	1.0	0.17	ug/L			07/21/22 14:18	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			07/21/22 14:18	1
1,1-Dichloroethane	0.47	U	1.0	0.47	ug/L			07/21/22 14:18	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			07/21/22 14:18	1
1,1-Dichloroethene	0.49	U	1.0	0.49	ug/L			07/21/22 14:18	1
1,2-Dichloropropane	0.47	U	1.0	0.47	ug/L			07/21/22 14:18	1
Ethylbenzene	0.42	U	1.0	0.42	ug/L			07/21/22 14:18	1
Ethylene Dibromide	0.41	U	1.0	0.41	ug/L			07/21/22 14:18	1
2-Hexanone	1.1	U	10	1.1	ug/L			07/21/22 14:18	1
Isopropylbenzene	0.49	U	1.0	0.49	ug/L			07/21/22 14:18	1
Methyl acetate	1.7	U	10	1.7	ug/L			07/21/22 14:18	1
Methylcyclohexane	0.33	U	1.0	0.33	ug/L			07/21/22 14:18	1
Methylene Chloride	2.6	U	5.0	2.6	ug/L			07/21/22 14:18	1
4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99	ug/L			07/21/22 14:18	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/21/22 14:18	1
Styrene	0.45	U	1.0	0.45	ug/L			07/21/22 14:18	1
1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60	ug/L			07/21/22 14:18	1
Tetrachloroethene	0.44	U	1.0	0.44	ug/L			07/21/22 14:18	1
Toluene	0.44	U	1.0	0.44	ug/L			07/21/22 14:18	1
trans-1,2-Dichloroethene	0.51	U	1.0	0.51	ug/L			07/21/22 14:18	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			07/21/22 14:18	1
1,2,4-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/21/22 14:18	1
1,1,1-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 14:18	1
1,1,2-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 14:18	1
Trichloroethene	0.44	U	1.0	0.44	ug/L			07/21/22 14:18	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			07/21/22 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			07/21/22 14:18	1
Vinyl chloride	0.45	U	1.0	0.45	ug/L			07/21/22 14:18	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			07/21/22 14:18	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: TB-071822

Lab Sample ID: 240-170019-1

Date Collected: 07/18/22 00:00

Matrix: Water

Date Received: 07/19/22 10:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		56 - 136		07/21/22 14:18	1
Dibromofluoromethane (Surr)	103		73 - 120		07/21/22 14:18	1
1,2-Dichloroethane-d4 (Surr)	94		62 - 137		07/21/22 14:18	1
Toluene-d8 (Surr)	95		78 - 122		07/21/22 14:18	1

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Date Collected: 07/18/22 11:10

Matrix: Water

Date Received: 07/19/22 10:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		10	5.4	ug/L			07/21/22 14:42	1
Benzene	0.73	J	1.0	0.42	ug/L			07/21/22 14:42	1
Bromoform	0.76	U	1.0	0.76	ug/L			07/21/22 14:42	1
Bromomethane	0.42	U	1.0	0.42	ug/L			07/21/22 14:42	1
2-Butanone (MEK)	3.4	J	10	1.2	ug/L			07/21/22 14:42	1
Carbon disulfide	0.73	J	1.0	0.59	ug/L			07/21/22 14:42	1
Carbon tetrachloride	0.30	J	1.0	0.26	ug/L			07/21/22 14:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/21/22 14:42	1
Chlorodibromomethane	0.39	U	1.0	0.39	ug/L			07/21/22 14:42	1
Chloroethane	0.83	U	1.0	0.83	ug/L			07/21/22 14:42	1
Chloroform	3.2	B	1.0	0.47	ug/L			07/21/22 14:42	1
Chloromethane	0.63	U	1.0	0.63	ug/L			07/21/22 14:42	1
cis-1,2-Dichloroethene	1.1		1.0	0.46	ug/L			07/21/22 14:42	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			07/21/22 14:42	1
Cyclohexane	0.48	U	1.0	0.48	ug/L			07/21/22 14:42	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			07/21/22 14:42	1
1,2-Dichlorobenzene	0.48	U	1.0	0.48	ug/L			07/21/22 14:42	1
1,3-Dichlorobenzene	0.45	U	1.0	0.45	ug/L			07/21/22 14:42	1
1,4-Dichlorobenzene	0.41	U	1.0	0.41	ug/L			07/21/22 14:42	1
Dichlorobromomethane	0.17	U	1.0	0.17	ug/L			07/21/22 14:42	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			07/21/22 14:42	1
1,1-Dichloroethane	0.47	U	1.0	0.47	ug/L			07/21/22 14:42	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			07/21/22 14:42	1
1,1-Dichloroethene	0.49	U	1.0	0.49	ug/L			07/21/22 14:42	1
1,2-Dichloropropane	0.47	U	1.0	0.47	ug/L			07/21/22 14:42	1
Ethylbenzene	0.42	U	1.0	0.42	ug/L			07/21/22 14:42	1
Ethylene Dibromide	0.41	U	1.0	0.41	ug/L			07/21/22 14:42	1
2-Hexanone	1.1	U	10	1.1	ug/L			07/21/22 14:42	1
Isopropylbenzene	0.49	U	1.0	0.49	ug/L			07/21/22 14:42	1
Methyl acetate	1.7	U	10	1.7	ug/L			07/21/22 14:42	1
Methylcyclohexane	0.33	U	1.0	0.33	ug/L			07/21/22 14:42	1
Methylene Chloride	2.6	U	5.0	2.6	ug/L			07/21/22 14:42	1
4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99	ug/L			07/21/22 14:42	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/21/22 14:42	1
Styrene	0.45	U	1.0	0.45	ug/L			07/21/22 14:42	1
1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60	ug/L			07/21/22 14:42	1
Tetrachloroethene	0.44	U	1.0	0.44	ug/L			07/21/22 14:42	1
Toluene	2.1		1.0	0.44	ug/L			07/21/22 14:42	1
trans-1,2-Dichloroethene	0.51	U	1.0	0.51	ug/L			07/21/22 14:42	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Date Collected: 07/18/22 11:10

Matrix: Water

Date Received: 07/19/22 10:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			07/21/22 14:42	1
1,2,4-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/21/22 14:42	1
1,1,1-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 14:42	1
1,1,2-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 14:42	1
Trichloroethene	56		1.0	0.44	ug/L			07/21/22 14:42	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			07/21/22 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			07/21/22 14:42	1
Vinyl chloride	0.45	U	1.0	0.45	ug/L			07/21/22 14:42	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			07/21/22 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		56 - 136		07/21/22 14:42	1
Dibromofluoromethane (Surr)	105		73 - 120		07/21/22 14:42	1
1,2-Dichloroethane-d4 (Surr)	97		62 - 137		07/21/22 14:42	1
Toluene-d8 (Surr)	98		78 - 122		07/21/22 14:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.058	U	0.10	0.058	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1221	0.059	U	0.10	0.059	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1232	0.077	U	0.10	0.077	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1242	0.079	U	0.10	0.079	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1248	0.052	U	0.10	0.052	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1254	0.042	U	0.10	0.042	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1260	0.048	U	0.10	0.048	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1262	0.060	U	0.10	0.060	ug/L		07/27/22 09:14	07/29/22 09:46	1
Aroclor-1268	0.065	U	0.10	0.065	ug/L		07/27/22 09:14	07/29/22 09:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		10 - 149	07/27/22 09:14	07/29/22 09:46	1
DCB Decachlorobiphenyl	19		10 - 174	07/27/22 09:14	07/29/22 09:46	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluoroheptanoic acid	0.94 J		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorooctanoic acid	2.2		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorononanoic acid	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorodecanoic acid	0.70 J		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorotridecanoic acid	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorotetradecanoic acid	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorobutanesulfonic acid	0.89 J		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorohexanesulfonic acid	1.3 J		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorooctanesulfonic acid	1.9		1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
NEtFOSAA	0.47	U	2.8	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
NMeFOSAA	0.57	U	1.9	0.57	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluorododecanoic acid	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
HFPODA	0.95	U	2.8	0.95	ng/L		07/27/22 07:13	08/02/22 02:46	1
9Cl-PF3ONS	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
11Cl-PF3OUdS	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Date Collected: 07/18/22 11:10

Matrix: Water

Date Received: 07/19/22 10:10

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DONA	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Perfluoroundecanoic acid	0.47	U	1.9	0.47	ng/L		07/27/22 07:13	08/02/22 02:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	86		24 - 179				07/27/22 07:13	08/02/22 02:46	1
13C4 PFHpA	96		31 - 182				07/27/22 07:13	08/02/22 02:46	1
13C8 PFOA	100		48 - 162				07/27/22 07:13	08/02/22 02:46	1
13C9 PFNA	98		51 - 167				07/27/22 07:13	08/02/22 02:46	1
13C6 PFDA	85		49 - 163				07/27/22 07:13	08/02/22 02:46	1
13C2-PFDoDA	74		17 - 176				07/27/22 07:13	08/02/22 02:46	1
13C2 PFTeDA	70		10 - 179				07/27/22 07:13	08/02/22 02:46	1
13C3 PFBS	119		16 - 200				07/27/22 07:13	08/02/22 02:46	1
13C3 PFHxS	100		28 - 188				07/27/22 07:13	08/02/22 02:46	1
13C8 PFOS	87		51 - 159				07/27/22 07:13	08/02/22 02:46	1
d3-NMeFOSAA	73		31 - 174				07/27/22 07:13	08/02/22 02:46	1
d5-NEtFOSAA	81		29 - 195				07/27/22 07:13	08/02/22 02:46	1
13C3 HFPO-DA	75		17 - 185				07/27/22 07:13	08/02/22 02:46	1
13C7 PFUnA	80		34 - 174				07/27/22 07:13	08/02/22 02:46	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0041	U	0.050	0.0041	mg/L		07/21/22 12:00	07/22/22 19:11	1
Barium	0.065	J B	0.50	0.0013	mg/L		07/21/22 12:00	07/22/22 19:11	1
Cadmium	0.00029	J	0.050	0.00020	mg/L		07/21/22 12:00	07/22/22 19:11	1
Chromium	0.0040	U	0.050	0.0040	mg/L		07/21/22 12:00	07/22/22 19:11	1
Lead	0.0028	U	0.050	0.0028	mg/L		07/21/22 12:00	07/22/22 19:11	1
Selenium	0.0060	U	0.050	0.0060	mg/L		07/21/22 12:00	07/22/22 19:11	1
Silver	0.00062	U	0.050	0.00062	mg/L		07/21/22 12:00	07/22/22 19:11	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	U	0.0020	0.00013	mg/L		07/21/22 12:00	07/22/22 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			08/01/22 09:01	1

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068	J B	0.050	0.0041	mg/L		07/21/22 12:00	07/22/22 19:16	1
Barium	0.11	J B	0.50	0.0013	mg/L		07/21/22 12:00	07/22/22 19:16	1
Cadmium	0.00026	J	0.050	0.00020	mg/L		07/21/22 12:00	07/22/22 19:16	1
Chromium	0.023	J	0.050	0.0040	mg/L		07/21/22 12:00	07/22/22 19:16	1
Lead	0.0028	U	0.050	0.0028	mg/L		07/21/22 12:00	07/22/22 19:16	1
Selenium	0.0060	U	0.050	0.0060	mg/L		07/21/22 12:00	07/22/22 19:16	1
Silver	0.00062	U	0.050	0.00062	mg/L		07/21/22 12:00	07/22/22 19:16	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	U	0.0020	0.00013	mg/L		07/21/22 12:00	07/22/22 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			08/01/22 15:18	1
Percent Solids	84.9		0.1	0.1	%			07/19/22 14:51	1
Percent Moisture	15.1		0.1	0.1	%			07/19/22 14:51	1

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	39		29	24	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Benzene	0.81	U	5.8	0.81	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Bromoform	2.8	U	5.8	2.8	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Bromomethane	4.8	U	5.8	4.8	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
2-Butanone (MEK)	4.1	U	23	4.1	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Carbon disulfide	1.3	U	5.8	1.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Carbon tetrachloride	3.8	U	5.8	3.8	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Chlorobenzene	1.1	U	5.8	1.1	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Chlorodibromomethane	3.2	U	5.8	3.2	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Chloroethane	3.2	U	5.8	3.2	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Chloroform	0.91	U	5.8	0.91	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Chloromethane	2.6	U	5.8	2.6	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
cis-1,2-Dichloroethene	1.7	U	5.8	1.7	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
cis-1,3-Dichloropropene	3.3	U	5.8	3.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Cyclohexane	1.6	U	12	1.6	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,2-Dibromo-3-Chloropropane	4.2	U	12	4.2	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,2-Dichlorobenzene	1.3	U	5.8	1.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,3-Dichlorobenzene	0.94	U	5.8	0.94	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,4-Dichlorobenzene	1.0	U	5.8	1.0	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Dichlorobromomethane	1.7	U	5.8	1.7	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Dichlorodifluoromethane	1.1	U	5.8	1.1	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1-Dichloroethane	0.80	U	5.8	0.80	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,2-Dichloroethane	0.89	U	5.8	0.89	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1-Dichloroethene	2.1	U	5.8	2.1	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,2-Dichloropropane	0.98	U	5.8	0.98	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Ethylbenzene	1.2	U	5.8	1.2	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Ethylene Dibromide	0.89	U	5.8	0.89	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
2-Hexanone	4.7	U	23	4.7	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Isopropylbenzene	2.2	U	5.8	2.2	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Methyl acetate	3.9	U	29	3.9	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Methylcyclohexane	1.4	U	12	1.4	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Methylene Chloride	14	U	29	14	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
4-Methyl-2-pentanone (MIBK)	4.3	U	23	4.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Methyl tert-butyl ether	2.3	U	5.8	2.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Styrene	1.3	U	5.8	1.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1,2,2-Tetrachloroethane	1.7	U	5.8	1.7	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1

Client Sample Results

Client: Tetra Tech, Inc.
 Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.84	U	5.8	0.84	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Toluene	0.89	U	5.8	0.89	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
trans-1,2-Dichloroethene	1.6	U	5.8	1.6	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
trans-1,3-Dichloropropene	4.3	U	5.8	4.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,2,4-Trichlorobenzene	2.9	U	5.8	2.9	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1,1-Trichloroethane	2.0	U	5.8	2.0	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1,2-Trichloroethane	1.3	U	5.8	1.3	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Trichloroethene	0.73	U	5.8	0.73	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Trichlorofluoromethane	3.1	U	5.8	3.1	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	5.8	1.5	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Vinyl chloride	2.0	U	5.8	2.0	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1
Xylenes, Total	1.8	U	12	1.8	ug/Kg	☼	07/28/22 22:32	07/28/22 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		41 - 143	07/28/22 22:32	07/28/22 23:19	1
Dibromofluoromethane (Surr)	127		41 - 138	07/28/22 22:32	07/28/22 23:19	1
1,2-Dichloroethane-d4 (Surr)	137	S1+	58 - 125	07/28/22 22:32	07/28/22 23:19	1
Toluene-d8 (Surr)	115		56 - 125	07/28/22 22:32	07/28/22 23:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	25	U	56	25	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1221	27	U	56	27	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1232	26	U	56	26	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1242	21	U	56	21	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1248	27	U	56	27	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1254	26	U	56	26	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1260	25	U	56	25	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1262	35	U	56	35	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1
Aroclor-1268	26	U	56	26	ug/Kg	☼	08/01/22 10:18	08/02/22 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	47		10 - 149	08/01/22 10:18	08/02/22 12:10	1
DCB Decachlorobiphenyl	54		10 - 174	08/01/22 10:18	08/02/22 12:10	1

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	1.0	0.48	ug/L
1,1,2,2-Tetrachloroethane	1.0	0.60	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	0.41	ug/L
1,1,2-Trichloroethane	1.0	0.48	ug/L
1,1-Dichloroethane	1.0	0.47	ug/L
1,1-Dichloroethene	1.0	0.49	ug/L
1,2,4-Trichlorobenzene	1.0	0.77	ug/L
1,2-Dibromo-3-Chloropropane	2.0	0.91	ug/L
1,2-Dichlorobenzene	1.0	0.48	ug/L
1,2-Dichloroethane	1.0	0.21	ug/L
1,2-Dichloropropane	1.0	0.47	ug/L
1,3-Dichlorobenzene	1.0	0.45	ug/L
1,4-Dichlorobenzene	1.0	0.41	ug/L
2-Butanone (MEK)	10	1.2	ug/L
2-Hexanone	10	1.1	ug/L
4-Methyl-2-pentanone (MIBK)	10	0.99	ug/L
Acetone	10	5.4	ug/L
Benzene	1.0	0.42	ug/L
Bromoform	1.0	0.76	ug/L
Bromomethane	1.0	0.42	ug/L
Carbon disulfide	1.0	0.59	ug/L
Carbon tetrachloride	1.0	0.26	ug/L
Chlorobenzene	1.0	0.38	ug/L
Chlorodibromomethane	1.0	0.39	ug/L
Chloroethane	1.0	0.83	ug/L
Chloroform	1.0	0.47	ug/L
Chloromethane	1.0	0.63	ug/L
cis-1,2-Dichloroethene	1.0	0.46	ug/L
cis-1,3-Dichloropropene	1.0	0.61	ug/L
Cyclohexane	1.0	0.48	ug/L
Dichlorobromomethane	1.0	0.17	ug/L
Dichlorodifluoromethane	1.0	0.35	ug/L
Ethylbenzene	1.0	0.42	ug/L
Ethylene Dibromide	1.0	0.41	ug/L
Isopropylbenzene	1.0	0.49	ug/L
Methyl acetate	10	1.7	ug/L
Methyl tert-butyl ether	1.0	0.47	ug/L
Methylcyclohexane	1.0	0.33	ug/L
Methylene Chloride	5.0	2.6	ug/L
Styrene	1.0	0.45	ug/L
Tetrachloroethene	1.0	0.44	ug/L
Toluene	1.0	0.44	ug/L
trans-1,2-Dichloroethene	1.0	0.51	ug/L
trans-1,3-Dichloropropene	1.0	0.67	ug/L
Trichloroethene	1.0	0.44	ug/L
Trichlorofluoromethane	1.0	0.45	ug/L
Vinyl chloride	1.0	0.45	ug/L
Xylenes, Total	2.0	0.42	ug/L

Method: 8260C - Volatile Organic Compounds by GC/MS

Prep: 5030C

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Prep: 5030C

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	5.0	1.8	ug/Kg
1,1,2,2-Tetrachloroethane	5.0	1.4	ug/Kg
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	1.3	ug/Kg
1,1,2-Trichloroethane	5.0	1.1	ug/Kg
1,1-Dichloroethane	5.0	0.69	ug/Kg
1,1-Dichloroethene	5.0	1.8	ug/Kg
1,2,4-Trichlorobenzene	5.0	2.5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	3.6	ug/Kg
1,2-Dichlorobenzene	5.0	1.1	ug/Kg
1,2-Dichloroethane	5.0	0.77	ug/Kg
1,2-Dichloropropane	5.0	0.85	ug/Kg
1,3-Dichlorobenzene	5.0	0.82	ug/Kg
1,4-Dichlorobenzene	5.0	0.88	ug/Kg
2-Butanone (MEK)	20	3.6	ug/Kg
2-Hexanone	20	4.1	ug/Kg
4-Methyl-2-pentanone (MIBK)	20	3.7	ug/Kg
Acetone	25	21	ug/Kg
Benzene	5.0	0.70	ug/Kg
Bromoform	5.0	2.4	ug/Kg
Bromomethane	5.0	4.2	ug/Kg
Carbon disulfide	5.0	1.2	ug/Kg
Carbon tetrachloride	5.0	3.3	ug/Kg
Chlorobenzene	5.0	0.92	ug/Kg
Chlorodibromomethane	5.0	2.8	ug/Kg
Chloroethane	5.0	2.7	ug/Kg
Chloroform	5.0	0.79	ug/Kg
Chloromethane	5.0	2.3	ug/Kg
cis-1,2-Dichloroethene	5.0	1.5	ug/Kg
cis-1,3-Dichloropropene	5.0	2.9	ug/Kg
Cyclohexane	10	1.4	ug/Kg
Dichlorobromomethane	5.0	1.5	ug/Kg
Dichlorodifluoromethane	5.0	0.94	ug/Kg
Ethylbenzene	5.0	1.0	ug/Kg
Ethylene Dibromide	5.0	0.77	ug/Kg
Isopropylbenzene	5.0	1.9	ug/Kg
Methyl acetate	25	3.4	ug/Kg
Methyl tert-butyl ether	5.0	2.0	ug/Kg
Methylcyclohexane	10	1.2	ug/Kg
Methylene Chloride	25	12	ug/Kg
Styrene	5.0	1.2	ug/Kg
Tetrachloroethene	5.0	0.73	ug/Kg
Toluene	5.0	0.77	ug/Kg
trans-1,2-Dichloroethene	5.0	1.4	ug/Kg
trans-1,3-Dichloropropene	5.0	3.7	ug/Kg
Trichloroethene	5.0	0.63	ug/Kg
Trichlorofluoromethane	5.0	2.7	ug/Kg
Vinyl chloride	5.0	1.8	ug/Kg
Xylenes, Total	10	1.6	ug/Kg

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Prep: 3510C

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Prep: 3510C

Analyte	RL	MDL	Units
Aroclor-1016	0.10	0.056	ug/L
Aroclor-1221	0.10	0.057	ug/L
Aroclor-1232	0.10	0.074	ug/L
Aroclor-1242	0.10	0.076	ug/L
Aroclor-1248	0.10	0.050	ug/L
Aroclor-1254	0.10	0.040	ug/L
Aroclor-1260	0.10	0.046	ug/L
Aroclor-1262	0.10	0.058	ug/L
Aroclor-1268	0.10	0.062	ug/L

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Prep: 3550B

Analyte	RL	MDL	Units
Aroclor-1016	50	22	ug/Kg
Aroclor-1221	50	24	ug/Kg
Aroclor-1232	50	23	ug/Kg
Aroclor-1242	50	19	ug/Kg
Aroclor-1248	50	24	ug/Kg
Aroclor-1254	50	23	ug/Kg
Aroclor-1260	50	22	ug/Kg
Aroclor-1262	50	31	ug/Kg
Aroclor-1268	50	23	ug/Kg

Method: 537 IDA - EPA 537 Isotope Dilution

Prep: 537 IDA

Analyte	RL	MDL	Units
11Cl-PF3OUdS	2.0	0.50	ng/L
9Cl-PF3ONS	2.0	0.50	ng/L
DONA	2.0	0.50	ng/L
HFPODA	3.0	1.0	ng/L
NEtFOSAA	3.0	0.50	ng/L
NMeFOSAA	2.0	0.60	ng/L
Perfluorobutanesulfonic acid	2.0	0.50	ng/L
Perfluorodecanoic acid	2.0	0.50	ng/L
Perfluorododecanoic acid	2.0	0.50	ng/L
Perfluoroheptanoic acid	2.0	0.50	ng/L
Perfluorohexanesulfonic acid	2.0	0.50	ng/L
Perfluorohexanoic acid	2.0	0.50	ng/L
Perfluorononanoic acid	2.0	0.50	ng/L
Perfluorooctanesulfonic acid	2.0	0.50	ng/L
Perfluorooctanoic acid	2.0	0.50	ng/L
Perfluorotetradecanoic acid	2.0	0.50	ng/L
Perfluorotridecanoic acid	2.0	0.50	ng/L
Perfluoroundecanoic acid	2.0	0.50	ng/L

Method: 6010C - Metals (ICP) - TCLP

Prep: 3010A

Leach: 1311

Analyte	RL	MDL	Units
Arsenic	0.050	0.0041	mg/L
Barium	0.50	0.0013	mg/L

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 6010C - Metals (ICP) - TCLP (Continued)

Prep: 3010A

Leach: 1311

Analyte	RL	MDL	Units
Cadmium	0.050	0.00020	mg/L
Chromium	0.050	0.0040	mg/L
Lead	0.050	0.0028	mg/L
Selenium	0.050	0.0060	mg/L
Silver	0.050	0.00062	mg/L

Method: 7470A - Mercury (CVAA) - TCLP

Prep: 7470A

Leach: 1311

Analyte	RL	MDL	Units
Mercury	0.0020	0.00013	mg/L

General Chemistry

Analyte	RL	MDL	Units
Flashpoint	1.00	1.00	Degrees F
Percent Moisture	0.1	0.1	%
Percent Solids	0.1	0.1	%

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (41-143)	DBFM (41-138)	DCA (58-125)	TOL (56-125)
240-170019-3	WC-GSP-S-071822	113	127	137 S1+	115
240-170019-3 MS	WC-GSP-S-071822	116	125	123	114
240-170019-3 MSD	WC-GSP-S-071822	114	122	125	118
LCS 240-536683/5	Lab Control Sample	118	123	121	119

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (56-136)	DBFM (73-120)	DCA (62-137)	TOL (78-122)
240-170019-1	TB-071822	86	103	94	95
240-170019-2	WC-GSP-W-071822	89	105	97	98
LCS 240-535640/5	Lab Control Sample	93	104	95	99
MB 240-535640/8	Method Blank	88	103	94	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (10-149)	DCBP2 (10-174)
240-170019-3	WC-GSP-S-071822	47	54
240-170019-3 MS	WC-GSP-S-071822	47	55
240-170019-3 MSD	WC-GSP-S-071822	57	74
LCS 240-536979/5-A	Lab Control Sample	94	106
MB 240-536979/4-A	Method Blank	46	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (10-149)	DCBP1 (10-174)
240-170019-2	WC-GSP-W-071822	69	19
LCS 240-536374/22-A	Lab Control Sample	89	22

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (10-149)	DCBP1 (10-174)
MB 240-536374/21-A	Method Blank	85	15

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Tetra Tech, Inc.
 Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 537 IDA - EPA 537 Isotope Dilution

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C5PHA (24-179)	C4PFHA (31-182)	C8PFOA (48-162)	C9PFNA (51-167)	C6PFDA (49-163)	PFDoDA (17-176)	PFTDA (10-179)	C3PFBS (16-200)
240-170019-2	WC-GSP-W-071822	86	96	100	98	85	74	70	119
LCS 410-279843/3-A	Lab Control Sample	108	107	107	106	107	98	92	98
LCSD 410-279843/4-A	Lab Control Sample Dup	107	109	106	105	109	102	90	103
MB 410-279843/1-A	Method Blank	104	112	105	103	106	100	87	99

		Percent Isotope Dilution Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	C3PFHS (28-188)	C8PFOS (51-159)	d3NMFOS (31-174)	d5NEFOS (29-195)	HFPODA (17-185)	13C7PUA (34-174)
240-170019-2	WC-GSP-W-071822	100	87	73	81	75	80
LCS 410-279843/3-A	Lab Control Sample	104	104	94	91	99	103
LCSD 410-279843/4-A	Lab Control Sample Dup	106	104	97	98	112	108
MB 410-279843/1-A	Method Blank	104	103	94	96	107	105

Surrogate Legend

- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- C6PFDA = 13C6 PFDA
- PFDoDA = 13C2-PFDoDA
- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- C3PFHS = 13C3 PFHxS
- C8PFOS = 13C8 PFOS
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- HFPODA = 13C3 HFPO-DA
- 13C7PUA = 13C7 PFUnA

QC Sample Results

Client: Tetra Tech, Inc.
 Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-535640/8

Matrix: Water

Analysis Batch: 535640

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	5.4	U	10	5.4	ug/L			07/21/22 13:04	1
Benzene	0.42	U	1.0	0.42	ug/L			07/21/22 13:04	1
Bromoform	0.76	U	1.0	0.76	ug/L			07/21/22 13:04	1
Bromomethane	0.42	U	1.0	0.42	ug/L			07/21/22 13:04	1
2-Butanone (MEK)	1.2	U	10	1.2	ug/L			07/21/22 13:04	1
Carbon disulfide	0.59	U	1.0	0.59	ug/L			07/21/22 13:04	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			07/21/22 13:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/21/22 13:04	1
Chlorodibromomethane	0.39	U	1.0	0.39	ug/L			07/21/22 13:04	1
Chloroethane	0.83	U	1.0	0.83	ug/L			07/21/22 13:04	1
Chloroform	0.727	J	1.0	0.47	ug/L			07/21/22 13:04	1
Chloromethane	0.63	U	1.0	0.63	ug/L			07/21/22 13:04	1
cis-1,2-Dichloroethene	0.46	U	1.0	0.46	ug/L			07/21/22 13:04	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			07/21/22 13:04	1
Cyclohexane	0.48	U	1.0	0.48	ug/L			07/21/22 13:04	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			07/21/22 13:04	1
1,2-Dichlorobenzene	0.48	U	1.0	0.48	ug/L			07/21/22 13:04	1
1,3-Dichlorobenzene	0.45	U	1.0	0.45	ug/L			07/21/22 13:04	1
1,4-Dichlorobenzene	0.41	U	1.0	0.41	ug/L			07/21/22 13:04	1
Dichlorobromomethane	0.298	J	1.0	0.17	ug/L			07/21/22 13:04	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			07/21/22 13:04	1
1,1-Dichloroethane	0.47	U	1.0	0.47	ug/L			07/21/22 13:04	1
1,2-Dichloroethane	0.21	U	1.0	0.21	ug/L			07/21/22 13:04	1
1,1-Dichloroethene	0.49	U	1.0	0.49	ug/L			07/21/22 13:04	1
1,2-Dichloropropane	0.47	U	1.0	0.47	ug/L			07/21/22 13:04	1
Ethylbenzene	0.42	U	1.0	0.42	ug/L			07/21/22 13:04	1
Ethylene Dibromide	0.41	U	1.0	0.41	ug/L			07/21/22 13:04	1
2-Hexanone	1.1	U	10	1.1	ug/L			07/21/22 13:04	1
Isopropylbenzene	0.49	U	1.0	0.49	ug/L			07/21/22 13:04	1
Methyl acetate	1.7	U	10	1.7	ug/L			07/21/22 13:04	1
Methylcyclohexane	0.33	U	1.0	0.33	ug/L			07/21/22 13:04	1
Methylene Chloride	2.6	U	5.0	2.6	ug/L			07/21/22 13:04	1
4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99	ug/L			07/21/22 13:04	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			07/21/22 13:04	1
Styrene	0.45	U	1.0	0.45	ug/L			07/21/22 13:04	1
1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60	ug/L			07/21/22 13:04	1
Tetrachloroethene	0.44	U	1.0	0.44	ug/L			07/21/22 13:04	1
Toluene	0.44	U	1.0	0.44	ug/L			07/21/22 13:04	1
trans-1,2-Dichloroethene	0.51	U	1.0	0.51	ug/L			07/21/22 13:04	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			07/21/22 13:04	1
1,2,4-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/21/22 13:04	1
1,1,1-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 13:04	1
1,1,2-Trichloroethane	0.48	U	1.0	0.48	ug/L			07/21/22 13:04	1
Trichloroethene	0.44	U	1.0	0.44	ug/L			07/21/22 13:04	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			07/21/22 13:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			07/21/22 13:04	1
Vinyl chloride	0.45	U	1.0	0.45	ug/L			07/21/22 13:04	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			07/21/22 13:04	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-535640/8
Matrix: Water
Analysis Batch: 535640

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	88		56 - 136		07/21/22 13:04	1
Dibromofluoromethane (Surr)	103		73 - 120		07/21/22 13:04	1
1,2-Dichloroethane-d4 (Surr)	94		62 - 137		07/21/22 13:04	1
Toluene-d8 (Surr)	95		78 - 122		07/21/22 13:04	1

Lab Sample ID: LCS 240-535640/5
Matrix: Water
Analysis Batch: 535640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Acetone	40.0	35.1		ug/L		88	50 - 149
Benzene	20.0	18.7		ug/L		94	77 - 123
Bromoform	20.0	15.9		ug/L		79	57 - 129
Bromomethane	20.0	13.5		ug/L		68	36 - 142
2-Butanone (MEK)	40.0	33.9		ug/L		85	54 - 156
Carbon disulfide	20.0	18.4		ug/L		92	43 - 140
Carbon tetrachloride	20.0	18.2		ug/L		91	55 - 137
Chlorobenzene	20.0	18.3		ug/L		92	80 - 121
Chlorodibromomethane	20.0	16.9		ug/L		84	70 - 124
Chloroethane	20.0	20.7		ug/L		104	38 - 152
Chloroform	20.0	19.1		ug/L		95	74 - 122
Chloromethane	20.0	17.2		ug/L		86	47 - 143
cis-1,2-Dichloroethene	20.0	18.7		ug/L		94	77 - 123
cis-1,3-Dichloropropene	20.0	16.9		ug/L		84	64 - 130
Cyclohexane	20.0	16.7		ug/L		83	58 - 146
1,2-Dibromo-3-Chloropropane	20.0	15.9		ug/L		79	53 - 135
1,2-Dichlorobenzene	20.0	18.4		ug/L		92	78 - 120
1,3-Dichlorobenzene	20.0	17.9		ug/L		89	80 - 120
1,4-Dichlorobenzene	20.0	18.2		ug/L		91	80 - 120
Dichlorobromomethane	20.0	18.1		ug/L		91	69 - 126
Dichlorodifluoromethane	20.0	21.2		ug/L		106	34 - 153
1,1-Dichloroethane	20.0	17.4		ug/L		87	72 - 127
1,2-Dichloroethane	20.0	18.2		ug/L		91	66 - 128
1,1-Dichloroethene	20.0	18.3		ug/L		92	63 - 134
1,2-Dichloropropane	20.0	17.7		ug/L		89	75 - 133
Ethylbenzene	20.0	17.5		ug/L		88	80 - 121
Ethylene Dibromide	20.0	17.7		ug/L		89	71 - 134
2-Hexanone	40.0	32.1		ug/L		80	43 - 167
Isopropylbenzene	20.0	16.1		ug/L		81	74 - 128
Methyl acetate	40.0	31.3		ug/L		78	42 - 169
Methylcyclohexane	20.0	15.1		ug/L		75	62 - 136
Methylene Chloride	20.0	17.2		ug/L		86	71 - 125
4-Methyl-2-pentanone (MIBK)	40.0	32.8		ug/L		82	46 - 158
Methyl tert-butyl ether	20.0	17.3		ug/L		86	65 - 126
m-Xylene & p-Xylene	20.0	17.1		ug/L		86	80 - 120
o-Xylene	20.0	17.5		ug/L		87	80 - 123
Styrene	20.0	17.6		ug/L		88	80 - 135
1,1,1,2-Tetrachloroethane	20.0	18.6		ug/L		93	58 - 157

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-535640/5
Matrix: Water
Analysis Batch: 535640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	20.0	18.9		ug/L		95	76 - 123
Toluene	20.0	17.9		ug/L		89	80 - 123
trans-1,2-Dichloroethene	20.0	17.6		ug/L		88	75 - 124
trans-1,3-Dichloropropene	20.0	16.8		ug/L		84	57 - 129
1,2,4-Trichlorobenzene	20.0	16.7		ug/L		83	44 - 147
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	64 - 131
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	70 - 138
Trichloroethene	20.0	19.4		ug/L		97	70 - 122
Trichlorofluoromethane	20.0	20.9		ug/L		105	30 - 170
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.6		ug/L		98	51 - 146
Vinyl chloride	20.0	18.5		ug/L		92	60 - 144
Xylenes, Total	40.0	34.6		ug/L		87	80 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		56 - 136
Dibromofluoromethane (Surr)	104		73 - 120
1,2-Dichloroethane-d4 (Surr)	95		62 - 137
Toluene-d8 (Surr)	99		78 - 122

Lab Sample ID: LCS 240-536683/5
Matrix: Solid
Analysis Batch: 536683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	104		ug/Kg		104	58 - 160
Benzene	50.0	50.8		ug/Kg		102	76 - 121
Bromoform	50.0	42.6		ug/Kg		85	57 - 140
Bromomethane	20.0	11.9		ug/Kg		60	10 - 171
2-Butanone (MEK)	100	95.3		ug/Kg		95	63 - 142
Carbon disulfide	50.0	53.5		ug/Kg		107	43 - 152
Carbon tetrachloride	50.0	54.4		ug/Kg		109	64 - 144
Chlorobenzene	50.0	49.0		ug/Kg		98	80 - 120
Chlorodibromomethane	50.0	45.2		ug/Kg		90	68 - 131
Chloroethane	20.0	11.5		ug/Kg		58	11 - 164
Chloroform	50.0	50.9		ug/Kg		102	78 - 120
Chloromethane	20.0	16.4		ug/Kg		82	41 - 142
cis-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	78 - 124
cis-1,3-Dichloropropene	50.0	51.4		ug/Kg		103	70 - 133
Cyclohexane	50.0	52.5		ug/Kg		105	65 - 137
1,2-Dibromo-3-Chloropropane	50.0	48.7		ug/Kg		97	52 - 133
1,2-Dichlorobenzene	50.0	49.5		ug/Kg		99	73 - 120
1,3-Dichlorobenzene	50.0	49.3		ug/Kg		99	73 - 120
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	74 - 120
Dichlorobromomethane	50.0	50.9		ug/Kg		102	71 - 138
Dichlorodifluoromethane	20.0	16.4		ug/Kg		82	21 - 150
1,1-Dichloroethane	50.0	50.2		ug/Kg		100	74 - 121
1,2-Dichloroethane	50.0	48.6		ug/Kg		97	71 - 123
1,1-Dichloroethene	50.0	53.9		ug/Kg		108	68 - 141

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-536683/5
Matrix: Solid
Analysis Batch: 536683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	50.0	50.4		ug/Kg		101	76 - 126
Ethylbenzene	50.0	49.9		ug/Kg		100	80 - 120
Ethylene Dibromide	50.0	49.1		ug/Kg		98	80 - 121
2-Hexanone	100	98.2		ug/Kg		98	65 - 142
Isopropylbenzene	50.0	50.6		ug/Kg		101	80 - 130
Methyl acetate	100	91.9		ug/Kg		92	60 - 133
Methylcyclohexane	50.0	51.3		ug/Kg		103	70 - 138
Methylene Chloride	50.0	43.8		ug/Kg		88	71 - 124
4-Methyl-2-pentanone (MIBK)	100	93.4		ug/Kg		93	62 - 142
Methyl tert-butyl ether	50.0	47.9		ug/Kg		96	70 - 130
m-Xylene & p-Xylene	50.0	50.2		ug/Kg		100	80 - 122
o-Xylene	50.0	50.4		ug/Kg		101	80 - 124
Styrene	50.0	50.1		ug/Kg		100	75 - 140
1,1,2,2-Tetrachloroethane	50.0	48.5		ug/Kg		97	66 - 129
Tetrachloroethene	50.0	51.0		ug/Kg		102	76 - 127
Toluene	50.0	49.3		ug/Kg		99	80 - 120
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	76 - 130
trans-1,3-Dichloropropene	50.0	51.6		ug/Kg		103	61 - 121
1,2,4-Trichlorobenzene	50.0	50.0		ug/Kg		100	58 - 132
1,1,1-Trichloroethane	50.0	52.3		ug/Kg		105	74 - 136
1,1,2-Trichloroethane	50.0	49.9		ug/Kg		100	79 - 120
Trichloroethene	50.0	52.1		ug/Kg		104	74 - 130
Trichlorofluoromethane	20.0	14.3		ug/Kg		71	50 - 154
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.6		ug/Kg		109	64 - 148
Vinyl chloride	20.0	15.6		ug/Kg		78	49 - 146
Xylenes, Total	100	101		ug/Kg		101	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		41 - 143
Dibromofluoromethane (Surr)	123		41 - 138
1,2-Dichloroethane-d4 (Surr)	121		58 - 125
Toluene-d8 (Surr)	119		56 - 125

Lab Sample ID: 240-170019-3 MS
Matrix: Solid
Analysis Batch: 536683

Client Sample ID: WC-GSP-S-071822
Prep Type: Total/NA
Prep Batch: 536685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	39		117	109		ug/Kg	☼	60	35 - 167
Benzene	0.81	U	58.5	54.5		ug/Kg	☼	93	39 - 134
Bromoform	2.8	U	58.5	34.9		ug/Kg	☼	60	12 - 144
Bromomethane	4.8	U	23.4	8.89		ug/Kg	☼	38	10 - 161
2-Butanone (MEK)	4.1	U	117	88.9		ug/Kg	☼	76	30 - 157
Carbon disulfide	1.3	U	58.5	65.3		ug/Kg	☼	112	24 - 153
Carbon tetrachloride	3.8	U	58.5	63.9		ug/Kg	☼	109	37 - 145
Chlorobenzene	1.1	U	58.5	48.6		ug/Kg	☼	83	18 - 134
Chlorodibromomethane	3.2	U	58.5	38.1		ug/Kg	☼	65	25 - 143
Chloroethane	3.2	U	23.4	14.6		ug/Kg	☼	63	14 - 159

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-170019-3 MS

Matrix: Solid

Analysis Batch: 536683

Client Sample ID: WC-GSP-S-071822

Prep Type: Total/NA

Prep Batch: 536685

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Chloroform	0.91	U	58.5	52.2		ug/Kg	☼	89		43 - 134
Chloromethane	2.6	U	23.4	19.9		ug/Kg	☼	85		32 - 151
cis-1,2-Dichloroethene	1.7	U	58.5	52.1		ug/Kg	☼	89		48 - 132
cis-1,3-Dichloropropene	3.3	U	58.5	45.2		ug/Kg	☼	77		23 - 139
Cyclohexane	1.6	U	58.5	64.6		ug/Kg	☼	110		31 - 147
1,2-Dibromo-3-Chloropropane	4.2	U	58.5	41.0		ug/Kg	☼	70		12 - 144
1,2-Dichlorobenzene	1.3	U	58.5	42.3		ug/Kg	☼	72		10 - 126
1,3-Dichlorobenzene	0.94	U	58.5	43.9		ug/Kg	☼	75		10 - 131
1,4-Dichlorobenzene	1.0	U	58.5	43.1		ug/Kg	☼	74		10 - 129
Dichlorobromomethane	1.7	U	58.5	45.5		ug/Kg	☼	78		32 - 146
Dichlorodifluoromethane	1.1	U	23.4	21.5		ug/Kg	☼	92		16 - 157
1,1-Dichloroethane	0.80	U	58.5	53.8		ug/Kg	☼	92		46 - 135
1,2-Dichloroethane	0.89	U	58.5	43.6		ug/Kg	☼	74		40 - 132
1,1-Dichloroethene	2.1	U	58.5	68.5		ug/Kg	☼	117		44 - 160
1,2-Dichloropropane	0.98	U	58.5	50.0		ug/Kg	☼	85		45 - 133
Ethylbenzene	1.2	U	58.5	54.0		ug/Kg	☼	92		17 - 137
Ethylene Dibromide	0.89	U	58.5	41.3		ug/Kg	☼	70		31 - 142
2-Hexanone	4.7	U	117	83.4		ug/Kg	☼	71		20 - 166
Isopropylbenzene	2.2	U	58.5	54.5		ug/Kg	☼	93		10 - 146
Methyl acetate	3.9	U	117	89.1		ug/Kg	☼	76		13 - 164
Methylcyclohexane	1.4	U	58.5	59.8		ug/Kg	☼	102		20 - 153
Methylene Chloride	14	U	58.5	46.4		ug/Kg	☼	79		38 - 145
4-Methyl-2-pentanone (MIBK)	4.3	U	117	79.5		ug/Kg	☼	68		31 - 159
Methyl tert-butyl ether	2.3	U	58.5	42.7		ug/Kg	☼	73		55 - 134
m-Xylene & p-Xylene	0.91	U	58.5	53.5		ug/Kg	☼	91		10 - 141
o-Xylene	1.0	U	58.5	51.4		ug/Kg	☼	88		18 - 139
Styrene	1.3	U	58.5	48.1		ug/Kg	☼	82		10 - 149
1,1,2,2-Tetrachloroethane	1.7	U	58.5	41.3		ug/Kg	☼	71		26 - 159
Tetrachloroethene	0.84	U	58.5	58.0		ug/Kg	☼	99		19 - 147
Toluene	0.89	U	58.5	50.3		ug/Kg	☼	86		30 - 137
trans-1,2-Dichloroethene	1.6	U	58.5	58.1		ug/Kg	☼	99		41 - 145
trans-1,3-Dichloropropene	4.3	U	58.5	41.1		ug/Kg	☼	70		19 - 130
1,2,4-Trichlorobenzene	2.9	U	58.5	35.0		ug/Kg	☼	60		10 - 120
1,1,1-Trichloroethane	2.0	U	58.5	60.6		ug/Kg	☼	104		46 - 144
1,1,2-Trichloroethane	1.3	U	58.5	42.3		ug/Kg	☼	72		26 - 149
Trichloroethene	0.73	U	58.5	59.5		ug/Kg	☼	102		21 - 158
Trichlorofluoromethane	3.1	U	23.4	18.3		ug/Kg	☼	78		36 - 161
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	58.5	69.3		ug/Kg	☼	118		35 - 164
Vinyl chloride	2.0	U	23.4	19.5		ug/Kg	☼	83		32 - 163
Xylenes, Total	1.8	U	117	105		ug/Kg	☼	90		17 - 138
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	116		41 - 143							
Dibromofluoromethane (Surr)	125		41 - 138							
1,2-Dichloroethane-d4 (Surr)	123		58 - 125							
Toluene-d8 (Surr)	114		56 - 125							

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-170019-3 MSD

Matrix: Solid

Analysis Batch: 536683

Client Sample ID: WC-GSP-S-071822

Prep Type: Total/NA

Prep Batch: 536685

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	39		116	113		ug/Kg	☼	64	35 - 167	3	40
Benzene	0.81	U	58.2	53.2		ug/Kg	☼	92	39 - 134	2	40
Bromoform	2.8	U	58.2	34.4		ug/Kg	☼	59	12 - 144	1	40
Bromomethane	4.8	U	23.3	10.5		ug/Kg	☼	45	10 - 161	16	40
2-Butanone (MEK)	4.1	U	116	82.4		ug/Kg	☼	71	30 - 157	8	40
Carbon disulfide	1.3	U	58.2	60.2		ug/Kg	☼	103	24 - 153	8	40
Carbon tetrachloride	3.8	U	58.2	62.2		ug/Kg	☼	107	37 - 145	3	38
Chlorobenzene	1.1	U	58.2	48.1		ug/Kg	☼	83	18 - 134	1	40
Chlorodibromomethane	3.2	U	58.2	38.2		ug/Kg	☼	66	25 - 143	0	40
Chloroethane	3.2	U	23.3	13.8		ug/Kg	☼	59	14 - 159	6	40
Chloroform	0.91	U	58.2	51.4		ug/Kg	☼	88	43 - 134	1	36
Chloromethane	2.6	U	23.3	18.3		ug/Kg	☼	79	32 - 151	8	38
cis-1,2-Dichloroethene	1.7	U	58.2	50.6		ug/Kg	☼	87	48 - 132	3	37
cis-1,3-Dichloropropene	3.3	U	58.2	45.3		ug/Kg	☼	78	23 - 139	0	39
Cyclohexane	1.6	U	58.2	59.8		ug/Kg	☼	103	31 - 147	8	39
1,2-Dibromo-3-Chloropropane	4.2	U	58.2	41.7		ug/Kg	☼	72	12 - 144	2	40
1,2-Dichlorobenzene	1.3	U	58.2	42.4		ug/Kg	☼	73	10 - 126	0	40
1,3-Dichlorobenzene	0.94	U	58.2	43.8		ug/Kg	☼	75	10 - 131	0	40
1,4-Dichlorobenzene	1.0	U	58.2	42.7		ug/Kg	☼	73	10 - 129	1	40
Dichlorobromomethane	1.7	U	58.2	45.6		ug/Kg	☼	78	32 - 146	0	39
Dichlorodifluoromethane	1.1	U	23.3	20.7		ug/Kg	☼	89	16 - 157	4	40
1,1-Dichloroethane	0.80	U	58.2	52.2		ug/Kg	☼	90	46 - 135	3	36
1,2-Dichloroethane	0.89	U	58.2	44.1		ug/Kg	☼	76	40 - 132	1	35
1,1-Dichloroethene	2.1	U	58.2	64.8		ug/Kg	☼	111	44 - 160	6	37
1,2-Dichloropropane	0.98	U	58.2	48.9		ug/Kg	☼	84	45 - 133	2	37
Ethylbenzene	1.2	U	58.2	53.4		ug/Kg	☼	92	17 - 137	1	40
Ethylene Dibromide	0.89	U	58.2	41.6		ug/Kg	☼	72	31 - 142	1	40
2-Hexanone	4.7	U	116	81.1		ug/Kg	☼	70	20 - 166	3	40
Isopropylbenzene	2.2	U	58.2	55.4		ug/Kg	☼	95	10 - 146	2	40
Methyl acetate	3.9	U	116	79.7		ug/Kg	☼	68	13 - 164	11	40
Methylcyclohexane	1.4	U	58.2	58.3		ug/Kg	☼	100	20 - 153	3	40
Methylene Chloride	14	U	58.2	44.0		ug/Kg	☼	76	38 - 145	5	40
4-Methyl-2-pentanone (MIBK)	4.3	U	116	77.3		ug/Kg	☼	66	31 - 159	3	40
Methyl tert-butyl ether	2.3	U	58.2	41.3		ug/Kg	☼	71	55 - 134	3	37
m-Xylene & p-Xylene	0.91	U	58.2	52.2		ug/Kg	☼	90	10 - 141	2	40
o-Xylene	1.0	U	58.2	51.6		ug/Kg	☼	89	18 - 139	1	40
Styrene	1.3	U	58.2	46.8		ug/Kg	☼	80	10 - 149	3	40
1,1,2,2-Tetrachloroethane	1.7	U	58.2	40.6		ug/Kg	☼	70	26 - 159	2	40
Tetrachloroethene	0.84	U	58.2	56.7		ug/Kg	☼	97	19 - 147	2	40
Toluene	0.89	U	58.2	52.3		ug/Kg	☼	90	30 - 137	4	40
trans-1,2-Dichloroethene	1.6	U	58.2	56.9		ug/Kg	☼	98	41 - 145	2	37
trans-1,3-Dichloropropene	4.3	U	58.2	43.8		ug/Kg	☼	75	19 - 130	6	40
1,2,4-Trichlorobenzene	2.9	U	58.2	36.7		ug/Kg	☼	63	10 - 120	5	40
1,1,1-Trichloroethane	2.0	U	58.2	59.9		ug/Kg	☼	103	46 - 144	1	37
1,1,2-Trichloroethane	1.3	U	58.2	43.2		ug/Kg	☼	74	26 - 149	2	40
Trichloroethene	0.73	U	58.2	56.5		ug/Kg	☼	97	21 - 158	5	40
Trichlorofluoromethane	3.1	U	23.3	17.6		ug/Kg	☼	76	36 - 161	4	40
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	58.2	64.9		ug/Kg	☼	112	35 - 164	7	37

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-170019-3 MSD
Matrix: Solid
Analysis Batch: 536683

Client Sample ID: WC-GSP-S-071822
Prep Type: Total/NA
Prep Batch: 536685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	2.0	U	23.3	18.8		ug/Kg	☼	81	32 - 163	4	38
Xylenes, Total	1.8	U	116	104		ug/Kg	☼	89	17 - 138	1	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		41 - 143
Dibromofluoromethane (Surr)	122		41 - 138
1,2-Dichloroethane-d4 (Surr)	125		58 - 125
Toluene-d8 (Surr)	118		56 - 125

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-536374/21-A
Matrix: Water
Analysis Batch: 536712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 536374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.056	U	0.10	0.056	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1221	0.057	U	0.10	0.057	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1232	0.074	U	0.10	0.074	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1242	0.076	U	0.10	0.076	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1248	0.050	U	0.10	0.050	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1254	0.040	U	0.10	0.040	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1260	0.046	U	0.10	0.046	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1262	0.058	U	0.10	0.058	ug/L		07/27/22 09:17	07/29/22 08:56	1
Aroclor-1268	0.062	U	0.10	0.062	ug/L		07/27/22 09:17	07/29/22 08:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		10 - 149	07/27/22 09:17	07/29/22 08:56	1
DCB Decachlorobiphenyl	15		10 - 174	07/27/22 09:17	07/29/22 08:56	1

Lab Sample ID: LCS 240-536374/22-A
Matrix: Water
Analysis Batch: 536712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 536374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	2.00		ug/L		80	28 - 140
Aroclor-1260	2.50	1.81		ug/L		72	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	89		10 - 149
DCB Decachlorobiphenyl	22		10 - 174

Lab Sample ID: MB 240-536979/4-A
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 536979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	22	U	50	22	ug/Kg		08/01/22 10:18	08/02/22 11:38	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-536979/4-A
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 536979

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Aroclor-1221	24	U	50	24	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1232	23	U	50	23	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1242	19	U	50	19	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1248	24	U	50	24	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1254	23	U	50	23	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1260	22	U	50	22	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1262	31	U	50	31	ug/Kg		08/01/22 10:18	08/02/22 11:38			1
Aroclor-1268	23	U	50	23	ug/Kg		08/01/22 10:18	08/02/22 11:38			1

Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
Tetrachloro-m-xylene	46		10 - 149	08/01/22 10:18	08/02/22 11:38			1
DCB Decachlorobiphenyl	62		10 - 174	08/01/22 10:18	08/02/22 11:38			1

Lab Sample ID: LCS 240-536979/5-A
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 536979

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Aroclor-1016	1000	751		ug/Kg		75	28 - 140	
Aroclor-1260	1000	933		ug/Kg		93	39 - 153	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	94		10 - 149
DCB Decachlorobiphenyl	106		10 - 174

Lab Sample ID: 240-170019-3 MS
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: WC-GSP-S-071822
Prep Type: Total/NA
Prep Batch: 536979

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	
Aroclor-1016	25	U	1180	441		ug/Kg	☼	37	10 - 146	
Aroclor-1260	25	U	1180	576		ug/Kg	☼	49	10 - 158	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	47		10 - 149
DCB Decachlorobiphenyl	55		10 - 174

Lab Sample ID: 240-170019-3 MSD
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: WC-GSP-S-071822
Prep Type: Total/NA
Prep Batch: 536979

Analyte	Sample Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Aroclor-1016	25	U	1160	498		ug/Kg	☼	43	10 - 146	12	40	
Aroclor-1260	25	U	1160	708		ug/Kg	☼	61	10 - 158	21	40	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	57		10 - 149

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-170019-3 MSD
Matrix: Solid
Analysis Batch: 537164

Client Sample ID: WC-GSP-S-071822
Prep Type: Total/NA
Prep Batch: 536979

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	74		10 - 174

Method: 537 IDA - EPA 537 Isotope Dilution

Lab Sample ID: MB 410-279843/1-A
Matrix: Water
Analysis Batch: 281284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 279843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluoroheptanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorooctanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorononanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorodecanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorotridecanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorotetradecanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorobutanesulfonic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorohexanesulfonic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorooctanesulfonic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
NEtFOSAA	0.50	U	3.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
NMeFOSAA	0.60	U	2.0	0.60	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluorododecanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
HFPODA	1.0	U	3.0	1.0	ng/L		07/27/22 07:13	08/02/22 02:01	1
9Cl-PF3ONS	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
11Cl-PF3OUdS	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
DONA	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1
Perfluoroundecanoic acid	0.50	U	2.0	0.50	ng/L		07/27/22 07:13	08/02/22 02:01	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	104		24 - 179	07/27/22 07:13	08/02/22 02:01	1
13C4 PFHpA	112		31 - 182	07/27/22 07:13	08/02/22 02:01	1
13C8 PFOA	105		48 - 162	07/27/22 07:13	08/02/22 02:01	1
13C9 PFNA	103		51 - 167	07/27/22 07:13	08/02/22 02:01	1
13C6 PFDA	106		49 - 163	07/27/22 07:13	08/02/22 02:01	1
13C2-PFDoDA	100		17 - 176	07/27/22 07:13	08/02/22 02:01	1
13C2 PFTeDA	87		10 - 179	07/27/22 07:13	08/02/22 02:01	1
13C3 PFBS	99		16 - 200	07/27/22 07:13	08/02/22 02:01	1
13C3 PFHxS	104		28 - 188	07/27/22 07:13	08/02/22 02:01	1
13C8 PFOS	103		51 - 159	07/27/22 07:13	08/02/22 02:01	1
d3-NMeFOSAA	94		31 - 174	07/27/22 07:13	08/02/22 02:01	1
d5-NEtFOSAA	96		29 - 195	07/27/22 07:13	08/02/22 02:01	1
13C3 HFPO-DA	107		17 - 185	07/27/22 07:13	08/02/22 02:01	1
13C7 PFUnA	105		34 - 174	07/27/22 07:13	08/02/22 02:01	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-279843/3-A
Matrix: Water
Analysis Batch: 281284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 279843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	25.6	24.2		ng/L		95	58 - 139
Perfluoroheptanoic acid	25.6	25.6		ng/L		100	59 - 145
Perfluorooctanoic acid	25.6	24.2		ng/L		94	51 - 145
Perfluorononanoic acid	25.6	24.4		ng/L		95	61 - 139
Perfluorodecanoic acid	25.6	24.0		ng/L		94	56 - 138
Perfluorotridecanoic acid	25.6	24.5		ng/L		96	58 - 146
Perfluorotetradecanoic acid	25.6	24.9		ng/L		97	62 - 139
Perfluorobutanesulfonic acid	22.7	23.2		ng/L		102	53 - 138
Perfluorohexanesulfonic acid	23.3	21.8		ng/L		93	58 - 134
Perfluorooctanesulfonic acid	23.7	22.5		ng/L		95	45 - 150
NEtFOSAA	25.6	25.9		ng/L		101	55 - 134
NMeFOSAA	25.6	23.8		ng/L		93	59 - 140
Perfluorododecanoic acid	25.6	24.3		ng/L		95	59 - 143
HFPODA	25.6	25.8		ng/L		101	50 - 135
9Cl-PF3ONS	23.8	22.6		ng/L		95	59 - 135
11Cl-PF3OUdS	23.8	21.5		ng/L		90	53 - 139
DONA	24.2	23.0		ng/L		95	55 - 143
Perfluoroundecanoic acid	25.6	24.3		ng/L		95	60 - 141

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	108		24 - 179
13C4 PFHpA	107		31 - 182
13C8 PFOA	107		48 - 162
13C9 PFNA	106		51 - 167
13C6 PFDA	107		49 - 163
13C2-PFDoDA	98		17 - 176
13C2 PFTeDA	92		10 - 179
13C3 PFBS	98		16 - 200
13C3 PFHxS	104		28 - 188
13C8 PFOS	104		51 - 159
d3-NMeFOSAA	94		31 - 174
d5-NEtFOSAA	91		29 - 195
13C3 HFPO-DA	99		17 - 185
13C7 PFUnA	103		34 - 174

Lab Sample ID: LCSD 410-279843/4-A
Matrix: Water
Analysis Batch: 281284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 279843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.6	24.2		ng/L		94	58 - 139	0	30
Perfluoroheptanoic acid	25.6	24.7		ng/L		96	59 - 145	4	30
Perfluorooctanoic acid	25.6	23.8		ng/L		93	51 - 145	2	30
Perfluorononanoic acid	25.6	24.8		ng/L		97	61 - 139	2	30
Perfluorodecanoic acid	25.6	24.8		ng/L		97	56 - 138	3	30
Perfluorotridecanoic acid	25.6	23.8		ng/L		93	58 - 146	3	30
Perfluorotetradecanoic acid	25.6	24.4		ng/L		95	62 - 139	2	30
Perfluorobutanesulfonic acid	22.7	21.9		ng/L		97	53 - 138	6	30
Perfluorohexanesulfonic acid	23.3	21.9		ng/L		94	58 - 134	1	30

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCSD 410-279843/4-A
Matrix: Water
Analysis Batch: 281284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 279843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid	23.7	23.0		ng/L		97	45 - 150	2	30
NEtFOSAA	25.6	25.5		ng/L		100	55 - 134	1	30
NMeFOSAA	25.6	25.5		ng/L		100	59 - 140	7	30
Perfluorododecanoic acid	25.6	23.8		ng/L		93	59 - 143	2	30
HFPODA	25.6	24.7		ng/L		96	50 - 135	4	30
9Cl-PF3ONS	23.8	23.5		ng/L		99	59 - 135	4	30
11Cl-PF3OUdS	23.8	23.3		ng/L		98	53 - 139	8	30
DONA	24.2	22.1		ng/L		91	55 - 143	4	30
Perfluoroundecanoic acid	25.6	24.5		ng/L		96	60 - 141	1	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C5 PFHxA	107		24 - 179
13C4 PFHpA	109		31 - 182
13C8 PFOA	106		48 - 162
13C9 PFNA	105		51 - 167
13C6 PFDA	109		49 - 163
13C2-PFDoDA	102		17 - 176
13C2 PFTeDA	90		10 - 179
13C3 PFBS	103		16 - 200
13C3 PFHxS	106		28 - 188
13C8 PFOS	104		51 - 159
d3-NMeFOSAA	97		31 - 174
d5-NEtFOSAA	98		29 - 195
13C3 HFPO-DA	112		17 - 185
13C7 PFUnA	108		34 - 174

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 240-535682/2-A
Matrix: Solid
Analysis Batch: 535859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0041	U	0.050	0.0041	mg/L		07/21/22 12:00	07/22/22 18:01	1
Barium	0.0013	U	0.50	0.0013	mg/L		07/21/22 12:00	07/22/22 18:01	1
Cadmium	0.00020	U	0.050	0.00020	mg/L		07/21/22 12:00	07/22/22 18:01	1
Chromium	0.0040	U	0.050	0.0040	mg/L		07/21/22 12:00	07/22/22 18:01	1
Lead	0.0028	U	0.050	0.0028	mg/L		07/21/22 12:00	07/22/22 18:01	1
Selenium	0.0060	U	0.050	0.0060	mg/L		07/21/22 12:00	07/22/22 18:01	1
Silver	0.00062	U	0.050	0.00062	mg/L		07/21/22 12:00	07/22/22 18:01	1

Lab Sample ID: LCS 240-535682/3-A
Matrix: Solid
Analysis Batch: 535859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2.00	2.06		mg/L		103	50 - 150
Barium	2.00	1.93		mg/L		96	50 - 150
Cadmium	1.00	1.01		mg/L		101	50 - 150

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-535682/3-A
Matrix: Solid
Analysis Batch: 535859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	1.00	0.892		mg/L		89	50 - 150
Lead	1.00	0.878		mg/L		88	50 - 150
Selenium	2.00	2.08		mg/L		104	50 - 150
Silver	0.100	0.0943		mg/L		94	50 - 150

Lab Sample ID: LB 240-535573/1-B
Matrix: Solid
Analysis Batch: 535859

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 535682

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00612	J	0.050	0.0041	mg/L		07/21/22 12:00	07/22/22 17:57	1
Barium	0.00421	J	0.50	0.0013	mg/L		07/21/22 12:00	07/22/22 17:57	1
Cadmium	0.00020	U	0.050	0.00020	mg/L		07/21/22 12:00	07/22/22 17:57	1
Chromium	0.0040	U	0.050	0.0040	mg/L		07/21/22 12:00	07/22/22 17:57	1
Lead	0.0028	U	0.050	0.0028	mg/L		07/21/22 12:00	07/22/22 17:57	1
Selenium	0.0060	U	0.050	0.0060	mg/L		07/21/22 12:00	07/22/22 17:57	1
Silver	0.00062	U	0.050	0.00062	mg/L		07/21/22 12:00	07/22/22 17:57	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-535684/2-A
Matrix: Solid
Analysis Batch: 535898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	U	0.0020	0.00013	mg/L		07/21/22 12:00	07/22/22 14:45	1

Lab Sample ID: LCS 240-535684/3-A
Matrix: Solid
Analysis Batch: 535898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00503		mg/L		101	80 - 120

Lab Sample ID: LB 240-535573/1-C
Matrix: Solid
Analysis Batch: 535898

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 535684

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	U	0.0020	0.00013	mg/L		07/21/22 12:00	07/22/22 14:43	1

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-537059/1
Matrix: Solid
Analysis Batch: 537059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Flashpoint	81.0	81.00		Degrees F		100	97 - 103

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

GC/MS VOA

Analysis Batch: 535640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-1	TB-071822	Total/NA	Water	8260C	
240-170019-2	WC-GSP-W-071822	Total/NA	Water	8260C	
MB 240-535640/8	Method Blank	Total/NA	Water	8260C	
LCS 240-535640/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 536683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	8260C	536685
LCS 240-536683/5	Lab Control Sample	Total/NA	Solid	8260C	
240-170019-3 MS	WC-GSP-S-071822	Total/NA	Solid	8260C	536685
240-170019-3 MSD	WC-GSP-S-071822	Total/NA	Solid	8260C	536685

Prep Batch: 536685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	5030C	
240-170019-3 MS	WC-GSP-S-071822	Total/NA	Solid	5030C	
240-170019-3 MSD	WC-GSP-S-071822	Total/NA	Solid	5030C	

GC Semi VOA

Prep Batch: 536374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	Total/NA	Water	3510C	
MB 240-536374/21-A	Method Blank	Total/NA	Water	3510C	
LCS 240-536374/22-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 536712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	Total/NA	Water	8082A	536374
MB 240-536374/21-A	Method Blank	Total/NA	Water	8082A	536374
LCS 240-536374/22-A	Lab Control Sample	Total/NA	Water	8082A	536374

Prep Batch: 536979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	3550B	
MB 240-536979/4-A	Method Blank	Total/NA	Solid	3550B	
LCS 240-536979/5-A	Lab Control Sample	Total/NA	Solid	3550B	
240-170019-3 MS	WC-GSP-S-071822	Total/NA	Solid	3550B	
240-170019-3 MSD	WC-GSP-S-071822	Total/NA	Solid	3550B	

Analysis Batch: 537164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	8082A	536979
MB 240-536979/4-A	Method Blank	Total/NA	Solid	8082A	536979
LCS 240-536979/5-A	Lab Control Sample	Total/NA	Solid	8082A	536979
240-170019-3 MS	WC-GSP-S-071822	Total/NA	Solid	8082A	536979
240-170019-3 MSD	WC-GSP-S-071822	Total/NA	Solid	8082A	536979

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

LCMS

Prep Batch: 279843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	Total/NA	Water	537 IDA	
MB 410-279843/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-279843/3-A	Lab Control Sample	Total/NA	Water	537 IDA	
LCSD 410-279843/4-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	

Analysis Batch: 281284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	Total/NA	Water	537 IDA	279843
MB 410-279843/1-A	Method Blank	Total/NA	Water	537 IDA	279843
LCS 410-279843/3-A	Lab Control Sample	Total/NA	Water	537 IDA	279843
LCSD 410-279843/4-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	279843

Metals

Leach Batch: 535573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	TCLP	Water	1311	
240-170019-3	WC-GSP-S-071822	TCLP	Solid	1311	
LB 240-535573/1-B	Method Blank	TCLP	Solid	1311	
LB 240-535573/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 535682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	TCLP	Water	3010A	535573
240-170019-3	WC-GSP-S-071822	TCLP	Solid	3010A	535573
LB 240-535573/1-B	Method Blank	TCLP	Solid	3010A	535573
MB 240-535682/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-535682/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 535684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	TCLP	Water	7470A	535573
240-170019-3	WC-GSP-S-071822	TCLP	Solid	7470A	535573
LB 240-535573/1-C	Method Blank	TCLP	Solid	7470A	535573
MB 240-535684/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-535684/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 535859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	TCLP	Water	6010C	535682
240-170019-3	WC-GSP-S-071822	TCLP	Solid	6010C	535682
LB 240-535573/1-B	Method Blank	TCLP	Solid	6010C	535682
MB 240-535682/2-A	Method Blank	Total/NA	Solid	6010C	535682
LCS 240-535682/3-A	Lab Control Sample	Total/NA	Solid	6010C	535682

Analysis Batch: 535898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	TCLP	Water	7470A	535684
240-170019-3	WC-GSP-S-071822	TCLP	Solid	7470A	535684
LB 240-535573/1-C	Method Blank	TCLP	Solid	7470A	535684
MB 240-535684/2-A	Method Blank	Total/NA	Solid	7470A	535684

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Metals (Continued)

Analysis Batch: 535898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-535684/3-A	Lab Control Sample	Total/NA	Solid	7470A	535684

General Chemistry

Analysis Batch: 535325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	Moisture	

Analysis Batch: 537059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-170019-2	WC-GSP-W-071822	Total/NA	Water	1010A	
240-170019-3	WC-GSP-S-071822	Total/NA	Solid	1010A	
LCS 240-537059/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Client Sample ID: TB-071822

Lab Sample ID: 240-170019-1

Date Collected: 07/18/22 00:00

Matrix: Water

Date Received: 07/19/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535640	07/21/22 14:18	HMB	TAL CAN

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Date Collected: 07/18/22 11:10

Matrix: Water

Date Received: 07/19/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535640	07/21/22 14:42	HMB	TAL CAN
Total/NA	Prep	3510C			536374	07/27/22 09:14	MDH	TAL CAN
Total/NA	Analysis	8082A		1	536712	07/29/22 09:46	KMG	TAL CAN
Total/NA	Prep	537 IDA			279843	07/27/22 07:13	M4QQ	ELLE
Total/NA	Analysis	537 IDA		1	281284	08/02/22 02:46	VK3G	ELLE
TCLP	Leach	1311			535573	07/20/22 16:50	DRJ	TAL CAN
TCLP	Prep	3010A			535682	07/21/22 12:00	SHB	TAL CAN
TCLP	Analysis	6010C		1	535859	07/22/22 19:11	RKT	TAL CAN
TCLP	Leach	1311			535573	07/20/22 16:50	DRJ	TAL CAN
TCLP	Prep	7470A			535684	07/21/22 12:00	SHB	TAL CAN
TCLP	Analysis	7470A		1	535898	07/22/22 15:12	DSH	TAL CAN
Total/NA	Analysis	1010A		1	537059	08/01/22 09:01	JMR	TAL CAN

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			535573	07/20/22 16:50	DRJ	TAL CAN
TCLP	Prep	3010A			535682	07/21/22 12:00	SHB	TAL CAN
TCLP	Analysis	6010C		1	535859	07/22/22 19:16	RKT	TAL CAN
TCLP	Leach	1311			535573	07/20/22 16:50	DRJ	TAL CAN
TCLP	Prep	7470A			535684	07/21/22 12:00	SHB	TAL CAN
TCLP	Analysis	7470A		1	535898	07/22/22 15:18	DSH	TAL CAN
Total/NA	Analysis	1010A		1	537059	08/01/22 15:18	JMR	TAL CAN
Total/NA	Analysis	Moisture		1	535325	07/19/22 14:51	MMS	TAL CAN

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Date Collected: 07/18/22 11:00

Matrix: Solid

Date Received: 07/19/22 10:10

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			536685	07/28/22 22:32	CS	TAL CAN
Total/NA	Analysis	8260C		1	536683	07/28/22 23:19	CS	TAL CAN
Total/NA	Prep	3550B			536979	08/01/22 10:18	TEC	TAL CAN
Total/NA	Analysis	8082A		1	537164	08/02/22 12:10	BPM	TAL CAN

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Laboratory: Eurofins Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-23
Georgia	State	4062	02-27-23
Illinois	NELAP	200004	07-31-23
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-23
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-0660	08-10-22
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-22 *
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-02-22 *
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	06-30-23
Michigan	State	9930	01-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	042-999-487	12-31-22
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-22
Oregon	NELAP	PA200001	09-11-22
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-21-40	08-31-22
Vermont	State	VT - 36037	10-28-22
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

Method Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
6010C	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
1010A	Ignitability, Pinsky-Martens Closed-Cup Method	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
1311	TCLP Extraction	SW846	TAL CAN
3010A	Preparation, Total Metals	SW846	TAL CAN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CAN
3550B	Ultrasonic Extraction	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7470A	Preparation, Mercury	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: GSP TCE Characterization

Job ID: 240-170019-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-170019-1	TB-071822	Water	07/18/22 00:00	07/19/22 10:10
240-170019-2	WC-GSP-W-071822	Water	07/18/22 11:10	07/19/22 10:10
240-170019-3	WC-GSP-S-071822	Solid	07/18/22 11:00	07/19/22 10:10

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Analysis Batch Number: 530870Lab Sample ID: IC 240-530870/5 Client Sample ID: _____Date Analyzed: 06/15/22 20:49 Lab File ID: 193226.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:01

Lab Sample ID: IC 240-530870/7 Client Sample ID: _____Date Analyzed: 06/15/22 21:40 Lab File ID: 193228.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:02

Lab Sample ID: IC 240-530870/8 Client Sample ID: _____Date Analyzed: 06/15/22 22:06 Lab File ID: 193229.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:28

Lab Sample ID: IC 240-530870/9 Client Sample ID: _____Date Analyzed: 06/15/22 22:32 Lab File ID: 193230.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:28

Lab Sample ID: IC 240-530870/10 Client Sample ID: _____Date Analyzed: 06/15/22 22:57 Lab File ID: 193231.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:10
Dichlorofluoromethane	2.10	Poor chromatography	seymourc	06/16/22 18:16
Trichlorofluoromethane	2.16	Poor chromatography	seymourc	06/16/22 18:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Analysis Batch Number: 530870Lab Sample ID: IC 240-530870/11 Client Sample ID: _____Date Analyzed: 06/15/22 23:22 Lab File ID: 193232.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:10
Dichlorofluoromethane	2.11	Poor chromatography	seymourc	06/16/22 18:15
Trichlorofluoromethane	2.16	Poor chromatography	seymourc	06/16/22 18:14

Lab Sample ID: IC 240-530870/12 Client Sample ID: _____Date Analyzed: 06/15/22 23:48 Lab File ID: 193233.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.80	Poor chromatography	seymourc	06/16/22 18:11
Dichlorofluoromethane	2.11	Poor chromatography	seymourc	06/16/22 18:12
Trichlorofluoromethane	2.16	Poor chromatography	seymourc	06/16/22 18:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Analysis Batch Number: 531795Lab Sample ID: IC 240-531795/3 Client Sample ID: _____Date Analyzed: 06/22/22 13:04 Lab File ID: 193284.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl acetate	4.52	Peak assignment corrected	KHO3	06/22/22 14:10

Lab Sample ID: IC 240-531795/4 Client Sample ID: _____Date Analyzed: 06/22/22 13:29 Lab File ID: 193285.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	2.88	Poor chromatography	KHO3	06/24/22 11:57
Methylene Chloride	3.33	Poor chromatography	KHO3	06/28/22 15:23

Lab Sample ID: IC 240-531795/5 Client Sample ID: _____Date Analyzed: 06/22/22 13:54 Lab File ID: 193286.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	3.32	Poor chromatography	KHO3	06/28/22 15:24

Lab Sample ID: IC 240-531795/6 Client Sample ID: _____Date Analyzed: 06/22/22 14:39 Lab File ID: 193287.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	2.87	Poor chromatography	KHO3	06/24/22 12:02
Methylene Chloride	3.32	Poor chromatography	KHO3	06/28/22 15:24

Lab Sample ID: IC 240-531795/7 Client Sample ID: _____Date Analyzed: 06/22/22 15:04 Lab File ID: 193288.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	3.32	Poor chromatography	KHO3	06/28/22 15:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Analysis Batch Number: 531795Lab Sample ID: ICIS 240-531795/8 Client Sample ID: _____Date Analyzed: 06/22/22 15:30 Lab File ID: 193289.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	2.86	Poor chromatography	KHO3	06/24/22 12:02
Methylene Chloride	3.33	Poor chromatography	KHO3	06/28/22 15:25

Lab Sample ID: IC 240-531795/9 Client Sample ID: _____Date Analyzed: 06/22/22 15:55 Lab File ID: 193290.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	2.86	Poor chromatography	KHO3	06/24/22 12:03
Methylene Chloride	3.32	Poor chromatography	KHO3	06/28/22 15:25

Lab Sample ID: IC 240-531795/10 Client Sample ID: _____Date Analyzed: 06/22/22 16:21 Lab File ID: 193291.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	3.33	Poor chromatography	KHO3	06/28/22 15:26

Lab Sample ID: IC 240-531795/11 Client Sample ID: _____Date Analyzed: 06/22/22 16:46 Lab File ID: 193292.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	3.32	Poor chromatography	KHO3	06/28/22 15:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Analysis Batch Number: 536683Lab Sample ID: CCVIS 240-536683/4 Client Sample ID: _____Date Analyzed: 07/28/22 21:24 Lab File ID: 193687.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.79	Poor chromatography	KHO3	07/28/22 22:02
Trichlorofluoromethane	2.15	Poor chromatography	KHO3	07/28/22 22:02
Iodomethane	2.87	Poor chromatography	KHO3	07/28/22 22:03

Lab Sample ID: LCS 240-536683/5 Client Sample ID: _____Date Analyzed: 07/28/22 21:49 Lab File ID: 193688.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.79	Poor chromatography	KHO3	07/28/22 22:10

Lab Sample ID: 240-170019-3 Client Sample ID: WC-GSP-S-071822Date Analyzed: 07/28/22 23:19 Lab File ID: 193691.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylbenzene		Invalid Compound ID	KHO3	07/29/22 00:04
1,3-Dichlorobenzene	11.12	Peak assignment corrected	KHO3	07/29/22 00:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX9 Analysis Batch Number: 520426

Lab Sample ID: STD8260 240-520426/8 IC Client Sample ID: _____

Date Analyzed: 03/21/22 16:23 Lab File ID: UX000684.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	2.97	Invalid Compound ID	bosworthh	03/22/22 09:15
Methylene Chloride		Invalid Compound ID	bosworthh	03/22/22 09:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX9 Analysis Batch Number: 535640Lab Sample ID: MB 240-535640/8 Client Sample ID: _____Date Analyzed: 07/21/22 13:04 Lab File ID: UX003552.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	TPC2	07/21/22 13:39

Lab Sample ID: 240-170019-1 Client Sample ID: TB-071822Date Analyzed: 07/21/22 14:18 Lab File ID: UX003555.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	TPC2	07/21/22 15:03

Lab Sample ID: 240-170019-2 Client Sample ID: WC-GSP-W-071822Date Analyzed: 07/21/22 14:42 Lab File ID: UX003556.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate		Invalid Compound ID	TPC2	07/21/22 15:04

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 536024

Lab Sample ID: STD01 240-536024/5 IC Client Sample ID: _____

Date Analyzed: 07/25/22 12:38 Lab File ID: P12072505.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 2	4.01	Baseline Smoothing	WRR8	07/26/22 08:16
PCB-1232 Peak 3	4.68	Baseline Smoothing	WRR8	07/26/22 08:16
PCB-1232 Peak 4	4.86	Baseline Smoothing	WRR8	07/26/22 08:16
PCB-1232 Peak 5	5.17	Baseline Smoothing	WRR8	07/26/22 08:16

Lab Sample ID: STD1 240-536024/8 IC Client Sample ID: _____

Date Analyzed: 07/25/22 13:26 Lab File ID: P12072508.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 2	4.01	Baseline Smoothing	WRR8	07/26/22 08:17
PCB-1232 Peak 3	4.68	Baseline Smoothing	WRR8	07/26/22 08:17
PCB-1232 Peak 4	4.86	Baseline Smoothing	WRR8	07/26/22 08:17
PCB-1232 Peak 5	5.17	Baseline Smoothing	WRR8	07/26/22 08:17

Lab Sample ID: STD1 240-536024/8 IC Client Sample ID: _____

Date Analyzed: 07/25/22 13:26 Lab File ID: P12072508.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	5.60	Baseline Smoothing	WRR8	07/26/22 08:17
PCB-1232 Peak 4	5.75	Baseline Smoothing	WRR8	07/26/22 08:17

Lab Sample ID: STD15 240-536024/9 IC Client Sample ID: _____

Date Analyzed: 07/25/22 13:41 Lab File ID: P12072509.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	5.60	Baseline Smoothing	WRR8	07/26/22 08:18
PCB-1232 Peak 4	5.75	Baseline Smoothing	WRR8	07/26/22 08:18

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 536024

Lab Sample ID: STD15 240-536024/15 IC Client Sample ID: _____

Date Analyzed: 07/25/22 15:17 Lab File ID: P12072515.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 2	4.02	Baseline Smoothing	WRR8	07/26/22 08:45
PCB-1242 Peak 3	4.68	Baseline Smoothing	WRR8	07/26/22 08:45
PCB-1242 Peak 4	4.86	Baseline Smoothing	WRR8	07/26/22 08:45
PCB-1242 Peak 5	5.17	Baseline Smoothing	WRR8	07/26/22 08:45

Lab Sample ID: STD005 240-536024/16 IC Client Sample ID: _____

Date Analyzed: 07/25/22 15:32 Lab File ID: P12072516.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248		Unspecified		
PCB-1248 Peak 1	4.01	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 2	4.67	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 3	5.36	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 4	6.06	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 5	6.45	Peak assignment corrected	WRR8	07/26/22 08:47

Lab Sample ID: STD005 240-536024/16 IC Client Sample ID: _____

Date Analyzed: 07/25/22 15:32 Lab File ID: P12072516.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248		Unspecified		
PCB-1248 Peak 1	5.04	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 2	5.60	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 3	6.38	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 4	6.69	Peak assignment corrected	WRR8	07/26/22 08:47
PCB-1248 Peak 5	7.30	Peak assignment corrected	WRR8	07/26/22 08:47

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 536024

Lab Sample ID: STD1 240-536024/20 IC Client Sample ID: _____

Date Analyzed: 07/25/22 16:36 Lab File ID: P12072520.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248 Peak 2	4.67	Split Peak	WRR8	07/26/22 09:34

Lab Sample ID: STD1 240-536024/26 IC Client Sample ID: _____

Date Analyzed: 07/25/22 18:11 Lab File ID: P12072526.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254		Unspecified		
PCB-1254 Peak 1	6.68	Baseline Smoothing	WRR8	07/26/22 09:37
PCB-1254 Peak 2	6.87	Baseline Smoothing	WRR8	07/26/22 09:37
PCB-1254 Peak 3	7.30	Baseline Smoothing	WRR8	07/26/22 09:37
PCB-1254 Peak 4	7.51	Baseline Smoothing	WRR8	07/26/22 09:37
PCB-1254 Peak 5	7.98	Baseline Smoothing	WRR8	07/26/22 09:37

Lab Sample ID: STD05 240-536024/31 ICI Client Sample ID: _____

Date Analyzed: 07/25/22 19:30 Lab File ID: P12072531.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260		Unspecified		
PCB-1260 Peak 1	6.63	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 2	6.90	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 3	7.15	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 4	7.76	Baseline Smoothing	WRR8	07/26/22 09:38

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 536024

Lab Sample ID: STD1 240-536024/32 IC Client Sample ID: _____

Date Analyzed: 07/25/22 19:46 Lab File ID: P12072532.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 3	5.60	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1016 Peak 4	5.75	Baseline Smoothing	WRR8	07/26/22 09:38

Lab Sample ID: STD15 240-536024/33 IC Client Sample ID: _____

Date Analyzed: 07/25/22 20:02 Lab File ID: P12072533.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260		Unspecified		
PCB-1016 Peak 5	5.17	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 1	6.63	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 2	6.90	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 3	7.15	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 4	7.75	Baseline Smoothing	WRR8	07/26/22 09:38
PCB-1260 Peak 5	8.00	Baseline Smoothing	WRR8	07/26/22 09:38

Lab Sample ID: ICV 240-536024/36 Client Sample ID: _____

Date Analyzed: 07/25/22 20:49 Lab File ID: P12072536.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	4.68	Baseline Smoothing	WRR8	07/26/22 09:40
PCB-1242 Peak 4	4.86	Baseline Smoothing	WRR8	07/26/22 09:40
PCB-1242 Peak 5	5.17	Baseline Smoothing	WRR8	07/26/22 09:40

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 536024

Lab Sample ID: ICV 240-536024/40 Client Sample ID: _____

Date Analyzed: 07/25/22 21:53 Lab File ID: P12072540.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1268 Peak 3	9.05	Split Peak	WRR8	07/26/22 09:52

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: CCV 240-537164/4 Client Sample ID: _____

Date Analyzed: 08/02/22 10:19 Lab File ID: P12080104.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	4.68	Baseline Smoothing	H7ME	08/02/22 11:31
PCB-1232 Peak 4	4.86	Baseline Smoothing	H7ME	08/02/22 11:31
PCB-1232 Peak 5	5.17	Baseline Smoothing	H7ME	08/02/22 11:31

Lab Sample ID: CCV 240-537164/5 Client Sample ID: _____

Date Analyzed: 08/02/22 10:35 Lab File ID: P12080105.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	4.68	Baseline Smoothing	H7ME	08/02/22 11:32
PCB-1242 Peak 4	4.85	Baseline Smoothing	H7ME	08/02/22 11:32
PCB-1242 Peak 5	5.16	Baseline Smoothing	H7ME	08/02/22 11:32

Lab Sample ID: LCS 240-536979/5-A Client Sample ID: _____

Date Analyzed: 08/02/22 11:54 Lab File ID: P12080110.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 3	4.68	Incomplete Integration	H7ME	08/02/22 12:47

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MS Client Sample ID: WC-GSP-S-071822 MS

Date Analyzed: 08/02/22 12:26 Lab File ID: P12080112.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
Aroclor-1248		Unspecified		
Aroclor-1254		Unspecified		
Aroclor-1262		Unspecified		
Aroclor-1268		Unspecified		
PCB-1016 Peak 3	4.68	Incomplete Integration	H7ME	08/02/22 12:49
PCB-1221 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1221 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1221 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MS Client Sample ID: WC-GSP-S-071822 MS

Date Analyzed: 08/02/22 12:26 Lab File ID: P12080112.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1262 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:48

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MS Client Sample ID: WC-GSP-S-071822 MS

Date Analyzed: 08/02/22 12:26 Lab File ID: P12080112.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
Aroclor-1248		Unspecified		
Aroclor-1254		Unspecified		
Aroclor-1262		Unspecified		
Aroclor-1268		Unspecified		
PCB-1221 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1221 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1221 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1232 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1242 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1248 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:47
PCB-1254 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:47

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MS Client Sample ID: WC-GSP-S-071822 MS

Date Analyzed: 08/02/22 12:26 Lab File ID: P12080112.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1262 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:48
PCB-1268 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:48

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MSD Client Sample ID: WC-GSP-S-071822 MSD

Date Analyzed: 08/02/22 12:41 Lab File ID: P12080113.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
Aroclor-1248		Unspecified		
Aroclor-1254		Unspecified		
Aroclor-1260		Unspecified		
Aroclor-1262		Unspecified		
Aroclor-1268		Unspecified		
PCB-1016 Peak 2	4.01	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1016 Peak 3	4.68	Incomplete Integration	H7ME	08/02/22 12:56
PCB-1016 Peak 4	4.86	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1016 Peak 5	5.17	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1260 Peak 1	6.63	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1260 Peak 2	6.90	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1260 Peak 3	7.15	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1260 Peak 4	7.75	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1260 Peak 5	7.99	Baseline Smoothing	H7ME	08/02/22 12:56
PCB-1221 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1221 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1221 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MSD Client Sample ID: WC-GSP-S-071822 MSD

Date Analyzed: 08/02/22 12:41 Lab File ID: P12080113.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MSD Client Sample ID: WC-GSP-S-071822 MSD

Date Analyzed: 08/02/22 12:41 Lab File ID: P12080113.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
Aroclor-1248		Unspecified		
Aroclor-1254		Unspecified		
Aroclor-1262		Unspecified		
Aroclor-1268		Unspecified		
PCB-1221 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1221 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1221 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1232 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1242 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1248 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1254 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Analysis Batch Number: 537164

Lab Sample ID: 240-170019-3 MSD Client Sample ID: WC-GSP-S-071822 MSD

Date Analyzed: 08/02/22 12:41 Lab File ID: P12080113.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1262 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 1		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 2		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 3		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 4		Invalid Compound ID	H7ME	08/02/22 12:56
PCB-1268 Peak 5		Invalid Compound ID	H7ME	08/02/22 12:56

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 529358

Lab Sample ID: STD01 240-529358/5 IC Client Sample ID: _____

Date Analyzed: 06/06/22 15:29 Lab File ID: P19060605.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:15
PCB-1232 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:15
PCB-1232 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:15

Lab Sample ID: STD02 240-529358/6 IC Client Sample ID: _____

Date Analyzed: 06/06/22 15:46 Lab File ID: P19060606.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:16

Lab Sample ID: STD1 240-529358/8 IC Client Sample ID: _____

Date Analyzed: 06/06/22 16:20 Lab File ID: P19060608.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262		Unspecified		
PCB-1262 Peak 1	7.02	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1262 Peak 2	7.29	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1262 Peak 3	7.65	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1262 Peak 4	8.15	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1262 Peak 5	8.43	Baseline Smoothing	hassl	06/07/22 09:16

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 529358

Lab Sample ID: STD1 240-529358/8 IC Client Sample ID: _____

Date Analyzed: 06/06/22 16:20 Lab File ID: P19060608.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	6.09	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:16

Lab Sample ID: STD15 240-529358/9 IC Client Sample ID: _____

Date Analyzed: 06/06/22 16:37 Lab File ID: P19060609.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:16
PCB-1232 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:16

Lab Sample ID: STD01 240-529358/11 IC Client Sample ID: _____

Date Analyzed: 06/06/22 17:10 Lab File ID: P19060611.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	6.08	Split Peak	hassl	06/07/22 09:18
PCB-1242 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:18
PCB-1242 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:18

Lab Sample ID: STD02 240-529358/12 IC Client Sample ID: _____

Date Analyzed: 06/06/22 17:27 Lab File ID: P19060612.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:18
PCB-1242 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:18
PCB-1242 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:18

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 529358

Lab Sample ID: STD05 240-529358/13 IC Client Sample ID: _____

Date Analyzed: 06/06/22 17:44 Lab File ID: P19060613.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:19
PCB-1242 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:19
PCB-1242 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:19

Lab Sample ID: STD005 240-529358/28 IC Client Sample ID: _____

Date Analyzed: 06/06/22 21:56 Lab File ID: P19060628.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260		Unspecified		
PCB-1260 Peak 1	7.01	Peak assignment corrected	hassl	06/07/22 09:55

Lab Sample ID: STD05 240-529358/31 ICI Client Sample ID: _____

Date Analyzed: 06/06/22 22:47 Lab File ID: P19060631.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 2	5.52	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1016 Peak 3	6.08	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1016 Peak 4	6.24	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1016 Peak 5	6.52	Baseline Smoothing	hassl	06/07/22 09:21

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 529358

Lab Sample ID: STD15 240-529358/33 IC Client Sample ID: _____

Date Analyzed: 06/06/22 23:20 Lab File ID: P19060633.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260		Unspecified		
PCB-1260 Peak 1	7.01	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1260 Peak 2	7.28	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1260 Peak 3	7.54	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1260 Peak 4	8.15	Baseline Smoothing	hassl	06/07/22 09:21
PCB-1260 Peak 5	8.39	Baseline Smoothing	hassl	06/07/22 09:21

Lab Sample ID: ICV 240-529358/40 Client Sample ID: _____

Date Analyzed: 06/07/22 01:18 Lab File ID: P19060640.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262		Unspecified		
PCB-1262 Peak 1	7.02	Baseline Smoothing	hassl	06/07/22 09:24
PCB-1262 Peak 2	7.29	Baseline Smoothing	hassl	06/07/22 09:24
PCB-1262 Peak 3	7.65	Baseline Smoothing	hassl	06/07/22 09:24
PCB-1262 Peak 4	8.15	Baseline Smoothing	hassl	06/07/22 09:24
PCB-1262 Peak 5	8.43	Baseline Smoothing	hassl	06/07/22 09:24

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 536712

Lab Sample ID: 240-170019-2 Client Sample ID: WC-GSP-W-071822

Date Analyzed: 07/29/22 09:46 Lab File ID: P19072912.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1016		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
PCB-1016 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Analysis Batch Number: 536712

Lab Sample ID: 240-170019-2 Client Sample ID: WC-GSP-W-071822

Date Analyzed: 07/29/22 09:46 Lab File ID: P19072912.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1016		Unspecified		
Aroclor-1232		Unspecified		
Aroclor-1242		Unspecified		
PCB-1016 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1016 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1232 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 1		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 2		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 3		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 4		Invalid Compound ID	L4LE	07/29/22 13:41
PCB-1242 Peak 5		Invalid Compound ID	L4LE	07/29/22 13:41

PFAS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laborator Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Analysis Batch Number: 280978

Lab Sample ID: IC 410-280978/1 Client Sample ID: _____

Date Analyzed: 07/31/22 15:24 Lab File ID: 22JUL31MCAL-22.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PPF Acid	1.86	Baseline	PY4D	07/31/22 16:45
Perfluorobutanoic acid	3.82	Baseline	PY4D	07/31/22 16:45
R-EVE	3.82	Split Peak	PY4D	07/31/22 16:45
Hydrolyzed PSDA	3.84	Split Peak	PY4D	07/31/22 16:46
3:3 FTCA	4.40	Baseline	PY4D	07/31/22 16:46
HFPODA	4.97	Split Peak	PY4D	07/31/22 16:46
Perfluorooctanesulfonic acid	5.93	Split Peak	PY4D	07/31/22 16:46

Lab Sample ID: IC 410-280978/2 Client Sample ID: _____

Date Analyzed: 07/31/22 15:35 Lab File ID: 22JUL31MCAL-23.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PPF Acid	1.86	Baseline	PY4D	07/31/22 16:48

Lab Sample ID: IC 410-280978/3 Client Sample ID: _____

Date Analyzed: 07/31/22 15:46 Lab File ID: 22JUL31MCAL-24.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PPF Acid	1.85	Baseline	PY4D	07/31/22 16:49

Lab Sample ID: WDM 410-280978/10 Client Sample ID: _____

Date Analyzed: 07/31/22 17:03 Lab File ID: 22JUL31MCAL-31.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid	5.59	Isomers	PY4D	07/31/22 17:26

PFAS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laborator Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Analysis Batch Number: 281284

Lab Sample ID: CCV 410-281284/80 Client Sample ID: _____

Date Analyzed: 08/02/22 01:50 Lab File ID: 22AUG01-80.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PPF Acid	1.82	Baseline	VK3G	08/02/22 06:22

Lab Sample ID: MB 410-279843/1-A Client Sample ID: _____

Date Analyzed: 08/02/22 02:01 Lab File ID: 22AUG01-81.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid	5.60	Baseline	VK3G	08/03/22 06:51

Lab Sample ID: 240-170019-2 Client Sample ID: WC-GSP-W-071822

Date Analyzed: 08/02/22 02:46 Lab File ID: 22AUG01-85.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid	4.45	Baseline	VK3G	08/03/22 07:01
Perfluorohexanoic acid	4.82	Baseline	VK3G	08/03/22 07:01
Perfluorohexanesulfonic acid	5.22	Baseline	VK3G	08/03/22 07:07
Perfluorooctanoic acid	5.59	Baseline	VK3G	08/03/22 07:08

Lab Sample ID: CCV 410-281284/105 Client Sample ID: _____

Date Analyzed: 08/02/22 04:36 Lab File ID: 22AUG01-95.d GC Column: Gemini C18 50 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PPF Acid	1.83	Baseline	VK3G	08/02/22 06:23

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ex10PPMSPK_00058	10/13/22	04/13/22	MEOH, Lot 21H317314	1000 mL	ex1016/1260st_00023	10 mL	Aroclor-1016	10 ug/mL
.ex1016/1260st_00023	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		Aroclor-1260	10 ug/mL
							Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
ex2/.2SURRW_00167	01/14/23	07/14/22	MEOH, Lot 0000273166	2000 mL	exPESTSURRstd_00032	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
.exPESTSURRstd_00032	03/31/28		Restek, Lot A0179404		(Purchased Reagent)		Tetrachloro-m-xylene	0.2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
EXpH(0-14)_00041	09/24/24		Merck, Lot HC157843		(Purchased Reagent)		pH at time of analysis	1 No Unit
EXTCLPBUFF1_02953	07/20/22	07/20/22	DIWATER, Lot 07202022	48 L	EXTCLP5MNAOH_00057	751.49 g	Sodium Hydroxide	0.313121 %
.EXTCLP5MNAOH_00057	06/01/25	03/15/22	DIWATER, Lot Tap DI	3 L	EXTCLPACETIC_00033	273.6 mL	Acetic acid	0.57 %
.EXTCLPNAOH_00048	06/01/25		Fisher, Lot 207853		(Purchased Reagent)		Sodium Hydroxide	200 mol/L
.EXTCLPACETIC_00033	07/05/24		Fisher, Lot 220648		(Purchased Reagent)		Sodium Hydroxide	1 g/g
							Acetic acid	1 g/g
EXTCLPFILTERS_00067	09/27/24		Whatman, Lot 17313582		(Purchased Reagent)		Prep Analyte	100 Filter
EXTCLPHClW_00078	03/31/23		Ricca, Lot 1104C35		(Purchased Reagent)		Hydrogen Chloride	1 N
EXTCLPPlastic_00027	07/22/27		Qorpak, Lot 20506		(Purchased Reagent)		Prep Analyte	100 NONE
ICPCCV_00080	11/24/22	06/28/22	DIWATER, Lot DIWATER	2000 mL	MTAG_00020	2 mL	Silver	1000 ug/L
					MTICP/ICPMS_00040	40 mL	Arsenic	2000 ug/L
							Barium	2000 ug/L
							Cadmium	2000 ug/L
							Chromium	2000 ug/L
							Lead	2000 ug/L
							Selenium	2000 ug/L
.MTAG_00020	03/30/23		CPI, Lot 1106123-34		(Purchased Reagent)		Silver	1000 ug/mL
.MTICP/ICPMS_00040	11/24/22		CPI, Lot 1134924-1		(Purchased Reagent)		Arsenic	100 mg/L
							Barium	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Lead	100 mg/L
							Selenium	100 mg/L
ICPICSAB_00015	11/16/22	05/16/22	DIWATER, Lot DIWATER	1000 mL	ICPICSA_00008	100 mL	Al	500 mg/L
							Ca	500 mg/L
							Fe	200 mg/L
							Mg	500 mg/L
					ICPICSABsol1_00003	10 mL	Mo	1 mg/L
							Sb	1 mg/L
							Si	10 mg/L
							Sn	1 mg/L
							Ti	1 mg/L
					ICPICSABsol2_00003	10 mL	Arsenic	1 mg/L
							B	10 mg/L
							Barium	1 mg/L
							Be	0.5 mg/L
							Cadmium	1 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chromium	1 mg/L
							Co	1 mg/L
							Cu	1 mg/L
							K	10 mg/L
							Lead	1 mg/L
							Mn	1 mg/L
							Na	10 mg/L
							Ni	1 mg/L
							Selenium	1 mg/L
							Silver	1 mg/L
							Sr	1 mg/L
							Tl	1 mg/L
							V	1 mg/L
							Zn	1 mg/L
					MTLI 00015	0.5 mL	Li	0.5 mg/L
.ICPICSA_00008	01/22/23		CPI, Lot 1121422-1		(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
.ICPICSABsol1_00003	10/27/23		CPI, Lot 1242348-1		(Purchased Reagent)		Mo	100 mg/L
							Sb	100 mg/L
							Si	1000 mg/L
							Sn	100 mg/L
							Ti	100 mg/L
.ICPICSABsol2_00003	10/27/23		CPI, Lot 1133580-1		(Purchased Reagent)		Arsenic	100 mg/L
							B	1000 mg/L
							Barium	100 mg/L
							Be	50 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Co	100 mg/L
							Cu	100 mg/L
							K	1000 mg/L
							Lead	100 mg/L
							Mn	100 mg/L
							Na	1000 mg/L
							Ni	100 mg/L
							Selenium	100 mg/L
							Silver	100 mg/L
							Sr	100 mg/L
							Tl	100 mg/L
							V	100 mg/L
							Zn	100 mg/L
.MTLI_00015	02/03/23		CPI, Lot 1094768-65		(Purchased Reagent)		Li	1000 ug/mL
ICPICV_00035	09/25/22	07/13/22	DIWATER, Lot DIWATER	1000 mL	MTAG 00022	1 mL	Silver	1000 ug/L
					MTICP/ICPMS_00036	20 mL	Arsenic	2000 ug/L
							Barium	2000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cadmium	2000 ug/L
							Chromium	2000 ug/L
							Lead	2000 ug/L
							Selenium	2000 ug/L
.MTAG 00022	12/29/23		CPI, Lot 711604525-1			(Purchased Reagent)	Silver	1000 ug/mL
.MTICP/ICPMS_00036	03/17/23		CPI, Lot 1128717-1			(Purchased Reagent)	Arsenic	100 mg/L
							Barium	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Lead	100 mg/L
							Selenium	100 mg/L
ICPspike3_00032	12/29/22	06/29/22	DIWATER, Lot DIWATER	500 mL	B 10000PPM 00003	5 mL	B	100000 ug/L
					MTAG 00020	5 mL	Silver	10000 ug/L
					MTTMHNO3 00282	25 mL	Nitric acid	50000000 ug/L
					MTZN 00007	5 mL	Zn	100000 ug/L
					SB 10000PPM 00004	5 mL	Sb	100000 ug/L
.B 10000PPM 00003	09/09/23		CPI, Lot 1121434-30			(Purchased Reagent)	B	10000 ug/mL
.MTAG 00020	03/30/23		CPI, Lot 1106123-34			(Purchased Reagent)	Silver	1000 ug/mL
.MTTMHNO3 00282	06/21/24		Fisher, Lot 214002			(Purchased Reagent)	Nitric acid	100 %
.MTZN 00007	04/28/23		CPI, Lot 1149838			(Purchased Reagent)	Zn	10000 mg/L
.SB 10000PPM 00004	09/30/23		CPI, Lot 1162568-5			(Purchased Reagent)	Sb	10000 ug/mL
K2S2O8 00145	07/07/24	07/07/22	DIWATER, Lot DIWATER	2.5 L	MTK2S208_00072	125 g	Potassium persulfate	0.05 g/g
.MTK2S208 00072	11/17/26		fisher, Lot 206028			(Purchased Reagent)	Potassium persulfate	1 g/g
MT1to1HCL 00126	11/02/23	11/08/21	DIWATER, Lot DIWATER	2500 mL	MTTMHCL 00345	1250 mL	Hydrogen Chloride	0.5 mL/mL
.MTTMHCL 00345	11/02/23		JT Baker(Avantor), Lot 0000285454			(Purchased Reagent)	Hydrogen Chloride	100 %
MTH2S04 00106	07/08/24		Macron, Lot 0000276386			(Purchased Reagent)	Sulfuric acid	100 %
MTHGCALW_02938	07/21/22	07/21/22	DIWATER, Lot DIWATER	200 mL	MTHGCAL_00041	2 mL	Mercury	100 ug/L
					MTTMHNO3 00284	0.3 mL	Nitric acid	1500000 ug/L
.MTHGCAL 00041	04/30/23		High Purity Standards, Lot 2209122-500			(Purchased Reagent)	Mercury	10 ug/mL
.MTTMHNO3 00284	07/08/24		macron, Lot 21K1262004			(Purchased Reagent)	Nitric acid	100 %
MTHGCALW_02939	07/22/22	07/22/22	DIWATER, Lot DIWATER	200 mL	MTHGCAL 00041	2 mL	Mercury	100 ug/L
					MTTMHNO3 00284	0.3 mL	Nitric acid	1500000 ug/L
.MTHGCAL 00041	04/30/23		High Purity Standards, Lot 2209122-500			(Purchased Reagent)	Mercury	10 ug/mL
.MTTMHNO3 00284	07/08/24		macron, Lot 21K1262004			(Purchased Reagent)	Nitric acid	100 %
MTHgICV_00001_00927	07/22/22	07/22/22	DIWATER, Lot DIWATER	100 mL	Hg-ICV 00011	1 mL	Mercury	0.1 ug/mL
					MTTMHNO3 00284	0.15 mL	Nitric acid	1500 ug/mL
.Hg-ICV 00011	03/21/23		Elemental Scientific, Lot 2204716-100			(Purchased Reagent)	Mercury	10 ug/mL
.MTTMHNO3 00284	07/08/24		macron, Lot 21K1262004			(Purchased Reagent)	Nitric acid	100 %
MTKMN04W 00292	07/19/24	07/19/22	DIWATER, Lot DIWATER	2.5 L	MTKMN04 00074	125 g	Potassium Permanganate	50000 mg/L
.MTKMN04 00074	02/23/27		Fisher, Lot 212807			(Purchased Reagent)	Potassium Permanganate	1 g/g
MTTMHNO3 00284	07/08/24		macron, Lot 21K1262004			(Purchased Reagent)	Nitric acid	100 %
MTTRCRIC_00107	09/09/22	06/21/22	DIWATER, Lot DIWATER	1000 mL	ICP ICVL/CCVL_00004	50 mL	Arsenic	15 ug/L
							Barium	200 ug/L
							Cadmium	5 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chromium	10 ug/L
							Lead	10 ug/L
							Selenium	20 ug/L
							Silver	10 ug/L
.ICP ICVL/CCVL_00004	09/09/22		CPI, Lot 10098189-4		(Purchased Reagent)		Arsenic	300 ug/L
							Barium	4000 ug/L
							Cadmium	100 ug/L
							Chromium	200 ug/L
							Lead	200 ug/L
							Selenium	400 ug/L
							Silver	200 ug/L
MTRICSAW_00059	09/30/22	03/30/22	DIWATER, Lot DIWATER	1000 mL	ICPICSA_00006	40 mL	Al	500000 ug/L
							Ca	500000 ug/L
							Fe	200000 ug/L
							Mg	500000 ug/L
					ICPICSA_00007	60 mL	Al	500000 ug/L
							Ca	500000 ug/L
							Fe	200000 ug/L
							Mg	500000 ug/L
.ICPICSA_00006	10/07/22		CPI, Lot 1121422-1		(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
.ICPICSA_00007	10/07/22		CPI, Lot 1102642-1		(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
SG1221ICV@.5_00009	07/28/22	02/07/22	hexane, Lot 5341787	10 mL	SGPCBIS STOCk_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1221ICV@.5_00009	07/28/22	02/07/22	hexane, Lot 5341787	10 mL	SG1221ICV@100_00013	0.05 mL	Aroclor-1221	0.5 ug/mL
.SG1221ICV@100_00013	08/04/22	08/04/21	HEXANE, Lot 5341787	10 mL	SG 1221 ICV 00017	1 mL	Aroclor-1221	100 ug/mL
..SG 1221 ICV 00017	09/30/23		restek, Lot a0128546		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
SG1221ICV@.5_00010	12/01/22	06/01/22	hexane, Lot 5341787	10 mL	SGPCBIS STOCk_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1221ICV@.5_00010	12/01/22	06/01/22	hexane, Lot 5341787	10 mL	SG1221ICV@100_00014	0.05 mL	Aroclor-1221	0.5 ug/mL
.SG1221ICV@100_00014	06/01/23	06/01/22	HEXANE, Lot 5341787	10 mL	SG 1221 ICV 00017	1 mL	Aroclor-1221	100 ug/mL
..SG 1221 ICV 00017	09/30/23		restek, Lot a0128546		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
SG1232ICV@.5_00008	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCk_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1232ICV@.5_00008	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SG1232ICV@100_00012	0.05 mL	Aroclor-1232	0.5 ug/mL
.SG1232ICV@100_00012	02/07/23	02/07/22	HEXANE, Lot 5341787	10 mL	SG 1232 ICV 00013	1 mL	Aroclor-1232	100 ug/mL
..SG 1232 ICV 00013	03/31/26		agilent, Lot CS-0560		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
SG1232ICV@.5_00009	07/28/22	06/01/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCk_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1232ICV@.5 00009	07/28/22	06/01/22	HEXANE, Lot 5341787	10 mL	SG1232ICV@100 00012	0.05 mL	Aroclor-1232	0.5 ug/mL
.SG1232ICV@100 00012	02/07/23	02/07/22	HEXANE, Lot 5341787	10 mL	SG 1232 ICV_00013	1 mL	Aroclor-1232	100 ug/mL
..SG 1232 ICV_00013	03/31/26		agilent, Lot CS-0560		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
SG1242ICV@.5 00008	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK 00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1242ICV@.5 00008	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SG1242ICV@100 00014	0.05 mL	Aroclor-1242	0.5 ug/mL
.SG1242ICV@100 00014	02/07/23	02/07/22	HEXANE, Lot 5341787	10 mL	SG 1242 ICV_00012	1 mL	Aroclor-1242	100 ug/mL
..SG 1242 ICV_00012	07/31/25		ULTRA SCIENTIFIC, Lot CR-2838		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
SG1242ICV@.5 00009	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK 00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1242ICV@.5 00009	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SG1242ICV@100 00014	0.05 mL	Aroclor-1242	0.5 ug/mL
.SG1242ICV@100 00014	02/07/23	02/07/22	HEXANE, Lot 5341787	10 mL	SG 1242 ICV_00012	1 mL	Aroclor-1242	100 ug/mL
..SG 1242 ICV_00012	07/31/25		ULTRA SCIENTIFIC, Lot CR-2838		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
SG1248@.05ppm_00033	07/28/22	02/08/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00017	0.25 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@.05ppm_00034	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00019	0.25 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
					SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00037	07/28/22	02/08/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00017	0.5 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCK_00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00038	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00019	0.5 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCK_00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00032	07/28/22	02/08/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00017	1 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00033	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00019	1 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00056	07/28/22	02/08/22	HEXANE, Lot 5341787	100 mL	SG1248@10ppm_00017	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00019	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	PCB-1248 Peak 5	1000 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	10 ug/mL
SG1248@0.5ppm_00058	12/22/22	06/22/22	HEXANE, Lot 5341787	100 mL	SG1248@10ppm_00019	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCK_00020	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00058	12/22/22	06/22/22	HEXANE, Lot 5341787	100 mL	SG1248@10ppm_00019	5 mL	Aroclor-1248	0.5 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	Aroclor-1248	10 ug/mL
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		Aroclor-1248	1000 ug/mL
SG1248@1.0ppm_00042	07/28/22	02/08/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00017	5 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
					SGPCBIS STOCK_00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@1.0ppm_00044	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00019	5 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1248_00013	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
PCB-1248 Peak 5	10 ug/mL							
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
					PCB-1248 Peak 2	1000 ug/mL		
					PCB-1248 Peak 3	1000 ug/mL		
					PCB-1248 Peak 4	1000 ug/mL		
					PCB-1248 Peak 5	1000 ug/mL		
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@1.5ppm_00012	07/28/22	02/08/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00017	7.5 mL	PCB-1248 Peak 1	1.5 ug/mL
							PCB-1248 Peak 2	1.5 ug/mL
							PCB-1248 Peak 3	1.5 ug/mL
							PCB-1248 Peak 4	1.5 ug/mL
							PCB-1248 Peak 5	1.5 ug/mL
.SG1248@10ppm_00017	08/05/22	08/05/21	Hexane, Lot 5341787	100 mL	SG1248_00010	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00010	05/31/23		Restek, Lot A0125373		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@1.5ppm_00013	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG1248@10ppm_00019	7.5 mL	PCB-1248 Peak 1	1.5 ug/mL
							PCB-1248 Peak 2	1.5 ug/mL
							PCB-1248 Peak 3	1.5 ug/mL
							PCB-1248 Peak 4	1.5 ug/mL
							PCB-1248 Peak 5	1.5 ug/mL
.SG1248@10ppm_00019	06/22/23	06/22/22	Hexane, Lot 5341787	100 mL	SG1248_00013	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
							PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
PCB-1248 Peak 5	10 ug/mL							
..SG1248_00013	10/31/27		Restek, Lot A0174295		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
					PCB-1248 Peak 2	1000 ug/mL		
					PCB-1248 Peak 3	1000 ug/mL		
					PCB-1248 Peak 4	1000 ug/mL		
					PCB-1248 Peak 5	1000 ug/mL		

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248ICV@.5_00010	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248ICV@.5_00010	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SG1248ICV@100_00015	0.05 mL	Aroclor-1248	0.5 ug/mL
.SG1248ICV@100_00015	06/01/23	06/01/22	HEXANE, Lot 5341787	10 mL	SG 1248 ICV 00015	1 mL	Aroclor-1248	100 ug/mL
..SG 1248 ICV 00015	05/31/27		restek, Lot a0168748		(Purchased Reagent)		Aroclor-1248	1000 ug/mL
SG1262ICV@.5_00012	07/28/22	04/21/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1262ICV@.5_00012	07/28/22	04/21/22	HEXANE, Lot 5341787	10 mL	SG1262ICV@100_00014	0.05 mL	Aroclor-1262	0.5 ug/mL
.SG1262ICV@100_00014	04/21/23	04/21/22	HEXANE, Lot 5118437	10 mL	SG 1262 ICV 00014	1 mL	Aroclor-1262	100 ug/mL
..SG 1262 ICV 00014	06/30/26		ULTRA SCIENTIFIC, Lot 0006623402		(Purchased Reagent)		Aroclor-1262	1000 ug/mL
SG1262ICV@.5_00013	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1262ICV@.5_00013	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SG1262ICV@100_00014	0.05 mL	Aroclor-1262	0.5 ug/mL
.SG1262ICV@100_00014	04/21/23	04/21/22	HEXANE, Lot 5118437	10 mL	SG 1262 ICV 00014	1 mL	Aroclor-1262	100 ug/mL
..SG 1262 ICV 00014	06/30/26		ULTRA SCIENTIFIC, Lot 0006623402		(Purchased Reagent)		Aroclor-1262	1000 ug/mL
SG1268ICV@0.5_00014	07/28/22	02/28/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1268ICV@0.5_00014	07/28/22	02/28/22	HEXANE, Lot 5341787	10 mL	SG1268ICV@100_00019	0.05 mL	Aroclor-1268	0.5 ug/mL
.SG1268ICV@100_00019	02/28/23	02/28/22	HEXANE, Lot 5341787	10 mL	SG 1268 ICV 00017	1 mL	Aroclor-1268	100 ug/mL
..SG 1268 ICV 00017	09/30/25		AgilentSCIENTIFIC, Lot 0006625142		(Purchased Reagent)		Aroclor-1268	1000 ug/mL
SG1268ICV@0.5_00015	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1268ICV@0.5_00015	12/01/22	06/01/22	HEXANE, Lot 5341787	10 mL	SG1268ICV@100_00019	0.05 mL	Aroclor-1268	0.5 ug/mL
.SG1268ICV@100_00019	02/28/23	02/28/22	HEXANE, Lot 5341787	10 mL	SG 1268 ICV 00017	1 mL	Aroclor-1268	100 ug/mL
..SG 1268 ICV 00017	09/30/25		AgilentSCIENTIFIC, Lot 0006625142		(Purchased Reagent)		Aroclor-1268	1000 ug/mL
SG1660@.05PPM_00045	07/28/22	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCBIS STOCK_00019	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@.05PPM_00047	12/24/22	06/24/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCBIS STOCK_00020	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1260 Peak 5	10 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
..SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
..SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00036	07/28/22	03/16/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	1 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCBIS STOCK_00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.25 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00037	12/24/22	06/24/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	1 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCBIS STOCK_00020	250 uL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.25 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration	
					Reagent ID	Volume Added			
							Tetrachloro-m-xylene	200 ug/mL	
SG1660@0.5PPM_00115	11/13/22	05/13/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	5 mL	PCB-1016 Peak 1	0.5 ug/mL	
							PCB-1016 Peak 2	0.5 ug/mL	
							PCB-1016 Peak 3	0.5 ug/mL	
							PCB-1016 Peak 4	0.5 ug/mL	
							PCB-1016 Peak 5	0.5 ug/mL	
							PCB-1260 Peak 1	0.5 ug/mL	
							PCB-1260 Peak 2	0.5 ug/mL	
							PCB-1260 Peak 3	0.5 ug/mL	
							PCB-1260 Peak 4	0.5 ug/mL	
							PCB-1260 Peak 5	0.5 ug/mL	
					SGPCBIS STOCK_00020	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL	
					SGPCGSURRSTK_00014	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL	
							Tetrachloro-m-xylene	0.025 ug/mL	
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL	
							PCB-1016 Peak 2	10 ug/mL	
							PCB-1016 Peak 3	10 ug/mL	
							PCB-1016 Peak 4	10 ug/mL	
							PCB-1016 Peak 5	10 ug/mL	
							PCB-1260 Peak 1	10 ug/mL	
							PCB-1260 Peak 2	10 ug/mL	
							PCB-1260 Peak 3	10 ug/mL	
							PCB-1260 Peak 4	10 ug/mL	
							PCB-1260 Peak 5	10 ug/mL	
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458				(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
								PCB-1016 Peak 2	1000 ug/mL
								PCB-1016 Peak 3	1000 ug/mL
								PCB-1016 Peak 4	1000 ug/mL
								PCB-1016 Peak 5	1000 ug/mL
								PCB-1260 Peak 1	1000 ug/mL
								PCB-1260 Peak 2	1000 ug/mL
								PCB-1260 Peak 3	1000 ug/mL
								PCB-1260 Peak 4	1000 ug/mL
								PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL	
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL	
							Tetrachloro-m-xylene	2 ug/mL	
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL	
							Tetrachloro-m-xylene	200 ug/mL	
SG1660@0.5PPM_00115	11/13/22	05/13/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	5 mL	Aroclor-1016	0.5 ug/mL	
							Aroclor-1260	0.5 ug/mL	
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	Aroclor-1016	10 ug/mL	
							Aroclor-1260	10 ug/mL	
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		Aroclor-1016	1000 ug/mL	
							Aroclor-1260	1000 ug/mL	
SG1660@0.5PPM_00116	12/24/22	06/24/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	5 mL	PCB-1016 Peak 1	0.5 ug/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00020	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127			(Purchased Reagent)	DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00116	12/24/22	06/24/22	HEXANE, Lot 5341787	100 mL	SG1016/1260_00030	5 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458			(Purchased Reagent)	Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660@1.0PPM_00049	07/28/22	03/16/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	5 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCBIS STOCK_00019	250 uL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	1.25 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127			(Purchased Reagent)	DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.0PPM_00050	12/24/22	06/24/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	5 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCBIS STOCK_00020	250 uL	1-Bromo-2-nitrobenzene	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPCGSURRSTK_00014	1.25 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.5PPM_00017	07/28/22	04/01/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	7.5 mL	PCB-1016 Peak 1	1.5 ug/mL
							PCB-1016 Peak 2	1.5 ug/mL
							PCB-1016 Peak 3	1.5 ug/mL
							PCB-1016 Peak 4	1.5 ug/mL
							PCB-1016 Peak 5	1.5 ug/mL
							PCB-1260 Peak 1	1.5 ug/mL
							PCB-1260 Peak 2	1.5 ug/mL
							PCB-1260 Peak 3	1.5 ug/mL
							PCB-1260 Peak 4	1.5 ug/mL
							PCB-1260 Peak 5	1.5 ug/mL
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	2 mL	DCB Decachlorobiphenyl	0.08 ug/mL
							Tetrachloro-m-xylene	0.08 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SGI016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.5PPM_00018	12/24/22	06/24/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	7.5 mL	PCB-1016 Peak 1	1.5 ug/mL
							PCB-1016 Peak 2	1.5 ug/mL
							PCB-1016 Peak 3	1.5 ug/mL
							PCB-1016 Peak 4	1.5 ug/mL
							PCB-1016 Peak 5	1.5 ug/mL
							PCB-1260 Peak 1	1.5 ug/mL
							PCB-1260 Peak 2	1.5 ug/mL
							PCB-1260 Peak 3	1.5 ug/mL
							PCB-1260 Peak 4	1.5 ug/mL
							PCB-1260 Peak 5	1.5 ug/mL
					SGPCBIS STOCK 00020	250 uL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	2 mL	DCB Decachlorobiphenyl	0.08 ug/mL
							Tetrachloro-m-xylene	0.08 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SGI016/1260MX_00015	09/30/26		Restek, Lot A0161458		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660ICV@.5_00016	07/28/22	03/22/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@.5_00016	07/28/22	03/22/22	HEXANE, Lot 5341787	10 mL	SG1660ICV@100_00025	0.05 mL	Aroclor-1016	0.5 ug/mL
.SG1660ICV@100_00025	03/22/23	03/22/22	HEXANE, Lot 5341787	10 mL	SG 1660 ICV_00022	1 mL	Aroclor-1260	0.5 ug/mL
..SG 1660 ICV_00022	04/30/27		restek, Lot a0167874		(Purchased Reagent)		Aroclor-1016	100 ug/mL
							Aroclor-1260	100 ug/mL
							Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660ICV@.5_00018	01/12/23	07/12/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCK_00020	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@.5_00018	01/12/23	07/12/22	HEXANE, Lot 5341787	10 mL	SG1660ICV@100_00026	0.05 mL	Aroclor-1016	0.5 ug/mL
.SG1660ICV@100_00026	07/12/23	07/12/22	HEXANE, Lot 5341787	10 mL	SG 1660 ICV_00021	1 mL	Aroclor-1260	0.5 ug/mL
..SG 1660 ICV_00021	06/30/26		restek, Lot a0159083		(Purchased Reagent)		Aroclor-1016	100 ug/mL
							Aroclor-1260	100 ug/mL
							Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660STD@0.1_00033	07/28/22	03/16/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	0.5 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCK_00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.125 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127			(Purchased Reagent)	DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00034	12/24/22	06/24/22	HEXANE, Lot 5341787	50 mL	SG1016/1260_00030	0.5 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCK 00020	250 uL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00014	0.125 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00030	03/16/23	03/16/22	HEXANE, Lot 5341787	100 mL	SG1016/1260MX_00015	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00015	09/30/26		Restek, Lot A0161458			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00014	02/15/23	02/15/22	HEXANE, Lot 5118437	100 mL	SGPESTSURR_00013	1 mL	DCB Decachlorobiphenyl	2 ug/mL
..SGPESTSURR_00013	01/26/26		Restek, Lot A0154127		(Purchased Reagent)		Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00028	07/28/22	02/09/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00018	0.25 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00008	03/31/25		restek, Lot a0115555		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.05PP_00029	12/23/22	06/23/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00021	0.25 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SGPCBIS STOCK 00020	0.25 mL	PCB-1254 Peak 4	0.05 ug/mL		
							PCB-1254 Peak 5	0.05 ug/mL		
							1-Bromo-2-nitrobenzene	0.05 ug/mL		
							SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2		10 ug/mL	
							PCB-1221 Peak 3		10 ug/mL	
							PCB-1254 Peak 1		10 ug/mL	
							PCB-1254 Peak 2		10 ug/mL	
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL	
							PCB-1221 Peak 2	1000 ug/mL		
							PCB-1221 Peak 3	1000 ug/mL		
							PCB-1254 Peak 1	1000 ug/mL		
							PCB-1254 Peak 2	1000 ug/mL		
							PCB-1254 Peak 3	1000 ug/mL		
							PCB-1254 Peak 4	1000 ug/mL		
							PCB-1254 Peak 5	1000 ug/mL		
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL		
..ISTD 00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL	
SG2154@0.2PPM_00030	07/28/22	02/16/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00018	1 mL	PCB-1221 Peak 1	0.2 ug/mL		
							PCB-1221 Peak 2	0.2 ug/mL		
							PCB-1221 Peak 3	0.2 ug/mL		
							PCB-1254 Peak 1	0.2 ug/mL		
							PCB-1254 Peak 2	0.2 ug/mL		
							PCB-1254 Peak 3	0.2 ug/mL		
							PCB-1254 Peak 4	0.2 ug/mL		
							PCB-1254 Peak 5	0.2 ug/mL		
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL		
							PCB-1221 Peak 1	10 ug/mL		
							PCB-1221 Peak 2	10 ug/mL		
							PCB-1221 Peak 3	10 ug/mL		
							PCB-1254 Peak 1	10 ug/mL		
							PCB-1254 Peak 2	10 ug/mL		
							PCB-1254 Peak 3	10 ug/mL		
							PCB-1254 Peak 4	10 ug/mL		
PCB-1254 Peak 5	10 ug/mL									
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL	
							PCB-1221 Peak 2	1000 ug/mL		
							PCB-1221 Peak 3	1000 ug/mL		
							PCB-1254 Peak 1	1000 ug/mL		
							PCB-1254 Peak 2	1000 ug/mL		
							PCB-1254 Peak 3	1000 ug/mL		
							PCB-1254 Peak 4	1000 ug/mL		
							PCB-1254 Peak 5	1000 ug/mL		
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL		

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.2PPM_00031	12/23/22	06/23/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00021	1 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
PCB-1254 Peak 5	0.2 ug/mL							
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
							PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
PCB-1254 Peak 4	10 ug/mL							
PCB-1254 Peak 5	10 ug/mL							
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	
							PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
PCB-1254 Peak 4	1000 ug/mL							
PCB-1254 Peak 5	1000 ug/mL							
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00062	07/28/22	02/09/22	HEXANE, Lot 5341794	100 mL	SG2154@10ppm_00018	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
PCB-1254 Peak 5	0.5 ug/mL							
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
							PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
PCB-1254 Peak 4	10 ug/mL							
PCB-1254 Peak 5	10 ug/mL							
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	
							PCB-1221 Peak 1	1000 ug/mL
PCB-1221 Peak 2	1000 ug/mL							

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00066	12/23/22	06/23/22	HEXANE, Lot 5341794	100 mL	SG2154@10ppm_00021	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SGPCBIS STOCk 00020	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00008	03/31/25		restek, Lot a0115555		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00066	12/23/22	06/23/22	HEXANE, Lot 5341794	100 mL	SG2154@10ppm_00021	5 mL	Aroclor-1221	0.5 ug/mL
							Aroclor-1254	0.5 ug/mL
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	Aroclor-1221	10 ug/mL
							Aroclor-1254	10 ug/mL
..SG1221/1254_00008	03/31/25		restek, Lot a0115555		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
							Aroclor-1254	1000 ug/mL
SG2154@1.0PPM_00044	07/28/22	02/09/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00018	5 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration	
					Reagent ID	Volume Added			
							PCB-1254 Peak 4	1 ug/mL	
							PCB-1254 Peak 5	1 ug/mL	
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL	
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL	
							PCB-1221 Peak 2	10 ug/mL	
							PCB-1221 Peak 3	10 ug/mL	
							PCB-1254 Peak 1	10 ug/mL	
							PCB-1254 Peak 2	10 ug/mL	
							PCB-1254 Peak 3	10 ug/mL	
							PCB-1254 Peak 4	10 ug/mL	
							PCB-1254 Peak 5	10 ug/mL	
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
								PCB-1221 Peak 2	1000 ug/mL
								PCB-1221 Peak 3	1000 ug/mL
								PCB-1254 Peak 1	1000 ug/mL
								PCB-1254 Peak 2	1000 ug/mL
								PCB-1254 Peak 3	1000 ug/mL
								PCB-1254 Peak 4	1000 ug/mL
								PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD 00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@1.0PPM_00047	12/23/22	06/23/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00021	5 mL	PCB-1221 Peak 1	1 ug/mL	
							PCB-1221 Peak 2	1 ug/mL	
							PCB-1221 Peak 3	1 ug/mL	
							PCB-1254 Peak 1	1 ug/mL	
							PCB-1254 Peak 2	1 ug/mL	
							PCB-1254 Peak 3	1 ug/mL	
							PCB-1254 Peak 4	1 ug/mL	
							PCB-1254 Peak 5	1 ug/mL	
					SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL	
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL	
							PCB-1221 Peak 2	10 ug/mL	
							PCB-1221 Peak 3	10 ug/mL	
							PCB-1254 Peak 1	10 ug/mL	
							PCB-1254 Peak 2	10 ug/mL	
							PCB-1254 Peak 3	10 ug/mL	
							PCB-1254 Peak 4	10 ug/mL	
							PCB-1254 Peak 5	10 ug/mL	
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
								PCB-1221 Peak 2	1000 ug/mL
								PCB-1221 Peak 3	1000 ug/mL
								PCB-1254 Peak 1	1000 ug/mL
								PCB-1254 Peak 2	1000 ug/mL
								PCB-1254 Peak 3	1000 ug/mL
								PCB-1254 Peak 4	1000 ug/mL
								PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@1.5PPM_00012	07/28/22	02/09/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00018	7.5 mL	PCB-1221 Peak 1	1.5 ug/mL
							PCB-1221 Peak 2	1.5 ug/mL
							PCB-1221 Peak 3	1.5 ug/mL
							PCB-1254 Peak 1	1.5 ug/mL
							PCB-1254 Peak 2	1.5 ug/mL
							PCB-1254 Peak 3	1.5 ug/mL
							PCB-1254 Peak 4	1.5 ug/mL
PCB-1254 Peak 5	1.5 ug/mL							
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
							PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
PCB-1254 Peak 4	10 ug/mL							
PCB-1254 Peak 5	10 ug/mL							
..SG1221/1254_00008	03/31/25		restek, Lot a0115555				(Purchased Reagent)	
							PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
PCB-1254 Peak 4	1000 ug/mL							
PCB-1254 Peak 5	1000 ug/mL							
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@1.5PPM_00013	12/23/22	06/23/22	HEXANE, Lot 5341794	50 mL	SG2154@10ppm_00021	7.5 mL	PCB-1221 Peak 1	1.5 ug/mL
							PCB-1221 Peak 2	1.5 ug/mL
							PCB-1221 Peak 3	1.5 ug/mL
							PCB-1254 Peak 1	1.5 ug/mL
							PCB-1254 Peak 2	1.5 ug/mL
							PCB-1254 Peak 3	1.5 ug/mL
							PCB-1254 Peak 4	1.5 ug/mL
PCB-1254 Peak 5	1.5 ug/mL							
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SG1221/1254_00008	1 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
							PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
PCB-1254 Peak 4	10 ug/mL							
PCB-1254 Peak 5	10 ug/mL							
..SG1221/1254_00008	03/31/25		restek, Lot a0115555			(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.1PPM_00029	07/28/22	02/09/22	HEXANE, Lot 531794	50 mL	SG2154@10ppm_00018	0.5 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.SG2154@10ppm_00018	08/10/22	08/10/21	HEXANE, Lot 5341794	100 mL	SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00008	03/31/25		restek, Lot a0115555		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.1PPM_00030	12/23/22	06/23/22	HEXANE, Lot 531794	50 mL	SG2154@10ppm_00021	0.5 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.SG2154@10ppm_00021	06/23/23	06/23/22	HEXANE, Lot 5341794	100 mL	SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1221/1254_00008	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00008	03/31/25		restek, Lot a0115555			(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154ICV@.5_00010	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SGPCBIS STOCk_00019	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154ICV@.5_00010	07/28/22	02/07/22	HEXANE, Lot 5341787	10 mL	SG1254ICV@100_00014	0.05 mL	Aroclor-1254	0.5 ug/mL
.SG1254ICV@100_00014	08/04/22	08/04/21	HEXANE, Lot 5341787	10 mL	SG 1254 ICV 00009	1 mL	Aroclor-1254	100 ug/mL
..SG 1254 ICV 00009	04/30/25		Agilent, Lot CR-1152			(Purchased Reagent)	Aroclor-1254	1000 ug/mL
SG3262@.05PPM_00027	07/28/22	02/09/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	0.25 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L
					SGPCBIS STOCk_00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.05PPM_00028	12/21/22	06/21/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	0.25 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L
					SGPCBIS STOCK_00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restek, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00025	07/28/22	02/09/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	1 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SGPCBIS STOCk 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
					SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restek, Lot A0147561				(Purchased Reagent)	
							PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	
							1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00026	12/21/22	06/21/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	1 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
					SGPCBIS STOCk 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration									
					Reagent ID	Volume Added											
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL									
							PCB-1232 Peak 2	1000 ug/mL									
							PCB-1232 Peak 3	1000 ug/mL									
							PCB-1232 Peak 4	1000 ug/mL									
							PCB-1232 Peak 5	1000 ug/mL									
							PCB-1262 Peak 1	1000 ug/mL									
							PCB-1262 Peak 2	1000 ug/mL									
							PCB-1262 Peak 3	1000 ug/mL									
							PCB-1262 Peak 4	1000 ug/mL									
..SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL									
..ISTD_00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL								
SG3262@0.1PPM_00024	07/28/22	02/09/22	HEXANE, Lot 5341787	50 mL		SG32/6210PPM_00014	0.5 mL	PCB-1232 Peak 1	100 ug/L								
								PCB-1232 Peak 2	100 ug/L								
								PCB-1232 Peak 3	100 ug/L								
								PCB-1232 Peak 4	100 ug/L								
								PCB-1232 Peak 5	100 ug/L								
								PCB-1262 Peak 1	100 ug/L								
								PCB-1262 Peak 2	100 ug/L								
								PCB-1262 Peak 3	100 ug/L								
								PCB-1262 Peak 4	100 ug/L								
								PCB-1262 Peak 5	100 ug/L								
								SGPCBIS STOCK_00019				0.25 mL			1-Bromo-2-nitrobenzene	50 ug/L	
								.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL		SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
																PCB-1232 Peak 2	10 ug/mL
																PCB-1232 Peak 3	10 ug/mL
PCB-1232 Peak 4	10 ug/mL																
PCB-1232 Peak 5	10 ug/mL																
PCB-1262 Peak 1	10 ug/mL																
PCB-1262 Peak 2	10 ug/mL																
PCB-1262 Peak 3	10 ug/mL																
PCB-1262 Peak 4	10 ug/mL																
PCB-1262 Peak 5	10 ug/mL																
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL									
							PCB-1232 Peak 2	1000 ug/mL									
							PCB-1232 Peak 3	1000 ug/mL									
							PCB-1232 Peak 4	1000 ug/mL									
							PCB-1232 Peak 5	1000 ug/mL									
							PCB-1262 Peak 1	1000 ug/mL									
							PCB-1262 Peak 2	1000 ug/mL									
							PCB-1262 Peak 3	1000 ug/mL									
							PCB-1262 Peak 4	1000 ug/mL									
PCB-1262 Peak 5	1000 ug/mL																
..SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL									
..ISTD_00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL								
SG3262@0.1PPM_00025	12/21/22	06/21/22	HEXANE, Lot 5341787	50 mL		SG32/6210PPM_00014	0.5 mL	PCB-1232 Peak 1	100 ug/L								
								PCB-1232 Peak 2	100 ug/L								

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	100 ug/L
							PCB-1232 Peak 4	100 ug/L
							PCB-1232 Peak 5	100 ug/L
							PCB-1262 Peak 1	100 ug/L
							PCB-1262 Peak 2	100 ug/L
							PCB-1262 Peak 3	100 ug/L
							PCB-1262 Peak 4	100 ug/L
							PCB-1262 Peak 5	100 ug/L
					SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restek, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00051	07/28/22	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/6210PPM_00014	5 mL	PCB-1232 Peak 1	500 ug/L
							PCB-1232 Peak 2	500 ug/L
							PCB-1232 Peak 3	500 ug/L
							PCB-1232 Peak 4	500 ug/L
							PCB-1232 Peak 5	500 ug/L
							PCB-1262 Peak 1	500 ug/L
							PCB-1262 Peak 2	500 ug/L
							PCB-1262 Peak 3	500 ug/L
							PCB-1262 Peak 4	500 ug/L
							PCB-1262 Peak 5	500 ug/L
					SGPCBIS STOCK 00019	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00053	12/21/22	06/21/22	HEXANE, Lot 5341787	100 mL	SG32/6210PPM_00014	5 mL	PCB-1232 Peak 1	500 ug/L
							PCB-1232 Peak 2	500 ug/L
							PCB-1232 Peak 3	500 ug/L
							PCB-1232 Peak 4	500 ug/L
							PCB-1232 Peak 5	500 ug/L
							PCB-1262 Peak 1	500 ug/L
							PCB-1262 Peak 2	500 ug/L
							PCB-1262 Peak 3	500 ug/L
							PCB-1262 Peak 4	500 ug/L
							PCB-1262 Peak 5	500 ug/L
					SGPCBIS STOCK_00020	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	PCB-1262 Peak 5	1000 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	10 ug/mL
SG3262@0.5PPM_00053	12/21/22	06/21/22	HEXANE, Lot 5341787	100 mL	SG32/6210PPM_00014	5 mL	Aroclor-1232	500 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	Aroclor-1262	500 ug/L
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		Aroclor-1232	10 ug/mL
							Aroclor-1262	1000 ug/mL
SG3262@1.0PPM_00036	07/28/22	02/09/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	5 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SGPCBIS STOCk 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
					SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@1.0PPM_00038	12/21/22	06/21/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	5 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L
					SGPCBIS STOCk 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restek, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@1.5PPM_00013	07/28/22	02/09/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	7.5 mL	PCB-1232 Peak 1	1500 ug/L
							PCB-1232 Peak 2	1500 ug/L
							PCB-1232 Peak 3	1500 ug/L
							PCB-1232 Peak 4	1500 ug/L
							PCB-1232 Peak 5	1500 ug/L
							PCB-1262 Peak 1	1500 ug/L
							PCB-1262 Peak 2	1500 ug/L
							PCB-1262 Peak 3	1500 ug/L
							PCB-1262 Peak 4	1500 ug/L
							PCB-1262 Peak 5	1500 ug/L
					SGPCBIS STOCk 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@1.5PPM_00014	12/21/22	06/21/22	HEXANE, Lot 5341787	50 mL	SG32/6210PPM_00014	7.5 mL	PCB-1232 Peak 1	1500 ug/L
							PCB-1232 Peak 2	1500 ug/L
							PCB-1232 Peak 3	1500 ug/L
							PCB-1232 Peak 4	1500 ug/L
							PCB-1232 Peak 5	1500 ug/L
							PCB-1262 Peak 1	1500 ug/L
							PCB-1262 Peak 2	1500 ug/L
							PCB-1262 Peak 3	1500 ug/L
							PCB-1262 Peak 4	1500 ug/L
							PCB-1262 Peak 5	1500 ug/L
					SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00014	02/09/23	02/09/22	HEXANE, Lot 5341787	100 mL	SG32/62 STK_00008	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00008	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
SG42/68@1.0PP_00040	07/28/22	02/14/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	5 mL	PCB-1242 Peak 1	1000 ug/L		
							PCB-1242 Peak 2	1000 ug/L		
							PCB-1242 Peak 3	1000 ug/L		
							PCB-1242 Peak 4	1000 ug/L		
							PCB-1242 Peak 5	1000 ug/L		
							PCB-1268 Peak 1	1000 ug/L		
							PCB-1268 Peak 2	1000 ug/L		
							PCB-1268 Peak 3	1000 ug/L		
							PCB-1268 Peak 4	1000 ug/L		
							PCB-1268 Peak 5	1000 ug/L		
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L		
							SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
									PCB-1242 Peak 2	10000 ug/L
									PCB-1242 Peak 3	10000 ug/L
									PCB-1242 Peak 4	10000 ug/L
									PCB-1242 Peak 5	10000 ug/L
									PCB-1268 Peak 1	10000 ug/L
									PCB-1268 Peak 2	10000 ug/L
									PCB-1268 Peak 3	10000 ug/L
									PCB-1268 Peak 4	10000 ug/L
PCB-1268 Peak 5	10000 ug/L									
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137				(Purchased Reagent)			
							PCB-1242 Peak 1	1000 ug/mL		
							PCB-1242 Peak 2	1000 ug/mL		
							PCB-1242 Peak 3	1000 ug/mL		
							PCB-1242 Peak 4	1000 ug/mL		
							PCB-1242 Peak 5	1000 ug/mL		
							PCB-1268 Peak 1	1000 ug/mL		
							PCB-1268 Peak 2	1000 ug/mL		
							PCB-1268 Peak 3	1000 ug/mL		
							PCB-1268 Peak 4	1000 ug/mL		
PCB-1268 Peak 5	1000 ug/mL									
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL		
							..ISTD 00007	Restek, Lot A0160736	(Purchased Reagent)	1-Bromo-2-nitrobenzene
SG42/68@1.0PP_00042	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	5 mL	PCB-1242 Peak 1	1000 ug/L		
							PCB-1242 Peak 2	1000 ug/L		
							PCB-1242 Peak 3	1000 ug/L		
							PCB-1242 Peak 4	1000 ug/L		
							PCB-1242 Peak 5	1000 ug/L		
							PCB-1268 Peak 1	1000 ug/L		
							PCB-1268 Peak 2	1000 ug/L		
							PCB-1268 Peak 3	1000 ug/L		
							PCB-1268 Peak 4	1000 ug/L		
							PCB-1268 Peak 5	1000 ug/L		
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L		
							SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
									PCB-1242 Peak 2	10000 ug/L
PCB-1242 Peak 3	10000 ug/L									

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00022	07/28/22	02/14/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	0.25 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCk_00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00023	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	0.25 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCK_00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00023	07/28/22	02/14/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	0.5 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00024	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	0.5 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.2PPM_00022	07/28/22	02/14/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	1 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.2PPM_00023	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	1 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
					SGPCBIS STOCK 00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137				(Purchased Reagent)	
							PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736				(Purchased Reagent)	
							1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00052	07/28/22	02/14/22	HEXANE, Lot 5341787	100 mL	SG42/6810PPM_00013	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
					SGPCBIS STOCK 00019	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00054	12/22/22	06/22/22	HEXANE, Lot 5341787	100 mL	SG42/6810PPM_00013	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
					SGPCBIS STOCk_00020	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00054	12/22/22	06/22/22	HEXANE, Lot 5341787	100 mL	SG42/6810PPM_00013	5 mL	Aroclor-1242	500 ug/L
							Aroclor-1268	500 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	Aroclor-1242	10000 ug/L
							Aroclor-1268	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
							Aroclor-1268	1000 ug/mL
SG4268@1.5PPM_00013	07/28/22	02/14/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	7.5 mL	PCB-1242 Peak 1	1500 ug/L
							PCB-1242 Peak 2	1500 ug/L
							PCB-1242 Peak 3	1500 ug/L
							PCB-1242 Peak 4	1500 ug/L
							PCB-1242 Peak 5	1500 ug/L
							PCB-1268 Peak 1	1500 ug/L
							PCB-1268 Peak 2	1500 ug/L
							PCB-1268 Peak 3	1500 ug/L
							PCB-1268 Peak 4	1500 ug/L
							PCB-1268 Peak 5	1500 ug/L
					SGPCBIS STOCK 00019	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00019	07/28/22	07/28/21	HEXANE, Lot 5341787	50 mL	ISTD 00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00007	08/31/23		Restek, Lot A0160736		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@1.5PPM_00014	12/22/22	06/22/22	HEXANE, Lot 5341787	50 mL	SG42/6810PPM_00013	7.5 mL	PCB-1242 Peak 1	1500 ug/L
							PCB-1242 Peak 2	1500 ug/L
							PCB-1242 Peak 3	1500 ug/L
							PCB-1242 Peak 4	1500 ug/L
							PCB-1242 Peak 5	1500 ug/L
							PCB-1268 Peak 1	1500 ug/L
							PCB-1268 Peak 2	1500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 3	1500 ug/L
							PCB-1268 Peak 4	1500 ug/L
							PCB-1268 Peak 5	1500 ug/L
					SGPCBIS STOCK_00020	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00013	02/14/23	02/14/22	HEXANE, Lot 5341787	100 mL	SG 42/68 STK_00007	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00007	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SGPCBISTD_00033	01/21/23	07/21/22	HEXANE, Lot 5341787	100 mL	SGPCBIS STOCK_00020	10 mL	1-Bromo-2-nitrobenzene	1 ug/mL
.SGPCBIS STOCK_00020	05/13/23	05/13/22	HEXANE, Lot 5341787	50 mL	ISTD_00007	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00007	08/31/23		Restek, Lot A0160736			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SPIKE1_00015	03/13/23		CPI, Lot 1146438-1			(Purchased Reagent)	Arsenic	200 mg/L
							Barium	200 mg/L
							Be	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Co	100 mg/L
							Cu	100 mg/L
							Lead	100 mg/L
							Li	100 mg/L
							Mn	100 mg/L
							Mo	100 mg/L
							Ni	100 mg/L
							Selenium	200 mg/L
							Si	200 mg/L
							SiO2	428 mg/L
							Sn	200 mg/L
							Sr	100 mg/L
							Ti	100 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tl	200 mg/L
							V	100 mg/L
SPIKE2_00012	05/12/23		CPI, Lot 1158511-1		(Purchased Reagent)		Al	1000 mg/L
							Ca	5000 mg/L
							Fe	1000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
vm25ux18is_00005	11/02/22	05/02/22	MEOH, Lot +232960000273166JL	100 mL	VM568718_00023	10 mL	1,4-Dichlorobenzene-d4	25 ug/mL
							Chlorobenzene-d5	25 ug/mL
							Fluorobenzene	25 ug/mL
.VM568718_00023	01/31/26		restek, Lot A0168626		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
vm25UX18SS_00006	01/26/23	07/26/22	MEOH, Lot +232960000273166JL	100 mL	VM567650_00036	1 mL	1,2-Dichloroethane-d4 (Surr)	25 ug/mL
							4-Bromofluorobenzene (Surr)	25 ug/mL
							Dibromofluoromethane (Surr)	25 ug/mL
							Toluene-d8 (Surr)	25 ug/mL
.VM567650_00036	01/31/25		Restek, Lot A0156891		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50is_stk_A_00010	05/26/22	11/26/21	MEOH, Lot 273166	50 mL	vm30241_00008	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00008	10/31/24		restek, Lot A0154377		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50is_stk_A_00012	11/17/22	05/17/22	MEOH, Lot 273166	50 mL	vm30241_00008	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00008	10/31/24		restek, Lot A0154377		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00468	03/23/22	03/16/22	MEOH, Lot na	5 mL	vm50ss_stk_00090	5 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00090	06/20/22	12/20/21	MEOH, Lot 0000273166	200 mL	VM567650_00035	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00035	11/30/23		Restek, Lot A0143613		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00477	06/28/22	06/21/22	MEOH, Lot na	5 mL	vm50ss_stk_00092	5 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00092	12/20/22	06/21/22	MEOH, Lot 0000273166	200 mL	VM567650_00036	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00036	01/31/25		Restek, Lot A0156891			(Purchased Reagent)	1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00090	06/20/22	12/20/21	MEOH, Lot 0000273166	200 mL	VM567650_00035	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00035	11/30/23		Restek, Lot A0143613			(Purchased Reagent)	1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00092	12/20/22	06/21/22	MEOH, Lot 0000273166	200 mL	VM567650_00036	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00036	01/31/25		Restek, Lot A0156891			(Purchased Reagent)	1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vmarolistdw_00429	03/23/22	03/16/22	MEOH, Lot na	5 mL	VMACROLSTD_00104	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00104	03/25/22	02/25/22	MEOH, Lot 0000273166	20 mL	VM568720_00042	0.25 mL	Acrolein	250 ug/mL
..VM568720_00042	02/28/23		restek, Lot A0175809			(Purchased Reagent)	Acrolein	20000 ug/mL
vmarolistdw_00443	06/28/22	06/22/22	MEOH, Lot na	5 mL	VMACROLSTD_00107	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00107	06/28/22	05/28/22	MEOH, Lot 0000273166	20 mL	VM568720_00042	0.25 mL	Acrolein	250 ug/mL
..VM568720_00042	02/28/23		restek, Lot A0175809			(Purchased Reagent)	Acrolein	20000 ug/mL
vmbfb_00029							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
.vm30026_00003	08/31/23		restek, Lot A0141187		vm30026_00003	1.25 mL	BFB	50 ug/mL
						(Purchased Reagent)	BFB	2000 ug/mL
vmbfb_00030							1,2-Dichloroethene, Total	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
.vm30026 00003	08/31/23		restek, Lot A0141187		vm30026 00003	2.5 mL	BFB	50 ug/mL
						(Purchased Reagent)	BFB	2000 ug/mL
VMFASGW_00446	03/22/22	03/15/22	MEOH, Lot NA	5 mL	VMFASG_00116	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00116	03/25/22	02/25/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00464	07/28/22	07/21/22	MEOH, Lot NA	5 mL	VMFASG_00120	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00120	07/29/22	06/29/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASPW_00436	03/22/22	03/15/22	MEOH, Lot n/a	5 mL	VMRFASP_00080	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00080	06/01/22	12/01/21	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM571992S_00008	06/30/23		Restek, Lot A0167172			(Purchased Reagent)	1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMFASPW_00452	07/26/22	07/19/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
							1,2-Dibromo-3-Chloropropane	50 ug/mL		
							1,2-Dichlorobenzene	50 ug/mL		
							1,2-Dichloroethane	50 ug/mL		
							1,2-Dichloropropane	50 ug/mL		
							1,3-Dichlorobenzene	50 ug/mL		
							1,4-Dichlorobenzene	50 ug/mL		
							Benzene	50 ug/mL		
							Bromoform	50 ug/mL		
							Carbon disulfide	50 ug/mL		
							Carbon tetrachloride	50 ug/mL		
							Chlorobenzene	50 ug/mL		
							Chlorodibromomethane	50 ug/mL		
							Chloroform	50 ug/mL		
							cis-1,2-Dichloroethene	50 ug/mL		
							cis-1,3-Dichloropropene	50 ug/mL		
							Cyclohexane	50 ug/mL		
							Dichlorobromomethane	50 ug/mL		
							Ethylbenzene	50 ug/mL		
							Ethylene Dibromide	50 ug/mL		
							Isopropylbenzene	50 ug/mL		
							m-Xylene & p-Xylene	50 ug/mL		
							Methyl acetate	100 ug/mL		
							Methyl tert-butyl ether	50 ug/mL		
							Methylcyclohexane	50 ug/mL		
							Methylene Chloride	50 ug/mL		
							o-Xylene	50 ug/mL		
							Styrene	50 ug/mL		
							Tetrachloroethene	50 ug/mL		
Toluene	50 ug/mL									
trans-1,2-Dichloroethene	50 ug/mL									
trans-1,3-Dichloropropene	50 ug/mL									
Trichloroethene	50 ug/mL									
Xylenes, Total	100 ug/mL									
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL		
							2-Hexanone	100 ug/mL		
							4-Methyl-2-pentanone (MIBK)	100 ug/mL		
							Acetone	100 ug/mL		
							VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
									1,1,2,2-Tetrachloroethane	50 ug/mL
					1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL				
					1,1,2-Trichloroethane	50 ug/mL				
					1,1-Dichloroethane	50 ug/mL				
					1,1-Dichloroethene	50 ug/mL				
					1,2,4-Trichlorobenzene	50 ug/mL				
					1,2-Dibromo-3-Chloropropane	50 ug/mL				
					1,2-Dichlorobenzene	50 ug/mL				
					1,2-Dichloroethane	50 ug/mL				

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM571992S_00008	06/30/23		Restek, Lot A0167172			(Purchased Reagent)	1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMFASPW_00453	08/03/22	07/27/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM571992S_00008	06/30/23		Restek, Lot A0167172		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
vmrgas_00419	03/22/22	03/15/22	MEOH, Lot 0000273166	10 mL	vm569722_00020	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00020	04/30/24		Restek, Lot A0171131			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00430	06/18/22	06/11/22	MEOH, Lot 0000273166	10 mL	vm569722_00021	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00021	04/30/24		Restek, Lot A0171131			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00434	07/21/22	07/14/22	MEOH, Lot 0000288059	10 mL	vm569722_00021	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00021	04/30/24		Restek, Lot A0171131			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00435	07/29/22	07/22/22	MEOH, Lot 0000288059	10 mL	vm569722_00021	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00021	04/30/24		Restek, Lot A0171131			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
vmrprimw_00473	03/23/22	03/16/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723_00010	2 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00026	0.5 mL	Vinyl acetate	50 ug/mL
					VM571992_00005	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723_00010	09/30/24		restek, Lot A0176827			(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00026	07/31/22		Restek, Lot A0168154			(Purchased Reagent)	Vinyl acetate	5000 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
VMRPRIMW_00473	03/23/22	03/16/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM571992_00005	1 mL	Xylenes, Total	100 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
VMRPRIMW_00486	06/23/22	06/16/22	MEOH, Lot NA	5 mL	VMRPRIM_00057	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
							Tetrachloroethene	50 ug/mL		
							Tetrahydrofuran	100 ug/mL		
							Toluene	50 ug/mL		
							trans-1,2-Dichloroethene	50 ug/mL		
							trans-1,3-Dichloropropene	50 ug/mL		
							trans-1,4-Dichloro-2-butene	50 ug/mL		
							Trichloroethene	50 ug/mL		
.VMRPRIM_00057	07/31/22	05/23/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL		
							2-Hexanone	100 ug/mL		
							4-Methyl-2-pentanone (MIBK)	100 ug/mL		
							Acetone	100 ug/mL		
							VM569723_00010	2 mL	2-Chloroethyl vinyl ether	100 ug/mL
							VM569724_00026	0.5 mL	Vinyl acetate	50 ug/mL
							VM571992_00005	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
									1,1,1-Trichloroethane	50 ug/mL
									1,1,2,2-Tetrachloroethane	50 ug/mL
									1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
									1,1,2-Trichloroethane	50 ug/mL
									1,1-Dichloroethane	50 ug/mL
									1,1-Dichloroethene	50 ug/mL
									1,1-Dichloropropene	50 ug/mL
									1,2,3-Trichlorobenzene	50 ug/mL
									1,2,3-Trichloropropane	50 ug/mL
									1,2,4-Trichlorobenzene	50 ug/mL
									1,2,4-Trimethylbenzene	50 ug/mL
									1,2-Dibromo-3-Chloropropane	50 ug/mL
									1,2-Dichlorobenzene	50 ug/mL
									1,2-Dichloroethane	50 ug/mL
									1,2-Dichloropropane	50 ug/mL
									1,3,5-Trimethylbenzene	50 ug/mL
									1,3-Dichlorobenzene	50 ug/mL
									1,3-Dichloropropane	50 ug/mL
									1,4-Dichlorobenzene	50 ug/mL
									1,4-Dioxane	1000 ug/mL
									2,2-Dichloropropane	50 ug/mL
									2-Chlorotoluene	50 ug/mL
									2-Methyl-2-propanol	500 ug/mL
									3-Chloro-1-propene	50 ug/mL
									4-Chlorotoluene	50 ug/mL
									4-Isopropyltoluene	50 ug/mL
Acrylonitrile	500 ug/mL									
Benzene	50 ug/mL									
Bromobenzene	50 ug/mL									
Bromoform	50 ug/mL									
Carbon disulfide	50 ug/mL									
Carbon tetrachloride	50 ug/mL									
Chlorobenzene	50 ug/mL									

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723_00010	09/30/24		restek, Lot A0176827			(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00026	07/31/22		Restek, Lot A0168154			(Purchased Reagent)	Vinyl acetate	5000 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
VMRPRIMW_00486	06/23/22	06/16/22	MEOH, Lot NA	5 mL	VMRPRIM_00057	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00057	07/31/22	05/23/22	MEOH, Lot 0000273166	50 mL	VM571992_00005	1 mL	Xylenes, Total	100 ug/mL
.VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
VMRPRIMW_00490	07/25/22	07/18/22	MEOH, Lot NA	5 mL	VMRPRIM_00057	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRPRIM_00057	07/31/22	05/23/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992_00005	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680			(Purchased Reagent)	1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMRPRIMW_00491	07/31/22	07/26/22	MEOH, Lot NA	5 mL	VMRPRIM_00057	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRPRIM_00057	07/31/22	05/23/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992_00005	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680			(Purchased Reagent)	1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
WCP-XYLENE_00042	08/24/23		TCI, Lot RP531-SO			(Purchased Reagent)	Flashpoint	81 Degrees F

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
PFC_ICV_MOD_00044	09/10/22	06/10/22	Methanol, Lot ED663-US	10 mL	PFC_ST_01249	0.025 mL	13C2 PFDA	5 ng/mL
							13C2 PFOA	5 ng/mL
							13C3-PFBA	5 ng/mL
							13C4 PFOS	4.7825 ng/mL
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
PFC_ICV_MOD_00044	09/10/22	06/10/22	Methanol, Lot ED663-US	10 mL	PFC_IN_00701	0.05 mL	d5-NetPFOSA	10 ng/mL
							13C3 HFPO-DA	10 ng/mL
							M2-8:2 FTS	9.58 ng/mL
							M2-6:2 FTS	9.5 ng/mL
							d3-NMePFOSA	10 ng/mL
							13C-6:2 FTCA	10 ng/mL
							13C-10:2 FTCA	10 ng/mL
							13C-8:2 FTCA	10 ng/mL
							d3-NMeFOSAA	10 ng/mL
							d5-NetFOSAA	10 ng/mL
							d7-N-MeFOSE-M	10 ng/mL
							d9-N-EtFOSE-M	10 ng/mL
							13C8 FOSA	10 ng/mL
							M2-4:2 FTS	9.34 ng/mL
							13C-6:2 FTUCA	10 ng/mL
					13C-8:2 FTUCA	10 ng/mL		
					13C-10:2 FTUCA	10 ng/mL		
					PFC_IN_00705	1 mL	11Cl-PF3OUds	1.86 ng/mL
							9Cl-PF3ONS	1.86 ng/mL
							DONA	1.89 ng/mL
							HFPODA	2 ng/mL
							NEtFOSAA	2 ng/mL
							NMeFOSAA	2 ng/mL
							Perfluorobutanesulfonic acid	1.77 ng/mL
							Perfluorodecanoic acid	2 ng/mL
							Perfluorododecanoic acid	2 ng/mL
							Perfluoroheptanoic acid	2 ng/mL
							Perfluorohexanesulfonic acid	1.824 ng/mL
							Perfluorohexanoic acid	2 ng/mL
							Perfluorononanoic acid	2 ng/mL
							Perfluorooctanesulfonic acid	1.851 ng/mL
							Perfluorooctanoic acid	2 ng/mL
							Perfluorotetradecanoic acid	2 ng/mL
Perfluorotridecanoic acid	2 ng/mL							
Perfluoroundecanoic acid	2 ng/mL							
PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ng/mL					
		13C2-PFDoDA	10 ng/mL					
		13C3 PFBS	9.3 ng/mL					
							13C3 PFHxS	9.46 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C4 PFBA	10 ng/mL
							13C4 PFHpA	10 ng/mL
							13C5 PFHxA	10 ng/mL
							13C5 PFPeA	10 ng/mL
							13C6 PFDA	10 ng/mL
							13C7 PFUnA	10 ng/mL
							13C8 PFOA	10 ng/mL
							13C8 PFOS	9.56 ng/mL
							13C9 PFNA	10 ng/mL
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NetPFOSA	2000 ppb
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01216	0.2 mL	d5-NetFOSAA	2000 ppb
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25	Wellington Laboratories, Lot dNetFOSA1120M			(Purchased Reagent)		d5-NetPFOSA	50000 ng/mL
..PFC_ST_00984	05/13/24	Wellington Laboratories, Lot M3HFPODA0521			(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC_ST_00985	12/17/25	Wellington Laboratories, Lot M282FTS1220			(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC_ST_00986	05/14/26	Wellington Laboratories, Lot M262FTS0521			(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23	Wellington Laboratories, Lot dNMeFOSA0421M			(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01108	04/04/23	Wellington Laboratories, Lot MFHEA0421			(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC_ST_01109	04/04/23	Wellington Laboratories, Lot MFDEA0817			(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC_ST_01113	04/04/23	Wellington Laboratories, Lot MFOEA1020			(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23	Wellington Laboratories, Lot d3NMeFOSAA0521			(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23	Wellington Laboratories, Lot d5NetFOSAA0921			(Purchased Reagent)		d5-NetFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23	Wellington Laboratories, Lot d7NMeFOSE1220M			(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23	Wellington Laboratories, Lot d9NetFOSE1220M			(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC_ST_01411	10/12/26	Wellington Laboratories, Lot M8FOSA0921I			(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC_ST_01412	10/13/26	Wellington Laboratories, Lot M242FTS01021			(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC_ST_01467	03/22/23	Wellington Laboratories, Lot MFHUEA0322			(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC_ST_01468	03/22/23	Wellington Laboratories, Lot MFOUEA1121			(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC_ST_01469	03/22/23	Wellington Laboratories, Lot MFDUEA1221			(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.PFC_IN_00705	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00704	0.2 mL	11Cl-PF3OUds	18.6 ng/mL
							9Cl-PF3ONS	18.6 ng/mL
							DONA	18.9 ng/mL
							HFPODA	20 ng/mL
							NEtFOSAA	20 ng/mL
							NMeFOSAA	20 ng/mL
							Perfluorobutanesulfonic acid	17.7 ng/mL
							Perfluorodecanoic acid	20 ng/mL
							Perfluorododecanoic acid	20 ng/mL
							Perfluoroheptanoic acid	20 ng/mL
							Perfluorohexanesulfonic acid	18.24 ng/mL
							Perfluorohexanoic acid	20 ng/mL
							Perfluorononanoic acid	20 ng/mL
							Perfluorooctanesulfonic acid	18.51 ng/mL
							Perfluorooctanoic acid	20 ng/mL
Perfluorotetradecanoic acid	20 ng/mL							
Perfluorotridecanoic acid	20 ng/mL							
Perfluoroundecanoic acid	20 ng/mL							
..PFC_IN_00704	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_ST_01549	1.25 mL	11Cl-PF3OUds	465 ng/mL
							9Cl-PF3ONS	465 ng/mL
							DONA	472.5 ng/mL
							HFPODA	500 ng/mL
							NEtFOSAA	500 ng/mL
							NMeFOSAA	500 ng/mL
							Perfluorobutanesulfonic acid	442.5 ng/mL
							Perfluorodecanoic acid	500 ng/mL
							Perfluorododecanoic acid	500 ng/mL
							Perfluoroheptanoic acid	500 ng/mL
							Perfluorohexanesulfonic acid	456 ng/mL
							Perfluorohexanoic acid	500 ng/mL
							Perfluorononanoic acid	500 ng/mL
							Perfluorooctanesulfonic acid	462.75 ng/mL
							Perfluorooctanoic acid	500 ng/mL
Perfluorotetradecanoic acid	500 ng/mL							
Perfluorotridecanoic acid	500 ng/mL							
Perfluoroundecanoic acid	500 ng/mL							
...PFC_ST_01549	06/01/24	Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)		11Cl-PF3OUds	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NEtFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
.PFC_ST_01219	01/13/26	Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
PFC_IS_MOD_00366	08/27/22	07/27/22	Methanol, Lot ED531-US	10 mL	PFC_ST_01680	0.5 mL	13C2 PFDA	100 ng/mL
							13C2 PFOA	100 ng/mL
							13C3-PFBA	100 ng/mL
							13C4 PFOS	95.65 ng/mL
.PFC_ST_01680	06/10/23	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
PFC_LB_MOD_00030	09/10/22	06/10/22	Methanol, Lot ED663-US	10 mL	PFC_IN_00701	0.05 mL	d5-NETPFOSA	10 ng/mL
							13C3 HFPO-DA	10 ng/mL
							M2-8:2 FTS	9.58 ng/mL
							M2-6:2 FTS	9.5 ng/mL
							d3-NMePFOSA	10 ng/mL
							13C-6:2 FTCA	10 ng/mL
							13C-10:2 FTCA	10 ng/mL
							13C-8:2 FTCA	10 ng/mL
							13C4 PFOA	10 ng/mL
							d3-NMeFOSAA	10 ng/mL
							d5-NETFOSAA	10 ng/mL
							13C2 PFHxA	10 ng/mL
							13C2 PFUnA	10 ng/mL
							d7-N-MeFOSE-M	10 ng/mL
							d9-N-EtFOSE-M	10 ng/mL
							13C8 FOSA	10 ng/mL
							M2-4:2 FTS	9.34 ng/mL
							13C-6:2 FTUCA	10 ng/mL
							13C-8:2 FTUCA	10 ng/mL
							13C-10:2 FTUCA	10 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_IN_00706	0.04 mL	Perfluorooctanoic acid	2 ng/mL
					PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ng/mL
							13C2-PFDoDA	10 ng/mL
							13C3 PFBS	9.3 ng/mL
							13C3 PFHxS	9.46 ng/mL
							13C4 PFBA	10 ng/mL
							13C4 PFHpA	10 ng/mL
							13C5 PFHxA	10 ng/mL
							13C5 PFPeA	10 ng/mL
							13C6 PFDA	10 ng/mL
							13C7 PFUnA	10 ng/mL
							13C8 PFOA	10 ng/mL
							13C8 PFOS	9.56 ng/mL
		13C9 PFNA	10 ng/mL					
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NETPFOSA	2000 ppb
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC_ST_01214	0.2 mL	13C4 PFOA	2000 ppb
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01216	0.2 mL	d5-NETFOSAA	2000 ppb
					PFC_ST_01217	0.2 mL	13C2 PFHxA	2000 ppb
					PFC_ST_01218	0.2 mL	13C2 PFUnA	2000 ppb
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25	Wellington Laboratories, Lot dNetFOSA1120M			(Purchased Reagent)	d5-NETPFOSA	50000 ng/mL	
..PFC_ST_00984	05/13/24	Wellington Laboratories, Lot M3HFPODA0521			(Purchased Reagent)	13C3 HFPO-DA	50000 ng/mL	
..PFC_ST_00985	12/17/25	Wellington Laboratories, Lot M282FTS1220			(Purchased Reagent)	M2-8:2 FTS	47900 ng/mL	
..PFC_ST_00986	05/14/26	Wellington Laboratories, Lot M262FTS0521			(Purchased Reagent)	M2-6:2 FTS	47500 ng/mL	
..PFC_ST_01081	04/04/23	Wellington Laboratories, Lot dNMeFOSA0421M			(Purchased Reagent)	d3-NMePFOSA	50000 ng/mL	
..PFC_ST_01108	04/04/23	Wellington Laboratories, Lot MFHEA0421			(Purchased Reagent)	13C-6:2 FTCA	50000 ppb	
..PFC_ST_01109	04/04/23	Wellington Laboratories, Lot MFDEA0817			(Purchased Reagent)	13C-10:2 FTCA	50000 ppb	
..PFC_ST_01113	04/04/23	Wellington Laboratories, Lot MFOEA1020			(Purchased Reagent)	13C-8:2 FTCA	50000 ppb	
..PFC_ST_01214	05/13/26	Wellington Laboratories, Lot MPFOA0521			(Purchased Reagent)	13C4 PFOA	50000 ng/mL	
..PFC_ST_01215	04/04/23	Wellington Laboratories, Lot d3NMeFOSAA0521			(Purchased Reagent)	d3-NMeFOSAA	50000 ng/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC ST 01217	10/04/26		Wellington Laboratories, Lot MPFHxA0921		(Purchased Reagent)		13C2 PFHxA	50000 ng/mL
..PFC ST 01218	02/02/26		Wellington Laboratories, Lot MPFUdA0121		(Purchased Reagent)		13C2 PFUnA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC IN 00706	12/10/22	06/10/22	MeOH, Lot ED663-US	2 mL	PFC_ST_01013	0.02 mL	Perfluorooctanoic acid	500 ng/mL
..PFC ST 01013	01/08/26		Wellington Laboratories, Lot TPF0A0121		(Purchased Reagent)		Perfluorooctanoic acid	50000 ng/mL
.PFC_ST_01219	01/13/26		Wellington Laboratories, Lot MPFACCES0121		(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
PFC_MS_MODWX_00140	08/16/22	06/30/22	Methanol, Lot ED531-US	10 mL	PFC_IN_00683	0.8 mL	NMeFOSA	160 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	160 ng/mL
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	160 ng/mL
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	160 ng/mL
							Perfluorooctanesulfonamide	160 ng/mL
							Perfluorohexadecanoic acid	160 ng/mL
							Perfluorooctadecanoic acid	160 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	154.88 ng/mL
							Perfluoropentanesulfonic acid	150.08 ng/mL
							Perfluoroheptanesulfonic acid	152.32 ng/mL
							Perfluorononanesulfonic acid	153.6 ng/mL
							Perfluorodecanesulfonic acid	154.24 ng/mL
							Perfluorobutanoic acid	160 ng/mL
							Perfluoropentanoic acid	160 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	149.44 ng/mL
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	151.68 ng/mL
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	153.28 ng/mL
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	154.24 ng/mL
					PFC_IN_00685	0.8 mL	N,N-Bis(2-hydroxyethyl)perfluorobutanesulfonamide	160 ng/mL
							Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan)amide	633.6 ng/mL
							Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid (HFPO-TrA)	640 ng/mL
							3:3 FTCA	160 ng/mL
							5:3 FTCA	160 ng/mL
							7:3 FTCA	160 ng/mL
							6:2 FTCA	160 ng/mL
							8:2 FTCA	160 ng/mL
							10:2 FTCA	160 ng/mL
							6:2 FTUCA	160 ng/mL
							8:2 FTUCA	160 ng/mL
							10:2 FTUCA	160 ng/mL
							PFECA F	160 ng/mL
							PFECA A	160 ng/mL
							PFECA B	160 ng/mL
							PES	142.4 ng/mL
							PFECHS	147.52 ng/mL
							PFPrS	146.56 ng/mL
							FBSA	160 ng/mL
							FHxSA	160 ng/mL
							Sodium trifluoromethanesulfonate	156.8 ng/mL
					PFC_IN_00687	0.8 mL	PFECA G	160 ng/mL
							PPF Acid	160 ng/mL
							MTP	160 ng/mL
							PFMOAA	160 ng/mL
							R-EVE	160 ng/mL
							R-PSDA	160 ng/mL
							Hydrolyzed PSDA	160 ng/mL
							PFO2HxA	160 ng/mL
							NVHOS	160 ng/mL
							PFO3OA	160 ng/mL
							PFO4DA	160 ng/mL
							Hydro-EVE Acid	160 ng/mL
							EVE Acid	160 ng/mL
							R-PSDCA	160 ng/mL
							Hydro-PS Acid	160 ng/mL
							PS Acid	160 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01539	0.8 mL	TAF	160 ng/mL
							PMPA	160 ng/mL
							PEPA	160 ng/mL
							11Cl-PF30Uds	148.8 ng/mL
							9Cl-PF3ONS	148.8 ng/mL
							DONA	151.2 ng/mL
							HFPODA	160 ng/mL
							NETFOSAA	160 ng/mL
							NMeFOSAA	160 ng/mL
							Perfluorobutanesulfonic acid	141.6 ng/mL
							Perfluorodecanoic acid	160 ng/mL
							Perfluorododecanoic acid	160 ng/mL
							Perfluoroheptanoic acid	160 ng/mL
							Perfluorohexanesulfonic acid	145.92 ng/mL
							Perfluorohexanoic acid	160 ng/mL
							Perfluorononanoic acid	160 ng/mL
Perfluorooctanesulfonic acid	148.08 ng/mL							
Perfluorooctanoic acid	160 ng/mL							
Perfluorotetradecanoic acid	160 ng/mL							
Perfluorotridecanoic acid	160 ng/mL							
Perfluoroundecanoic acid	160 ng/mL							
.PFC_IN_00683	11/19/22	05/19/22	Methanol, Lot ED412-US	8 mL	PFC_ST_01417	0.32 mL	NMeFOSA	2000 ng/mL
					PFC_ST_01418	0.32 mL	N-ethylperfluoro-1-octanesulfo namide	2000 ng/mL
					PFC_ST_01419	0.32 mL	2- (N-methylperfluoro-1-octanesul fonamido) ethanol	2000 ng/mL
					PFC_ST_01420	0.32 mL	2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	2000 ng/mL
					PFC ST 01422	0.32 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC ST 01423	0.32 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC ST 01424	0.32 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_01425	0.32 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC ST 01426	0.32 mL	Perfluoropentanesulfonic acid	1876 ng/mL
					PFC ST 01427	0.32 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC ST 01428	0.32 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC ST 01429	0.32 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC ST 01430	0.32 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC ST 01431	0.32 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC_ST_01432	0.32 mL	1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	1868 ng/mL
					PFC_ST_01433	0.32 mL	1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	1896 ng/mL
PFC_ST_01434	0.32 mL	1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	1916 ng/mL					
PFC_ST_01435	0.32 mL	1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	1928 ng/mL					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01417	03/23/23		Wellington Laboratories, Lot NMeFOSA0721M		(Purchased Reagent)		NMeFOSA	50000 ng/mL
..PFC_ST_01418	03/23/23		Wellington Laboratories, Lot NETFOSA0821M		(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
..PFC_ST_01419	03/23/23		Wellington Laboratories, Lot NMeFOSE0921M		(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01420	03/23/23		Wellington Laboratories, Lot NETFOSE0921M		(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01422	03/23/23		Wellington Laboratories, Lot FOSA0721I		(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
..PFC_ST_01423	03/23/23		Wellington Laboratories, Lot PFHxDA0421		(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
..PFC_ST_01424	03/23/23		Wellington Laboratories, Lot PFODA0821		(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
..PFC_ST_01425	03/23/23		Wellington Laboratories, Lot LPFDoS1021		(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
..PFC_ST_01426	03/23/23		Wellington Laboratories, Lot LPFPeS0721		(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
..PFC_ST_01427	03/23/23		Wellington Laboratories, Lot LPFHps0721		(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
..PFC_ST_01428	03/23/23		Wellington Laboratories, Lot LPFNS1021		(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
..PFC_ST_01429	03/23/23		Wellington Laboratories, Lot LPFDS0821		(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
..PFC_ST_01430	03/23/23		Wellington Laboratories, Lot PFBA1021		(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
..PFC_ST_01431	03/23/23		Wellington Laboratories, Lot PFPeA0721		(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
..PFC_ST_01432	03/23/23		Wellington Laboratories, Lot 42FTS0921		(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
..PFC_ST_01433	03/23/23		Wellington Laboratories, Lot 62FTS0521		(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
..PFC_ST_01434	03/23/23		Wellington Laboratories, Lot 82FTS0821		(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
..PFC_ST_01435	03/23/23		Wellington Laboratories, Lot 102FTS0221		(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
.PFC_IN_00685	08/21/22	05/19/22	Methanol, Lot ED412-US	8 mL	FBSEE_20ppm_00001	0.8 mL	N,N-Bis(2-hydroxyethyl)perfluorobutanesulfonamide	2000 ppb
					HFPO_TeA_Int1_00002	0.064 mL	Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan)amide	7920 ppb
					PFC_HFPO_TrA_00001	0.64 mL	Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid (HFPO-TrA)	8000 ppb
					PFC_ST_01361	0.32 mL	3:3 FTCA	2000 ppb
					PFC_ST_01362	0.32 mL	5:3 FTCA	2000 ppb
					PFC_ST_01363	0.32 mL	7:3 FTCA	2000 ppb
					PFC_ST_01364	0.32 mL	6:2 FTCA	2000 ppb
					PFC_ST_01365	0.32 mL	8:2 FTCA	2000 ppb
					PFC_ST_01366	0.32 mL	10:2 FTCA	2000 ppb
					PFC_ST_01367	0.32 mL	6:2 FTUCA	2000 ppb
					PFC_ST_01368	0.32 mL	8:2 FTUCA	2000 ppb
					PFC_ST_01369	0.32 mL	10:2 FTUCA	2000 ppb
					PFC_ST_01370	0.32 mL	PFECA F	2000 ppb
					PFC_ST_01371	0.32 mL	PFECA A	2000 ppb
					PFC_ST_01372	0.32 mL	PFECA B	2000 ppb
					PFC_ST_01373	0.32 mL	PES	1780 ppb
					PFC_ST_01374	0.32 mL	PFECHS	1844 ppb
PFC_ST_01375	0.32 mL	PFPPrS	1832 ppb					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01439	0.32 mL	FBSA	2000 ppb
					PFC_ST_01440	0.32 mL	FHxSA	2000 ppb
					PFC_TFMS_Int_00002	0.016 mL	Sodium trifluoromethanesulfonate	1960 ppb
..FBSEE_20ppm_00001	02/03/23	02/03/22	Methanol, Lot 204513	10 mL	FBSEE_00002	10 uL	N,N-Bis(2-hydroxyethyl)perfluorobutanesulfonamide	20 ppm
...FBSEE_00002	02/03/25	Synquest Laboratories, Lot 629500			(Purchased Reagent)		N,N-Bis(2-hydroxyethyl)perfluorobutanesulfonamide	20000 ppm
..HFPO_TeA_Int1_00002	08/25/22	02/25/22	Methanol, Lot EC058-US	10 mL	HFPO_TeA_Int1_00001	1 mL	Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan)amide	990000 ppb
...HFPO_TeA_Int1_00001	09/29/22	09/29/21	Methanol, Lot 204513	10 mL	PFC_HFPO_TeA_00002	0.1 mL	Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan)amide	9900000 ppb
....PFC_HFPO_TeA_00002	09/29/22	Synquest Laboratories, Lot Q177-06			(Purchased Reagent)		Perfluoro(2,5,8-trimethyl-3,6,9-trioxadodecan)amide	99 %
..PFC_HFPO_Tra_00001	11/15/22	11/15/21	Methanol, Lot 204513	10 mL	HFPO-Tra_00001	8 uL	Perfluoro-2,5-dimethyl-3,6-dioxananoic acid (HFPO-Tra)	100 ppm
...HFPO-Tra_00001	11/15/23	Toronto Research Chemicals, Lot 21-JPO-57-1			(Purchased Reagent)		Perfluoro-2,5-dimethyl-3,6-dioxananoic acid (HFPO-Tra)	125 mg/mL
..PFC_ST_01361	11/12/25	Wellington Laboratories, Lot FPrPA1020			(Purchased Reagent)		3:3 FTCA	50000 ng/mL
..PFC_ST_01362	11/11/25	Wellington Laboratories, Lot FPePA1120			(Purchased Reagent)		5:3 FTCA	50000 ng/mL
..PFC_ST_01363	11/12/25	Wellington Laboratories, Lot FHpPA1020			(Purchased Reagent)		7:3 FTCA	50000 ng/mL
..PFC_ST_01364	03/08/24	Wellington Laboratories, Lot FHEA0321			(Purchased Reagent)		6:2 FTCA	50000 ng/mL
..PFC_ST_01365	08/18/24	Wellington Laboratories, Lot FOEA0821			(Purchased Reagent)		8:2 FTCA	50000 ng/mL
..PFC_ST_01366	07/07/23	Wellington Laboratories, Lot FDEA0921			(Purchased Reagent)		10:2 FTCA	50000 ng/mL
..PFC_ST_01367	09/03/23	Wellington Laboratories, Lot FHUEA0921			(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
..PFC_ST_01368	03/29/23	Wellington Laboratories, Lot FOUEA0321			(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
..PFC_ST_01369	03/29/23	Wellington Laboratories, Lot FDUEA1021			(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
..PFC_ST_01370	07/21/24	Wellington Laboratories, Lot PF40PeA0921			(Purchased Reagent)		PFECA F	50000 ng/mL
..PFC_ST_01371	11/21/24	Wellington Laboratories, Lot PF50HxA0921			(Purchased Reagent)		PFECA A	50000 ng/mL
..PFC_ST_01372	08/21/23	Wellington Laboratories, Lot 36OPFHxA0921			(Purchased Reagent)		PFECA B	50000 ng/mL
..PFC_ST_01373	05/13/25	Wellington Laboratories, Lot PFESA1121			(Purchased Reagent)		PES	44500 ppb
..PFC_ST_01374	07/21/24	Wellington Laboratoires, Lot PFECHS1021			(Purchased Reagent)		PFECHS	46100 ppb
..PFC_ST_01375	07/12/26	Wellington Laboratories, Lot LPFPrS0721			(Purchased Reagent)		PFPPrS	45800 ppb
..PFC_ST_01439	03/23/23	Wellington Laboratories, Lot FBSA1121I			(Purchased Reagent)		FBSA	50000 ng/mL
..PFC_ST_01440	07/07/23	Wellington Laboratories, Lot FHxSA121I			(Purchased Reagent)		FHxSA	50000 ng/mL
..PFC_TFMS_Int_00002	08/25/22	02/25/22	Methanol, Lot 204513	10 mL	PFC_TFMS_Int_00001	1 mL	Sodium trifluoromethanesulfonate	980 ppm
...PFC_TFMS_Int_00001	09/29/22	09/29/21	Methanol, Lot 204513	10 mL	PFC_TFMS_PS_00001	0.1 g	Sodium trifluoromethanesulfonate	9800 ppm
....PFC_TFMS_PS_00001	09/29/22	Sigma-Aldrich, Lot MKCM0418			(Purchased Reagent)		Sodium trifluoromethanesulfonate	98 %
..PFC_IN_00687	08/16/22	05/20/22	Methanol, Lot ED412-US	5 mL	PFC_IN_00602	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							MTP	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration	
					Reagent ID	Volume Added			
							NVHOS	2000 ppb	
							PFO3OA	2000 ppb	
							PFO4DA	2000 ppb	
							Hydro-EVE Acid	2000 ppb	
							EVE Acid	2000 ppb	
							R-PSDCA	2000 ppb	
							Hydro-PS Acid	2000 ppb	
							PS Acid	2000 ppb	
							TAF	2000 ppb	
							PMPA	2000 ppb	
							PEPA	2000 ppb	
..PFC_IN_00602	08/16/22	02/16/22	Methanol, Lot EC203-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb	
					PFC_ST_00329	0.1 mL	PPF Acid	10000 ppb	
					PFC_ST_00332	0.1 mL	MTP	10000 ppb	
					PFC_ST_01117	0.1 mL	PFMOAA	10000 ppb	
					PFC_ST_01118	0.1 mL	R-EVE	10000 ppb	
					PFC_ST_01119	0.1 mL	R-PSDA	10000 ppb	
					PFC_ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb	
					PFC_ST_01121	0.1 mL	PFO2HxA	10000 ppb	
					PFC_ST_01122	0.1 mL	NVHOS	10000 ppb	
					PFC_ST_01124	0.1 mL	PFO3OA	10000 ppb	
					PFC_ST_01127	0.1 mL	PFO4DA	10000 ppb	
					PFC_ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb	
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb	
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb	
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb	
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb	
					PFC_ST_01133	0.1 mL	TAF	10000 ppb	
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb	
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb	
...PFC_ST_00199	02/26/23		Chemours, Lot N/A				(Purchased Reagent)	PFECA G	1000000 ug/L
...PFC_ST_00329	02/26/23		Chemours, Lot N/A				(Purchased Reagent)	PPF Acid	1000000 ug/L
...PFC_ST_00332	02/26/23		Chemours, Lot N/A				(Purchased Reagent)	MTP	1000000 ug/L
...PFC_ST_01117	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PFMOAA	1000000 ug/L
...PFC_ST_01118	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	R-EVE	1000000 ug/L
...PFC_ST_01119	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	R-PSDA	1000000 ug/L
...PFC_ST_01120	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	Hydrolyzed PSDA	1000000 ug/L
...PFC_ST_01121	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PFO2HxA	1000000 ug/L
...PFC_ST_01122	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	NVHOS	1000000 ug/L
...PFC_ST_01124	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PFO3OA	1000000 ug/L
...PFC_ST_01127	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PFO4DA	1000000 ug/L
...PFC_ST_01128	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	Hydro-EVE Acid	1000000 ug/L
...PFC_ST_01129	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	EVE Acid	1000000 ug/L
...PFC_ST_01130	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	R-PSDCA	1000000 ug/L
...PFC_ST_01131	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	Hydro-PS Acid	1000000 ug/L
...PFC_ST_01132	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PS Acid	1000000 ug/L
...PFC_ST_01133	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	TAF	1000000 ug/L
...PFC_ST_01134	10/13/22		Chemours, Lot N/A				(Purchased Reagent)	PMPA	1000000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...PFC ST 01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_ST_01539	04/14/24		Wellington Laboratories, Lot 537PDSR10521		(Purchased Reagent)		11Cl-PF3OUdS	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NETFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
PFC_SS_MODX_00288	09/19/22	07/19/22	Methanol, Lot ED531-US	25 mL	PFC_IN_00726	5 mL	13C3 PFBS	372 ng/mL
							13C3 PFHxS	378.4 ng/mL
							13C8 PFOS	382.4 ng/mL
							13C4 PFBA	400 ng/mL
							13C5 PFPeA	400 ng/mL
							13C5 PFHxA	400 ng/mL
							13C4 PFHpA	400 ng/mL
							13C8 PFOA	400 ng/mL
							13C9 PFNA	400 ng/mL
							13C6 PFDA	400 ng/mL
							13C7 PFUnA	400 ng/mL
							13C2-PFDoDA	400 ng/mL
							13C2 PFTeDA	400 ng/mL
							13C8 FOSA	400 ng/mL
							d3-NMePFOSA	400 ng/mL
							d5-NetPFOSA	400 ng/mL
							d7-N-MeFOSE-M	400 ng/mL
							d9-N-EtFOSE-M	400 ng/mL
							d3-NMeFOSAA	400 ng/mL
							d5-NetFOSAA	400 ng/mL
							13C3 HFPO-DA	400 ng/mL
							M2-4:2 FTS	373.6 ng/mL
							M2-6:2 FTS	380 ng/mL
							M2-8:2 FTS	383.2 ng/mL
					PFC_IN_00727	5 mL	13C-6:2 FTCA	400 ng/mL
							13C-8:2 FTCA	400 ng/mL
							13C-10:2 FTCA	400 ng/mL
							13C-6:2 FTUCA	400 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C-8:2 FTUCA	400 ng/mL
							13C-10:2 FTUCA	400 ng/mL
.PFC_IN_00726	01/19/23	07/19/22	Methanol, Lot ED531-US	25 mL	PFC_ST_01689	1 mL	13C3 PFBS	1860 ppb
					PFC_ST_01690	1 mL	13C3 PFHxS	1892 ppb
					PFC_ST_01691	1 mL	13C8 PFOS	1912 ppb
					PFC_ST_01692	1 mL	13C4 PFBA	2000 ppb
					PFC_ST_01693	1 mL	13C5 PFPeA	2000 ppb
					PFC_ST_01694	1 mL	13C5 PFHxA	2000 ppb
					PFC_ST_01695	1 mL	13C4 PFHpA	2000 ppb
					PFC_ST_01696	1 mL	13C8 PFOA	2000 ppb
					PFC_ST_01697	1 mL	13C9 PFNA	2000 ppb
					PFC_ST_01698	1 mL	13C6 PFDA	2000 ppb
					PFC_ST_01699	1 mL	13C7 PFUnA	2000 ppb
					PFC_ST_01700	1 mL	13C2-PFDoDA	2000 ppb
					PFC_ST_01701	1 mL	13C2 PFTeDA	2000 ppb
					PFC_ST_01702	1 mL	13C8 FOSA	2000 ppb
					PFC_ST_01703	1 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01704	1 mL	d5-NetPFOSA	2000 ppb
					PFC_ST_01705	1 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01706	1 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01707	1 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01708	1 mL	d5-NetFOSAA	2000 ppb
					PFC_ST_01709	1 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_01710	1 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01711	1 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01712	1 mL	M2-8:2 FTS	1916 ppb
..PFC_ST_01689	02/07/27	Wellington Laboratories, Lot M3PFBS0222			(Purchased Reagent)		13C3 PFBS	46500 ng/mL
..PFC_ST_01690	12/09/26	Wellington Laboratories, Lot M3PFHxS1221			(Purchased Reagent)		13C3 PFHxS	47300 ng/mL
..PFC_ST_01691	05/19/27	Wellington Laboratories, Lot M8PFOS0522			(Purchased Reagent)		13C8 PFOS	47800 ng/mL
..PFC_ST_01692	05/19/27	Wellington Laboratories, Lot MPFBA0522			(Purchased Reagent)		13C4 PFBA	50000 ng/mL
..PFC_ST_01693	08/10/26	Wellington Laboratories, Lot M5PFPeA0821			(Purchased Reagent)		13C5 PFPeA	50000 ng/mL
..PFC_ST_01694	10/29/26	Wellington Laboratories, Lot M5PFHxA1021			(Purchased Reagent)		13C5 PFHxA	50000 ng/mL
..PFC_ST_01695	12/07/26	Wellington Laboratories, Lot M4PFHpA1121			(Purchased Reagent)		13C4 PFHpA	50000 ng/mL
..PFC_ST_01696	12/07/26	Wellington Laboratories, Lot M8PFOA1221			(Purchased Reagent)		13C8 PFOA	50000 ng/mL
..PFC_ST_01697	02/28/27	Wellington Laboratories, Lot M9PFNA0222			(Purchased Reagent)		13C9 PFNA	50000 ng/mL
..PFC_ST_01698	02/28/27	Wellington Laboratories, Lot M6PFDA0222			(Purchased Reagent)		13C6 PFDA	50000 ng/mL
..PFC_ST_01699	08/18/26	Wellington Laboratories, Lot M7PFUnA0821			(Purchased Reagent)		13C7 PFUnA	50000 ng/mL
..PFC_ST_01700	03/17/27	Wellington Laboratories, Lot MPFDoA0322			(Purchased Reagent)		13C2-PFDoDA	50000 ng/mL
..PFC_ST_01701	05/11/27	Wellington Laboratories, Lot M2PFTeDA0522			(Purchased Reagent)		13C2 PFTeDA	50000 ng/mL
..PFC_ST_01702	06/08/27	Wellington Laboratories, Lot M8FOSA0622I			(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC_ST_01703	05/06/27	Wellington Laboratories, Lot dNMeFOSA0422M			(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01704	03/17/27	Wellington Laboratories, Lot dNetFOSA0322M			(Purchased Reagent)		d5-NetPFOSA	50000 ng/mL
..PFC_ST_01705	01/27/27	Wellington Laboratories, Lot d7NMeFOSE1221M			(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01706	01/27/27	Wellington Laboratories, Lot d9NEtFOSE1221M			(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01707	02/22/27		Wellington Laboratories, Lot d3NMeFOSAA0222		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01708	05/11/27		Wellington Laboratories, Lot d5NEtFOSAA0522		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC ST 01709	05/12/25		Wellington Laboratories, Lot M3HFPODA0522		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC ST 01710	04/22/27		Wellington Laboratories, Lot M242FTS0422		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01711	02/22/27		Wellington Laboratories, Lot M262FTS0222		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC ST 01712	11/23/26		Wellington Laboratories, Lot M282FTS1121		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
.PFC_IN_00727	01/19/23	07/19/22	Methanol, Lot ED531-US	25 mL	PFC ST 01713	1 mL	13C-6:2 FTCA	2000 ppb
					PFC ST 01714	1 mL	13C-8:2 FTCA	2000 ppb
					PFC ST 01715	1 mL	13C-10:2 FTCA	2000 ppb
					PFC ST 01716	1 mL	13C-6:2 FTUCA	2000 ppb
					PFC ST 01717	1 mL	13C-8:2 FTUCA	2000 ppb
					PFC ST 01718	1 mL	13C-10:2 FTUCA	2000 ppb
..PFC ST 01713	09/29/24		Wellington Laboratories, Lot MFHEA0921		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC ST 01714	11/22/24		Wellington Laboratories, Lot MFOEA1121		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC ST 01715	09/27/24		Wellington Laboratories, Lot MFDEA0921		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC ST 01716	02/18/24		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01717	12/07/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01718	11/23/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
PFC_SS_MODX_00289	09/19/22	07/19/22	Methanol, Lot ED531-US	12.5 mL	PFC_IN_00726	2.5 mL	13C3 PFBS	372 ng/mL
							13C3 PFHxS	378.4 ng/mL
							13C8 PFOS	382.4 ng/mL
							13C4 PFBA	400 ng/mL
							13C5 PFPeA	400 ng/mL
							13C5 PFHxA	400 ng/mL
							13C4 PFHpA	400 ng/mL
							13C8 PFOA	400 ng/mL
							13C9 PFNA	400 ng/mL
							13C6 PFDA	400 ng/mL
							13C7 PFUnA	400 ng/mL
							13C2-PFDoDA	400 ng/mL
							13C2 PFTeDA	400 ng/mL
							13C8 FOSA	400 ng/mL
							d3-NMePFOSA	400 ng/mL
							d5-NEtPFOSA	400 ng/mL
							d7-N-MeFOSE-M	400 ng/mL
							d9-N-EtFOSE-M	400 ng/mL
							d3-NMeFOSAA	400 ng/mL
					d5-NEtFOSAA	400 ng/mL		
					13C3 HFPO-DA	400 ng/mL		
					M2-4:2 FTS	373.6 ng/mL		
					M2-6:2 FTS	380 ng/mL		
					M2-8:2 FTS	383.2 ng/mL		
					PFC_IN_00727	2.5 mL	13C-6:2 FTCA	400 ng/mL
							13C-8:2 FTCA	400 ng/mL
		13C-10:2 FTCA	400 ng/mL					
		13C-6:2 FTUCA	400 ng/mL					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C-8:2 FTUCA	400 ng/mL
							13C-10:2 FTUCA	400 ng/mL
.PFC_IN_00726	01/19/23	07/19/22	Methanol, Lot ED531-US	25 mL	PFC_ST_01689	1 mL	13C3 PFBS	1860 ppb
					PFC_ST_01690	1 mL	13C3 PFHxS	1892 ppb
					PFC_ST_01691	1 mL	13C8 PFOS	1912 ppb
					PFC_ST_01692	1 mL	13C4 PFBA	2000 ppb
					PFC_ST_01693	1 mL	13C5 PFPeA	2000 ppb
					PFC_ST_01694	1 mL	13C5 PFHxA	2000 ppb
					PFC_ST_01695	1 mL	13C4 PFHpA	2000 ppb
					PFC_ST_01696	1 mL	13C8 PFOA	2000 ppb
					PFC_ST_01697	1 mL	13C9 PFNA	2000 ppb
					PFC_ST_01698	1 mL	13C6 PFDA	2000 ppb
					PFC_ST_01699	1 mL	13C7 PFUnA	2000 ppb
					PFC_ST_01700	1 mL	13C2-PFDoDA	2000 ppb
					PFC_ST_01701	1 mL	13C2 PFTeDA	2000 ppb
					PFC_ST_01702	1 mL	13C8 FOSA	2000 ppb
					PFC_ST_01703	1 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01704	1 mL	d5-NetPFOSA	2000 ppb
					PFC_ST_01705	1 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01706	1 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01707	1 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01708	1 mL	d5-NetFOSAA	2000 ppb
					PFC_ST_01709	1 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_01710	1 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01711	1 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01712	1 mL	M2-8:2 FTS	1916 ppb
..PFC_ST_01689	02/07/27	Wellington Laboratories, Lot M3PFBS0222			(Purchased Reagent)		13C3 PFBS	46500 ng/mL
..PFC_ST_01690	12/09/26	Wellington Laboratories, Lot M3PFHxS1221			(Purchased Reagent)		13C3 PFHxS	47300 ng/mL
..PFC_ST_01691	05/19/27	Wellington Laboratories, Lot M8PFOS0522			(Purchased Reagent)		13C8 PFOS	47800 ng/mL
..PFC_ST_01692	05/19/27	Wellington Laboratories, Lot MPFBA0522			(Purchased Reagent)		13C4 PFBA	50000 ng/mL
..PFC_ST_01693	08/10/26	Wellington Laboratories, Lot M5PFPeA0821			(Purchased Reagent)		13C5 PFPeA	50000 ng/mL
..PFC_ST_01694	10/29/26	Wellington Laboratories, Lot M5PFHxA1021			(Purchased Reagent)		13C5 PFHxA	50000 ng/mL
..PFC_ST_01695	12/07/26	Wellington Laboratories, Lot M4PFHpA1121			(Purchased Reagent)		13C4 PFHpA	50000 ng/mL
..PFC_ST_01696	12/07/26	Wellington Laboratories, Lot M8PFOA1221			(Purchased Reagent)		13C8 PFOA	50000 ng/mL
..PFC_ST_01697	02/28/27	Wellington Laboratories, Lot M9PFNA0222			(Purchased Reagent)		13C9 PFNA	50000 ng/mL
..PFC_ST_01698	02/28/27	Wellington Laboratories, Lot M6PFDA0222			(Purchased Reagent)		13C6 PFDA	50000 ng/mL
..PFC_ST_01699	08/18/26	Wellington Laboratories, Lot M7PFUnA0821			(Purchased Reagent)		13C7 PFUnA	50000 ng/mL
..PFC_ST_01700	03/17/27	Wellington Laboratories, Lot MPFDoA0322			(Purchased Reagent)		13C2-PFDoDA	50000 ng/mL
..PFC_ST_01701	05/11/27	Wellington Laboratories, Lot M2PFTeDA0522			(Purchased Reagent)		13C2 PFTeDA	50000 ng/mL
..PFC_ST_01702	06/08/27	Wellington Laboratories, Lot M8FOSA0622I			(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC_ST_01703	05/06/27	Wellington Laboratories, Lot dNMeFOSA0422M			(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01704	03/17/27	Wellington Laboratories, Lot dNetFOSA0322M			(Purchased Reagent)		d5-NetPFOSA	50000 ng/mL
..PFC_ST_01705	01/27/27	Wellington Laboratories, Lot d7NMeFOSE1221M			(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01706	01/27/27	Wellington Laboratories, Lot d9NEtFOSE1221M			(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01707	02/22/27		Wellington Laboratories, Lot d3NMeFOSAA0222		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01708	05/11/27		Wellington Laboratories, Lot d5NEtFOSAA0522		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC ST 01709	05/12/25		Wellington Laboratories, Lot M3HFPODA0522		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC ST 01710	04/22/27		Wellington Laboratories, Lot M242FTS0422		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01711	02/22/27		Wellington Laboratories, Lot M262FTS0222		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC ST 01712	11/23/26		Wellington Laboratories, Lot M282FTS1121		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
.PFC_IN_00727	01/19/23	07/19/22	Methanol, Lot ED531-US	25 mL	PFC ST 01713	1 mL	13C-6:2 FTCA	2000 ppb
					PFC ST 01714	1 mL	13C-8:2 FTCA	2000 ppb
					PFC ST 01715	1 mL	13C-10:2 FTCA	2000 ppb
					PFC ST 01716	1 mL	13C-6:2 FTUCA	2000 ppb
					PFC ST 01717	1 mL	13C-8:2 FTUCA	2000 ppb
					PFC ST 01718	1 mL	13C-10:2 FTUCA	2000 ppb
..PFC ST 01713	09/29/24		Wellington Laboratories, Lot MFHEA0921		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC ST 01714	11/22/24		Wellington Laboratories, Lot MFOEA1121		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC ST 01715	09/27/24		Wellington Laboratories, Lot MFDEA0921		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC ST 01716	02/18/24		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01717	12/07/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01718	11/23/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
PFC_STD_XMOD1_00017	09/29/22	07/21/22	Methanol, Lot 220054	10 mL	PFC_IN_00701	0.05 mL	d5-NEtPFOSA	10 ppb
							13C3 HFPO-DA	10 ppb
							M2-8:2 FTS	9.58 ppb
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NEtFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
					PFC_IN_00703	0.1 mL	PFECA G	0.2 ppb
							PPF Acid	0.2 ppb
							PFMOAA	0.2 ppb
							R-EVE	0.2 ppb
							R-PSDA	0.2 ppb
							Hydrolyzed PSDA	0.2 ppb
							PFO2HxA	0.2 ppb
							NVHOS	0.2 ppb
							PFO3OA	0.2 ppb
							PFO4DA	0.2 ppb
							Hydro-EVE Acid	0.2 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							EVE Acid	0.2 ppb
							R-PSDCA	0.2 ppb
							Hydro-PS Acid	0.2 ppb
							PS Acid	0.2 ppb
							TAF	0.2 ppb
							PMPA	0.2 ppb
							PEPA	0.2 ppb
					PFC_IN_00705	0.1 mL	Perfluorooctadecanoic acid	0.2 ppb
							N-ethylperfluoro-1-octanesulfo namide	0.2 ppb
							NMeFOSA	0.2 ppb
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	0.1916 ppb
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	0.1928 ppb
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	0.2 ppb
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	0.2 ppb
							Perfluorododecanesulfonic acid (PFDoS)	0.1936 ppb
							Perfluorohexadecanoic acid	0.2 ppb
							Perfluorooctanesulfonamide	0.2 ppb
							1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	0.1868 ppb
							1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	0.1896 ppb
							Perfluorobutanoic acid	0.2 ppb
							Perfluoropentanoic acid	0.2 ppb
							Perfluorodecanesulfonic acid	0.1928 ppb
							Perfluoroheptanesulfonic acid	0.1904 ppb
							Perfluorononanesulfonic acid	0.192 ppb
							Perfluoropentanesulfonic acid	0.1876 ppb
							3:3 FTCA	0.2 ppb
							5:3 FTCA	0.2 ppb
							7:3 FTCA	0.2 ppb
							6:2 FTCA	0.2 ppb
							8:2 FTCA	0.2 ppb
							10:2 FTCA	0.2 ppb
							PFECA F	0.2 ppb
							PFECA A	0.2 ppb
							PFECA B	0.2 ppb
							PES	0.178 ppb
							PFECHS	0.1844 ppb
							PFPrS	0.1832 ppb
							6:2 FTUCA	0.2 ppb
							8:2 FTUCA	0.2 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
							10:2 FTUCA	0.2 ppb		
							11Cl-PF30UdS	0.186 ppb		
							9Cl-PF3ONS	0.186 ppb		
							DONA	0.189 ppb		
							HFPODA	0.2 ppb		
							NETFOSAA	0.2 ppb		
							NMeFOSAA	0.2 ppb		
							Perfluorobutanesulfonic acid	0.177 ppb		
							Perfluorodecanoic acid	0.2 ppb		
							Perfluorododecanoic acid	0.2 ppb		
							Perfluoroheptanoic acid	0.2 ppb		
							Perfluorohexanesulfonic acid	0.1824 ppb		
							Perfluorohexanoic acid	0.2 ppb		
							Perfluorononanoic acid	0.2 ppb		
							Perfluorooctanesulfonic acid	0.1851 ppb		
							Perfluorooctanoic acid	0.2 ppb		
							Perfluorotetradecanoic acid	0.2 ppb		
							Perfluorotridecanoic acid	0.2 ppb		
							Perfluoroundecanoic acid	0.2 ppb		
							PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
									13C2-PFDoDA	10 ppb
									13C3 PFBS	9.3 ppb
									13C3 PFHxS	9.46 ppb
									13C4 PFBA	10 ppb
									13C4 PFHpA	10 ppb
									13C5 PFHxA	10 ppb
									13C5 PFPeA	10 ppb
									13C6 PFDA	10 ppb
		13C7 PFUnA	10 ppb							
		13C8 PFOA	10 ppb							
		13C8 PFOS	9.56 ppb							
		13C9 PFNA	10 ppb							
PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb							
		13C2 PFOA	5 ppb							
		13C3-PFBA	5 ppb							
		13C4 PFOS	4.7825 ppb							
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NetPFOSA	2000 ppb		
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb		
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb		
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb		
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb		
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb		
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb		
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb		
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb		
					PFC_ST_01216	0.2 mL	d5-NetFOSAA	2000 ppb		
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb		
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb		

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25		Wellington Laboratories, Lot dNetFOSA1120M		(Purchased Reagent)		d5-NEtPFOSA	50000 ng/mL
..PFC_ST_00984	05/13/24		Wellington Laboratories, Lot M3HFPODA0521		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC_ST_00985	12/17/25		Wellington Laboratories, Lot M282FTS1220		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC_ST_00986	05/14/26		Wellington Laboratories, Lot M262FTS0521		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23		Wellington Laboratories, Lot dNMeFOSA0421M		(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01108	04/04/23		Wellington Laboratories, Lot MFHEA0421		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC_ST_01109	04/04/23		Wellington Laboratories, Lot MFDEA0817		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC_ST_01113	04/04/23		Wellington Laboratories, Lot MFOEA1020		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23		Wellington Laboratories, Lot d3NMeFOSAA0521		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC_ST_01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC_ST_01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC_ST_01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC_ST_01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC_ST_01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
..PFC_IN_00703	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00702	0.05 mL	PFECA G	20 ppb
							PPF Acid	20 ppb
							PFMOAA	20 ppb
							R-EVE	20 ppb
							R-PSDA	20 ppb
							Hydrolyzed PSDA	20 ppb
							PFO2HxA	20 ppb
							NVHOS	20 ppb
							PFO3OA	20 ppb
							PFO4DA	20 ppb
							Hydro-EVE Acid	20 ppb
							EVE Acid	20 ppb
							R-PSDCA	20 ppb
							Hydro-PS Acid	20 ppb
							PS Acid	20 ppb
							TAF	20 ppb
							PMPA	20 ppb
							PEPA	20 ppb
..PFC_IN_00702	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
...PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb
					PFC_ST_00329	0.1 mL	PPF Acid	10000 ppb
					PFC_ST_01117	0.1 mL	PFM0AA	10000 ppb
					PFC_ST_01118	0.1 mL	R-EVE	10000 ppb
					PFC_ST_01119	0.1 mL	R-PSDA	10000 ppb
					PFC_ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC_ST_01121	0.1 mL	PFO2HxA	10000 ppb
					PFC_ST_01122	0.1 mL	NVHOS	10000 ppb
					PFC_ST_01124	0.1 mL	PFO3OA	10000 ppb
					PFC_ST_01127	0.1 mL	PFO4DA	10000 ppb
					PFC_ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC_ST_01133	0.1 mL	TAF	10000 ppb
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb
....PFC_ST_00199	02/26/23		Chemours, Lot N/A				(Purchased Reagent) PFECA G	1000000 ug/L
....PFC_ST_00329	02/26/23		Chemours, Lot N/A				(Purchased Reagent) PPF Acid	1000000 ug/L
....PFC_ST_01117	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFM0AA	1000000 ug/L
....PFC_ST_01118	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-EVE	1000000 ug/L
....PFC_ST_01119	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-PSDA	1000000 ug/L
....PFC_ST_01120	10/13/22		Chemours, Lot N/A				(Purchased Reagent) Hydrolyzed PSDA	1000000 ug/L
....PFC_ST_01121	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO2HxA	1000000 ug/L
....PFC_ST_01122	10/13/22		Chemours, Lot N/A				(Purchased Reagent) NVHOS	1000000 ug/L
....PFC_ST_01124	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO3OA	1000000 ug/L
....PFC_ST_01127	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO4DA	1000000 ug/L
....PFC_ST_01128	10/13/22		Chemours, Lot N/A				(Purchased Reagent) Hydro-EVE Acid	1000000 ug/L
....PFC_ST_01129	10/13/22		Chemours, Lot N/A				(Purchased Reagent) EVE Acid	1000000 ug/L
....PFC_ST_01130	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-PSDCA	1000000 ug/L
....PFC_ST_01131	10/13/22		Chemours, Lot N/A				(Purchased Reagent) Hydro-PS Acid	1000000 ug/L
....PFC_ST_01132	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PS Acid	1000000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
....PFC ST 01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
....PFC ST 01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
....PFC ST 01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_IN_00705	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00704	0.2 mL	Perfluorooctadecanoic acid	20 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	20 ng/mL
							NMeFOSA	20 ng/mL
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	19.16 ng/mL
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	19.28 ng/mL
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	20 ng/mL
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	20 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	19.36 ng/mL
							Perfluorohexadecanoic acid	20 ng/mL
							Perfluorooctanesulfonamide	20 ng/mL
							1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	18.68 ng/mL
							1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	18.96 ng/mL
							Perfluorobutanoic acid	20 ng/mL
							Perfluoropentanoic acid	20 ng/mL
							Perfluorodecanesulfonic acid	19.28 ng/mL
							Perfluoroheptanesulfonic acid	19.04 ng/mL
							Perfluorononanesulfonic acid	19.2 ng/mL
							Perfluoropentanesulfonic acid	18.76 ng/mL
							3:3 FTCA	20 ng/mL
							5:3 FTCA	20 ng/mL
							7:3 FTCA	20 ng/mL
							6:2 FTCA	20 ng/mL
							8:2 FTCA	20 ng/mL
							10:2 FTCA	20 ng/mL
							PFECA F	20 ng/mL
							PFECA A	20 ng/mL
							PFECA B	20 ng/mL
							PES	17.8 ng/mL
							PFECHS	18.44 ng/mL
							PFPrS	18.32 ng/mL
							6:2 FTUCA	20 ng/mL
							8:2 FTUCA	20 ng/mL
							10:2 FTUCA	20 ng/mL
							11Cl-PF30Uds	18.6 ng/mL
							9Cl-PF3ONS	18.6 ng/mL
							DONA	18.9 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							HFPODA	20 ng/mL
							NETFOSAA	20 ng/mL
							NMeFOSAA	20 ng/mL
							Perfluorobutanesulfonic acid	17.7 ng/mL
							Perfluorodecanoic acid	20 ng/mL
							Perfluorododecanoic acid	20 ng/mL
							Perfluoroheptanoic acid	20 ng/mL
							Perfluorohexanesulfonic acid	18.24 ng/mL
							Perfluorohexanoic acid	20 ng/mL
							Perfluorononanoic acid	20 ng/mL
							Perfluorooctanesulfonic acid	18.51 ng/mL
							Perfluorooctanoic acid	20 ng/mL
							Perfluorotetradecanoic acid	20 ng/mL
							Perfluorotridecanoic acid	20 ng/mL
Perfluoroundecanoic acid	20 ng/mL							
..PFC_IN_00704	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00699	1.25 mL	Perfluorooctadecanoic acid	500 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	500 ng/mL
							NMeFOSA	500 ng/mL
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	479 ng/mL
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	482 ng/mL
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	484 ng/mL
							Perfluorohexadecanoic acid	500 ng/mL
							Perfluorooctanesulfonamide	500 ng/mL
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	467 ng/mL
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	474 ng/mL
							Perfluorobutanoic acid	500 ng/mL
							Perfluoropentanoic acid	500 ng/mL
							Perfluorodecanesulfonic acid	482 ng/mL
							Perfluoroheptanesulfonic acid	476 ng/mL
							Perfluorononanesulfonic acid	480 ng/mL
							Perfluoropentanesulfonic acid	469 ng/mL
					PFC_IN_00700	1.25 mL	3:3 FTCA	500 ng/mL
					5:3 FTCA		500 ng/mL	
					7:3 FTCA		500 ng/mL	
					6:2 FTCA		500 ng/mL	
					8:2 FTCA		500 ng/mL	
					10:2 FTCA		500 ng/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PFECA F	500 ng/mL
							PFECA A	500 ng/mL
							PFECA B	500 ng/mL
							PES	445 ng/mL
							PFECHS	461 ng/mL
							PFPPrS	458 ng/mL
							6:2 FTUCA	500 ng/mL
							8:2 FTUCA	500 ng/mL
							10:2 FTUCA	500 ng/mL
							PFC_ST_01549	1.25 mL
							9Cl-PF3ONS	465 ng/mL
							DONA	472.5 ng/mL
							HFPODA	500 ng/mL
							NETFOSAA	500 ng/mL
							NMeFOSAA	500 ng/mL
							Perfluorobutanesulfonic acid	442.5 ng/mL
							Perfluorodecanoic acid	500 ng/mL
							Perfluorododecanoic acid	500 ng/mL
							Perfluoroheptanoic acid	500 ng/mL
							Perfluorohexanesulfonic acid	456 ng/mL
		Perfluorohexanoic acid	500 ng/mL					
		Perfluorononanoic acid	500 ng/mL					
		Perfluorooctanesulfonic acid	462.75 ng/mL					
		Perfluorooctanoic acid	500 ng/mL					
		Perfluorotetradecanoic acid	500 ng/mL					
		Perfluorotridecanoic acid	500 ng/mL					
		Perfluoroundecanoic acid	500 ng/mL					
...PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfo namide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2- (N-methylperfluoro-1-octanesul fonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC_ST_01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC_ST_01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	1896 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC_ST_01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC_ST_01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC_ST_01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC_ST_01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC_ST_01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
....PFC_ST_00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
....PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
....PFC_ST_00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
....PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
....PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
....PFC_ST_01073	06/02/26	Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01082	06/02/26	Wellington Laboratories, Lot NMeFOSE0521M			(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01224	02/16/23	Wellington Laboratories, Lot LPFDoS0721			(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
....PFC_ST_01226	05/07/26	Wellington Laboratories, Lot PFHxDA0421			(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
....PFC_ST_01227	08/10/26	Wellington Laboratories, Lot FOSA0721I			(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
....PFC_ST_01228	10/04/26	Wellington Laboratories, Lot 42FTS0921			(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
....PFC_ST_01229	06/09/26	Wellington Laboratories, Lot 62FTS0521			(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
....PFC_ST_01232	10/04/26	Wellington Laboratories, Lot PFBA1021			(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
....PFC_ST_01233	08/10/26	Wellington Laboratories, Lot PFPeA0721			(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
....PFC_ST_01234	08/19/26	Wellington Laboratories, Lot LPFDS0821			(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
....PFC_ST_01235	07/09/26	Wellington Laboratories, Lot LPFHps0721			(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
....PFC_ST_01236	10/19/26	Wellington Laboratories, Lot LPFNS1021			(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
....PFC_ST_01237	07/12/26	Wellington Laboratories, Lot LPFPeS0721			(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
...PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC_ST_01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC_ST_01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC_ST_01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC_ST_01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC_ST_01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC_ST_01103	0.2 mL	PFECA F	2000 ppb
					PFC_ST_01104	0.2 mL	PFECA A	2000 ppb
					PFC_ST_01105	0.2 mL	PFECA B	2000 ppb
					PFC_ST_01106	0.2 mL	PES	1780 ppb
					PFC_ST_01107	0.2 mL	PFECHS	1844 ppb
					PFC_ST_01223	0.2 mL	PFPPrS	1832 ppb
					PFC_ST_01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC_ST_01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC_ST_01369	0.2 mL	10:2 FTUCA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
....PFC ST 01094	11/12/25		Wellington Laboratories, Lot FPrPA1020		(Purchased Reagent)		3:3 FTCA	50000 ng/mL
....PFC ST 01095	11/11/25		Wellington Laboratories, Lot FPePA1120		(Purchased Reagent)		5:3 FTCA	50000 ng/mL
....PFC ST 01096	11/12/25		Wellington Laboratories, Lot FHpPA1020		(Purchased Reagent)		7:3 FTCA	50000 ng/mL
....PFC ST 01097	03/08/24		Wellington Laboratories, Lot FHEA0321		(Purchased Reagent)		6:2 FTCA	50000 ng/mL
....PFC ST 01098	08/18/24		Wellington Laboratories, Lot FOEA0821		(Purchased Reagent)		8:2 FTCA	50000 ng/mL
....PFC ST 01099	07/07/23		Wellington Laboratories, Lot FDEA0720		(Purchased Reagent)		10:2 FTCA	50000 ng/mL
....PFC ST 01103	03/31/25		Wellington Laboratories, Lot PF40PeA0320		(Purchased Reagent)		PFECA F	50000 ng/mL
....PFC ST 01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320		(Purchased Reagent)		PFECA A	50000 ng/mL
....PFC ST 01105	03/31/25		Wellington Laboratories, Lot 360PFHpA0320		(Purchased Reagent)		PFECA B	50000 ng/mL
....PFC ST 01106	05/13/25		Wellington Laboratories, Lot PFEEA0520		(Purchased Reagent)		PES	44500 ppb
....PFC ST 01107	04/06/26		Wellington Laboratoires, Lot PFECHS0421		(Purchased Reagent)		PFECHS	46100 ppb
....PFC ST 01223	07/12/26		Wellington Laboratories, Lot LPFPrS0721		(Purchased Reagent)		PFPrS	45800 ppb
....PFC ST 01367	09/03/23		Wellington Laboratories, Lot FHUEA0921		(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
....PFC ST 01368	03/29/23		Wellington Laboratories, Lot FOUEA0321		(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
....PFC ST 01369	03/29/23		Wellington Laboratories, Lot FDUEA1021		(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
...PFC_ST_01549	06/01/24		Wellington Laboratories, Lot 537PDSR10521		(Purchased Reagent)		11Cl-PF30Uds	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NETFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
.PFC_ST_01219	01/13/26		Wellington Laboratories, Lot MPFACCES0121		(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26		Wellington Laboratories, Lot MPFACCIS0516		(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
PFC_STD_XMOD2_00017	09/29/22	07/21/22	Methanol, Lot 220054	10 mL	PFC_IN_00701	0.05 mL	d5-NETPFOSA	10 ppb
							13C3 HFPO-DA	10 ppb
							M2-8:2 FTS	9.58 ppb
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NETFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
							PFC_IN_00703	0.25 mL
					PPF Acid	0.5 ppb		
					PFMOAA	0.5 ppb		
					R-EVE	0.5 ppb		
					R-PSDA	0.5 ppb		
					Hydrolyzed PSDA	0.5 ppb		
					PFO2HxA	0.5 ppb		
					NVHOS	0.5 ppb		
					PFO3OA	0.5 ppb		
					PFO4DA	0.5 ppb		
					Hydro-EVE Acid	0.5 ppb		
					EVE Acid	0.5 ppb		
					R-PSDCA	0.5 ppb		
					Hydro-PS Acid	0.5 ppb		
					PS Acid	0.5 ppb		
					TAF	0.5 ppb		
PMPA	0.5 ppb							
PEPA	0.5 ppb							
PFC_IN_00705	0.25 mL	Perfluorooctadecanoic acid	0.5 ppb					
		N-ethylperfluoro-1-octanesulfo namide	0.5 ppb					
		NMeFOSA	0.5 ppb					
		1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	0.479 ppb					
		1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	0.482 ppb					
		2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	0.5 ppb					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	0.5 ppb
							Perfluorododecanesulfonic acid (PFDoS)	0.484 ppb
							Perfluorohexadecanoic acid	0.5 ppb
							Perfluorooctanesulfonamide	0.5 ppb
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	0.467 ppb
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	0.474 ppb
							Perfluorobutanoic acid	0.5 ppb
							Perfluoropentanoic acid	0.5 ppb
							Perfluorodecanesulfonic acid	0.482 ppb
							Perfluoroheptanesulfonic acid	0.476 ppb
							Perfluorononanesulfonic acid	0.48 ppb
							Perfluoropentanesulfonic acid	0.469 ppb
							3:3 FTCA	0.5 ppb
							5:3 FTCA	0.5 ppb
							7:3 FTCA	0.5 ppb
							6:2 FTCA	0.5 ppb
							8:2 FTCA	0.5 ppb
							10:2 FTCA	0.5 ppb
							PFECA F	0.5 ppb
							PFECA A	0.5 ppb
							PFECA B	0.5 ppb
							PES	0.445 ppb
							PFECHS	0.461 ppb
							PFPrS	0.458 ppb
							6:2 FTUCA	0.5 ppb
							8:2 FTUCA	0.5 ppb
							10:2 FTUCA	0.5 ppb
							11Cl-PF30Uds	0.465 ppb
							9Cl-PF3ONS	0.465 ppb
							DONA	0.4725 ppb
							HFPODA	0.5 ppb
							NEtFOSAA	0.5 ppb
							NMeFOSAA	0.5 ppb
							Perfluorobutanesulfonic acid	0.4425 ppb
							Perfluorodecanoic acid	0.5 ppb
							Perfluorododecanoic acid	0.5 ppb
							Perfluoroheptanoic acid	0.5 ppb
							Perfluorohexanesulfonic acid	0.456 ppb
							Perfluorohexanoic acid	0.5 ppb
							Perfluorononanoic acid	0.5 ppb
							Perfluorooctanesulfonic acid	0.46275 ppb
							Perfluorooctanoic acid	0.5 ppb
							Perfluorotetradecanoic acid	0.5 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration		
					Reagent ID	Volume Added				
							Perfluorotridecanoic acid	0.5 ppb		
							Perfluoroundecanoic acid	0.5 ppb		
							PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
							13C2-PFDoDA		10 ppb	
							13C3 PFBS		9.3 ppb	
							13C3 PFHxS		9.46 ppb	
							13C4 PFBA		10 ppb	
							13C4 PFHpA		10 ppb	
							13C5 PFHxA		10 ppb	
							13C5 PFPeA		10 ppb	
							13C6 PFDA		10 ppb	
							13C7 PFUnA		10 ppb	
							13C8 PFOA		10 ppb	
							13C8 PFOS	9.56 ppb		
							13C9 PFNA	10 ppb		
							PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb
							13C2 PFOA		5 ppb	
13C3-PFBA	5 ppb									
13C4 PFOS	4.7825 ppb									
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NetPFOSA	2000 ppb		
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb		
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb		
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb		
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb		
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb		
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb		
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb		
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb		
					PFC_ST_01216	0.2 mL	d5-NetFOSAA	2000 ppb		
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb		
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb		
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb		
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb		
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb		
PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb							
PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb							
..PFC_ST_00981	11/23/25	Wellington Laboratories, Lot dNetFOSA1120M			(Purchased Reagent)	d5-NetPFOSA	50000 ng/mL			
..PFC ST 00984	05/13/24	Wellington Laboratories, Lot M3HFPODA0521			(Purchased Reagent)	13C3 HFPO-DA	50000 ng/mL			
..PFC ST 00985	12/17/25	Wellington Laboratories, Lot M282FTS1220			(Purchased Reagent)	M2-8:2 FTS	47900 ng/mL			
..PFC ST 00986	05/14/26	Wellington Laboratories, Lot M262FTS0521			(Purchased Reagent)	M2-6:2 FTS	47500 ng/mL			
..PFC_ST_01081	04/04/23	Wellington Laboratories, Lot dNMeFOSA0421M			(Purchased Reagent)	d3-NMePFOSA	50000 ng/mL			
..PFC ST 01108	04/04/23	Wellington Laboratories, Lot MFHEA0421			(Purchased Reagent)	13C-6:2 FTCA	50000 ppb			
..PFC ST 01109	04/04/23	Wellington Laboratories, Lot MFDEA0817			(Purchased Reagent)	13C-10:2 FTCA	50000 ppb			
..PFC ST 01113	04/04/23	Wellington Laboratories, Lot MFOEA1020			(Purchased Reagent)	13C-8:2 FTCA	50000 ppb			
..PFC_ST_01215	04/04/23	Wellington Laboratories, Lot d3NMeFOSAA0521			(Purchased Reagent)	d3-NMeFOSAA	50000 ng/mL			

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00703	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00702	0.05 mL	PFECA G	20 ppb
							PPF Acid	20 ppb
							PFMOAA	20 ppb
							R-EVE	20 ppb
							R-PSDA	20 ppb
							Hydrolyzed PSDA	20 ppb
							PFO2HxA	20 ppb
							NVHOS	20 ppb
							PFO3OA	20 ppb
							PFO4DA	20 ppb
							Hydro-EVE Acid	20 ppb
							EVE Acid	20 ppb
							R-PSDCA	20 ppb
							Hydro-PS Acid	20 ppb
							PS Acid	20 ppb
							TAF	20 ppb
							PMPA	20 ppb
							PEPA	20 ppb
..PFC_IN_00702	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
...PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC ST_00329	0.1 mL	PPF Acid	10000 ppb
					PFC ST_01117	0.1 mL	PFMOAA	10000 ppb
					PFC ST_01118	0.1 mL	R-EVE	10000 ppb
					PFC ST_01119	0.1 mL	R-PSDA	10000 ppb
					PFC ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC ST_01121	0.1 mL	PFO2HxA	10000 ppb
					PFC ST_01122	0.1 mL	NVHOS	10000 ppb
					PFC ST_01124	0.1 mL	PFO3OA	10000 ppb
					PFC ST_01127	0.1 mL	PFO4DA	10000 ppb
					PFC ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC ST_01129	0.1 mL	EVE Acid	10000 ppb
					PFC ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC ST_01133	0.1 mL	TAF	10000 ppb
					PFC ST_01134	0.1 mL	PMPA	10000 ppb
					PFC ST_01135	0.1 mL	PEPA	10000 ppb
....PFC_ST_00199	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PFECA G	1000000 ug/L
....PFC_ST_00329	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PPF Acid	1000000 ug/L
....PFC_ST_01117	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFMOAA	1000000 ug/L
....PFC_ST_01118	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-EVE	1000000 ug/L
....PFC_ST_01119	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDA	1000000 ug/L
....PFC_ST_01120	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydrolyzed PSDA	1000000 ug/L
....PFC_ST_01121	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO2HxA	1000000 ug/L
....PFC_ST_01122	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		NVHOS	1000000 ug/L
....PFC_ST_01124	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO3OA	1000000 ug/L
....PFC_ST_01127	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO4DA	1000000 ug/L
....PFC_ST_01128	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-EVE Acid	1000000 ug/L
....PFC_ST_01129	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		EVE Acid	1000000 ug/L
....PFC_ST_01130	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDCA	1000000 ug/L
....PFC_ST_01131	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-PS Acid	1000000 ug/L
....PFC_ST_01132	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PS Acid	1000000 ug/L
....PFC_ST_01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
....PFC_ST_01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
....PFC_ST_01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_IN_00705	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00704	0.2 mL	Perfluorooctadecanoic acid	20 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	20 ng/mL
							NMeFOSA	20 ng/mL
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	19.16 ng/mL
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	19.28 ng/mL
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	20 ng/mL
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	20 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorododecanesulfonic acid (PFDoS)	19.36 ng/mL
							Perfluorohexadecanoic acid	20 ng/mL
							Perfluorooctanesulfonamide	20 ng/mL
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	18.68 ng/mL
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	18.96 ng/mL
							Perfluorobutanoic acid	20 ng/mL
							Perfluoropentanoic acid	20 ng/mL
							Perfluorodecanesulfonic acid	19.28 ng/mL
							Perfluoroheptanesulfonic acid	19.04 ng/mL
							Perfluorononanesulfonic acid	19.2 ng/mL
							Perfluoropentanesulfonic acid	18.76 ng/mL
							3:3 FTCA	20 ng/mL
							5:3 FTCA	20 ng/mL
							7:3 FTCA	20 ng/mL
							6:2 FTCA	20 ng/mL
							8:2 FTCA	20 ng/mL
							10:2 FTCA	20 ng/mL
							PFECA F	20 ng/mL
							PFECA A	20 ng/mL
							PFECA B	20 ng/mL
							PES	17.8 ng/mL
							PFECHS	18.44 ng/mL
							PFPrS	18.32 ng/mL
							6:2 FTUCA	20 ng/mL
							8:2 FTUCA	20 ng/mL
							10:2 FTUCA	20 ng/mL
							11Cl-PF3OUds	18.6 ng/mL
							9Cl-PF3ONS	18.6 ng/mL
							DONA	18.9 ng/mL
							HFPODA	20 ng/mL
							NEtFOSAA	20 ng/mL
							NMeFOSAA	20 ng/mL
							Perfluorobutanesulfonic acid	17.7 ng/mL
							Perfluorodecanoic acid	20 ng/mL
							Perfluorododecanoic acid	20 ng/mL
							Perfluoroheptanoic acid	20 ng/mL
							Perfluorohexanesulfonic acid	18.24 ng/mL
							Perfluorohexanoic acid	20 ng/mL
							Perfluorononanoic acid	20 ng/mL
							Perfluorooctanesulfonic acid	18.51 ng/mL
							Perfluorooctanoic acid	20 ng/mL
							Perfluorotetradecanoic acid	20 ng/mL
							Perfluorotridecanoic acid	20 ng/mL
							Perfluoroundecanoic acid	20 ng/mL
..PFC_IN_00704	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00699	1.25 mL	Perfluorooctadecanoic acid	500 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-ethylperfluoro-1-octanesulfonamide	500 ng/mL
							NMeFOSA	500 ng/mL
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	479 ng/mL
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	482 ng/mL
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	484 ng/mL
							Perfluorohexadecanoic acid	500 ng/mL
							Perfluorooctanesulfonamide	500 ng/mL
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	467 ng/mL
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	474 ng/mL
							Perfluorobutanoic acid	500 ng/mL
							Perfluoropentanoic acid	500 ng/mL
							Perfluorodecanesulfonic acid	482 ng/mL
							Perfluoroheptanesulfonic acid	476 ng/mL
							Perfluorononanesulfonic acid	480 ng/mL
							Perfluoropentanesulfonic acid	469 ng/mL
					PFC_IN_00700	1.25 mL	3:3 FTCA	500 ng/mL
							5:3 FTCA	500 ng/mL
							7:3 FTCA	500 ng/mL
							6:2 FTCA	500 ng/mL
							8:2 FTCA	500 ng/mL
							10:2 FTCA	500 ng/mL
							PFECA F	500 ng/mL
							PFECA A	500 ng/mL
							PFECA B	500 ng/mL
							PES	445 ng/mL
							PFECHS	461 ng/mL
							PFPrS	458 ng/mL
							6:2 FTUCA	500 ng/mL
							8:2 FTUCA	500 ng/mL
							10:2 FTUCA	500 ng/mL
					PFC_ST_01549	1.25 mL	11Cl-PF30Uds	465 ng/mL
							9Cl-PF3ONS	465 ng/mL
							DONA	472.5 ng/mL
							HFPODA	500 ng/mL
							NETFOSAA	500 ng/mL
							NMeFOSAA	500 ng/mL
							Perfluorobutanesulfonic acid	442.5 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorodecanoic acid	500 ng/mL
							Perfluorododecanoic acid	500 ng/mL
							Perfluoroheptanoic acid	500 ng/mL
							Perfluorohexanesulfonic acid	456 ng/mL
							Perfluorohexanoic acid	500 ng/mL
							Perfluorononanoic acid	500 ng/mL
							Perfluorooctanesulfonic acid	462.75 ng/mL
							Perfluorooctanoic acid	500 ng/mL
							Perfluorotetradecanoic acid	500 ng/mL
							Perfluorotridecanoic acid	500 ng/mL
							Perfluoroundecanoic acid	500 ng/mL
...PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC_ST_01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC_ST_01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC_ST_01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC_ST_01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC_ST_01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC_ST_01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC_ST_01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC_ST_01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
....PFC_ST_00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
....PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
....PFC_ST_00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
....PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
....PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
....PFC_ST_01073	06/02/26		Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01082	06/02/26		Wellington Laboratories, Lot NMEFOSE0521M			(Purchased Reagent)	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01224	02/16/23		Wellington Laboratories, Lot LPFDoS0721			(Purchased Reagent)	Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
....PFC ST 01226	05/07/26		Wellington Laboratories, Lot PFHxDA0421			(Purchased Reagent)	Perfluorohexadecanoic acid	50000 ng/mL
....PFC ST 01227	08/10/26		Wellington Laboratories, Lot FOSA0721I			(Purchased Reagent)	Perfluorooctanesulfonamide	50000 ng/mL
....PFC_ST_01228	10/04/26		Wellington Laboratories, Lot 42FTS0921			(Purchased Reagent)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
....PFC_ST_01229	06/09/26		Wellington Laboratories, Lot 62FTS0521			(Purchased Reagent)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
....PFC ST 01232	10/04/26		Wellington Laboratories, Lot PFBA1021			(Purchased Reagent)	Perfluorobutanoic acid	50000 ng/mL
....PFC ST 01233	08/10/26		Wellington Laboratories, Lot PFPeA0721			(Purchased Reagent)	Perfluoropentanoic acid	50000 ng/mL
....PFC ST 01234	08/19/26		Wellington Laboratories, Lot LPFDS0821			(Purchased Reagent)	Perfluorodecanesulfonic acid	48200 ng/mL
....PFC ST 01235	07/09/26		Wellington Laboratories, Lot LPFHpS0721			(Purchased Reagent)	Perfluoroheptanesulfonic acid	47600 ng/mL
....PFC ST 01236	10/19/26		Wellington Laboratories, Lot LPFNS1021			(Purchased Reagent)	Perfluorononanesulfonic acid	48000 ng/mL
....PFC ST 01237	07/12/26		Wellington Laboratories, Lot LPFPeS0721			(Purchased Reagent)	Perfluoropentanesulfonic acid	46900 ng/mL
...PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC ST 01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC ST 01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC ST 01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC ST 01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC ST 01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC ST 01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC ST 01103	0.2 mL	PFECA F	2000 ppb
					PFC ST 01104	0.2 mL	PFECA A	2000 ppb
					PFC ST 01105	0.2 mL	PFECA B	2000 ppb
					PFC ST 01106	0.2 mL	PES	1780 ppb
					PFC ST 01107	0.2 mL	PFECHS	1844 ppb
					PFC ST 01223	0.2 mL	PFPrS	1832 ppb
					PFC ST 01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC ST 01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC ST 01369	0.2 mL	10:2 FTUCA	2000 ppb
....PFC ST 01094	11/12/25		Wellington Laboratories, Lot FPrPA1020			(Purchased Reagent)	3:3 FTCA	50000 ng/mL
....PFC ST 01095	11/11/25		Wellington Laboratories, Lot FPePA1120			(Purchased Reagent)	5:3 FTCA	50000 ng/mL
....PFC ST 01096	11/12/25		Wellington Laboratories, Lot FHpPA1020			(Purchased Reagent)	7:3 FTCA	50000 ng/mL
....PFC ST 01097	03/08/24		Wellington Laboratories, Lot FHEA0321			(Purchased Reagent)	6:2 FTCA	50000 ng/mL
....PFC ST 01098	08/18/24		Wellington Laboratories, Lot FOEA0821			(Purchased Reagent)	8:2 FTCA	50000 ng/mL
....PFC ST 01099	07/07/23		Wellington Laboratories, Lot FDEA0720			(Purchased Reagent)	10:2 FTCA	50000 ng/mL
....PFC ST 01103	03/31/25		Wellington Laboratories, Lot PF40PeA0320			(Purchased Reagent)	PFECA F	50000 ng/mL
....PFC ST 01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320			(Purchased Reagent)	PFECA A	50000 ng/mL
....PFC ST 01105	03/31/25		Wellington Laboratories, Lot 36OPFHpA0320			(Purchased Reagent)	PFECA B	50000 ng/mL
....PFC ST 01106	05/13/25		Wellington Laboratories, Lot PFEEESA0520			(Purchased Reagent)	PES	44500 ppb
....PFC ST 01107	04/06/26		Wellington Laboratoires, Lot PFECHS0421			(Purchased Reagent)	PFECHS	46100 ppb
....PFC ST 01223	07/12/26		Wellington Laboratories, Lot LPFPrS0721			(Purchased Reagent)	PFPrS	45800 ppb
....PFC ST 01367	09/03/23		Wellington Laboratories, Lot FHUEA0921			(Purchased Reagent)	6:2 FTUCA	50000 ng/mL
....PFC ST 01368	03/29/23		Wellington Laboratories, Lot FOUEA0321			(Purchased Reagent)	8:2 FTUCA	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...PFC_ST_01369	03/29/23		Wellington Laboratories, Lot FDUEA1021			(Purchased Reagent)	10:2 FTUCA	50000 ng/mL
...PFC_ST_01549	06/01/24		Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)	11Cl-PF3OUdS	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NETFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
.PFC_ST_01219	01/13/26		Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)	13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26		Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)	13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
PFC_STD_XMOD3_00019	09/29/22	07/21/22	Methanol, Lot 220054	10 mL	PFC_IN_00701	0.05 mL	d5-NETPFOSA	10 ppb
							13C3 HFPO-DA	10 ppb
							M2-8:2 FTS	9.58 ppb
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NETFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
					PFC_IN_00703	1 mL	PFECA G	2 ppb
							PPF Acid	2 ppb
							PFMOAA	2 ppb
							R-EVE	2 ppb
							R-PSDA	2 ppb
							Hydrolyzed PSDA	2 ppb
							PFO2HxA	2 ppb
							NVHOS	2 ppb
							PFO3OA	2 ppb
							PFO4DA	2 ppb
							Hydro-EVE Acid	2 ppb
							EVE Acid	2 ppb
							R-PSDCA	2 ppb
							Hydro-PS Acid	2 ppb
							PS Acid	2 ppb
							TAF	2 ppb
							PMPA	2 ppb
							PEPA	2 ppb
					PFC_IN_00705	1 mL	Perfluorooctadecanoic acid	2 ppb
							N-ethylperfluoro-1-octanesulfo namide	2 ppb
							NMeFOSA	2 ppb
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	1.916 ppb
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	1.928 ppb
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	2 ppb
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	2 ppb
							Perfluorododecanesulfonic acid (PFDoS)	1.936 ppb
							Perfluorohexadecanoic acid	2 ppb
							Perfluorooctanesulfonamide	2 ppb
							1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	1.868 ppb
							1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	1.896 ppb
							Perfluorobutanoic acid	2 ppb
							Perfluoropentanoic acid	2 ppb
							Perfluorodecanesulfonic acid	1.928 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluoroheptanesulfonic acid	1.904 ppb
							Perfluorononanesulfonic acid	1.92 ppb
							Perfluoropentanesulfonic acid	1.876 ppb
							3:3 FTCA	2 ppb
							5:3 FTCA	2 ppb
							7:3 FTCA	2 ppb
							6:2 FTCA	2 ppb
							8:2 FTCA	2 ppb
							10:2 FTCA	2 ppb
							PFECA F	2 ppb
							PFECA A	2 ppb
							PFECA B	2 ppb
							PES	1.78 ppb
							PFECHS	1.844 ppb
							PFPPrS	1.832 ppb
							6:2 FTUCA	2 ppb
							8:2 FTUCA	2 ppb
							10:2 FTUCA	2 ppb
							11Cl-PF3OUds	1.86 ppb
							9Cl-PF3ONS	1.86 ppb
							DONA	1.89 ppb
							HFPODA	2 ppb
							NEtFOSAA	2 ppb
							NMeFOSAA	2 ppb
							Perfluorobutanesulfonic acid	1.77 ppb
							Perfluorodecanoic acid	2 ppb
							Perfluorododecanoic acid	2 ppb
							Perfluoroheptanoic acid	2 ppb
							Perfluorohexanesulfonic acid	1.824 ppb
							Perfluorohexanoic acid	2 ppb
							Perfluorononanoic acid	2 ppb
							Perfluorooctanesulfonic acid	1.851 ppb
							Perfluorooctanoic acid	2 ppb
							Perfluorotetradecanoic acid	2 ppb
							Perfluorotridecanoic acid	2 ppb
							Perfluoroundecanoic acid	2 ppb
					PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
							13C2-PFDoDA	10 ppb
							13C3 PFBS	9.3 ppb
							13C3 PFHxS	9.46 ppb
							13C4 PFBA	10 ppb
							13C4 PFHpA	10 ppb
							13C5 PFHxA	10 ppb
							13C5 PFPeA	10 ppb
							13C6 PFDA	10 ppb
							13C7 PFUnA	10 ppb
							13C8 PFOA	10 ppb
							13C8 PFOS	9.56 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C9 PFNA	10 ppb
					PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb
							13C2 PFOA	5 ppb
							13C3-PFBA	5 ppb
							13C4 PFOS	4.7825 ppb
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NetPFOSA	2000 ppb
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01216	0.2 mL	d5-NetFOSAA	2000 ppb
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25	Wellington Laboratories, Lot dNetFOSA1120M			(Purchased Reagent)		d5-NetPFOSA	50000 ng/mL
..PFC ST 00984	05/13/24	Wellington Laboratories, Lot M3HFPODA0521			(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC ST 00985	12/17/25	Wellington Laboratories, Lot M282FTS1220			(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC ST 00986	05/14/26	Wellington Laboratories, Lot M262FTS0521			(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23	Wellington Laboratories, Lot dNMeFOSA0421M			(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC ST 01108	04/04/23	Wellington Laboratories, Lot MFHEA0421			(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC ST 01109	04/04/23	Wellington Laboratories, Lot MFDEA0817			(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC ST 01113	04/04/23	Wellington Laboratories, Lot MFOEA1020			(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23	Wellington Laboratories, Lot d3NMeFOSAA0521			(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23	Wellington Laboratories, Lot d5NetFOSAA0921			(Purchased Reagent)		d5-NetFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23	Wellington Laboratories, Lot d7NMeFOSE1220M			(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23	Wellington Laboratories, Lot d9NetFOSE1220M			(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26	Wellington Laboratories, Lot M8FOSA0921I			(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26	Wellington Laboratories, Lot M242FTS01021			(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23	Wellington Laboratories, Lot MFHUEA0322			(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23	Wellington Laboratories, Lot MFOUEA1121			(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23	Wellington Laboratories, Lot MFDUEA1221			(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00703	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00702	0.05 mL	PFCA G	20 ppb
							PPF Acid	20 ppb
							PFMOAA	20 ppb
							R-EVE	20 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							R-PSDA	20 ppb
							Hydrolyzed PSDA	20 ppb
							PFO2HxA	20 ppb
							NVHOS	20 ppb
							PFO3OA	20 ppb
							PFO4DA	20 ppb
							Hydro-EVE Acid	20 ppb
							EVE Acid	20 ppb
							R-PSDCA	20 ppb
							Hydro-PS Acid	20 ppb
							PS Acid	20 ppb
							TAF	20 ppb
							PMPA	20 ppb
							PEPA	20 ppb
..PFC_IN_00702	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
...PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb
					PFC_ST_00329	0.1 mL	PPF Acid	10000 ppb
					PFC_ST_01117	0.1 mL	PFMOAA	10000 ppb
					PFC_ST_01118	0.1 mL	R-EVE	10000 ppb
					PFC_ST_01119	0.1 mL	R-PSDA	10000 ppb
					PFC_ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC_ST_01121	0.1 mL	PFO2HxA	10000 ppb
					PFC_ST_01122	0.1 mL	NVHOS	10000 ppb
					PFC_ST_01124	0.1 mL	PFO3OA	10000 ppb
					PFC_ST_01127	0.1 mL	PFO4DA	10000 ppb
					PFC_ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC_ST_01133	0.1 mL	TAF	10000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb
....PFC_ST_00199	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PFECA G	1000000 ug/L
....PFC_ST_00329	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PPF Acid	1000000 ug/L
....PFC_ST_01117	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFMOAA	1000000 ug/L
....PFC_ST_01118	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-EVE	1000000 ug/L
....PFC_ST_01119	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDA	1000000 ug/L
....PFC_ST_01120	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydrolyzed PSDA	1000000 ug/L
....PFC_ST_01121	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO2HxA	1000000 ug/L
....PFC_ST_01122	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		NVHOS	1000000 ug/L
....PFC_ST_01124	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO3OA	1000000 ug/L
....PFC_ST_01127	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO4DA	1000000 ug/L
....PFC_ST_01128	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-EVE Acid	1000000 ug/L
....PFC_ST_01129	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		EVE Acid	1000000 ug/L
....PFC_ST_01130	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDCA	1000000 ug/L
....PFC_ST_01131	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-PS Acid	1000000 ug/L
....PFC_ST_01132	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PS Acid	1000000 ug/L
....PFC_ST_01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
....PFC_ST_01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
....PFC_ST_01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_IN_00705	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00704	0.2 mL	Perfluorooctadecanoic acid	20 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	20 ng/mL
							NMeFOSA	20 ng/mL
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	19.16 ng/mL
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	19.28 ng/mL
							2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	20 ng/mL
							2- (N-methylperfluoro-1-octanesul fonamido) ethanol	20 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	19.36 ng/mL
							Perfluorohexadecanoic acid	20 ng/mL
							Perfluorooctanesulfonamide	20 ng/mL
							1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	18.68 ng/mL
							1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	18.96 ng/mL
							Perfluorobutanoic acid	20 ng/mL
							Perfluoropentanoic acid	20 ng/mL
							Perfluorodecanesulfonic acid	19.28 ng/mL
							Perfluoroheptanesulfonic acid	19.04 ng/mL
							Perfluorononanesulfonic acid	19.2 ng/mL
							Perfluoropentanesulfonic acid	18.76 ng/mL
							3:3 FTCA	20 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							5:3 FTCA	20 ng/mL
							7:3 FTCA	20 ng/mL
							6:2 FTCA	20 ng/mL
							8:2 FTCA	20 ng/mL
							10:2 FTCA	20 ng/mL
							PFECA F	20 ng/mL
							PFECA A	20 ng/mL
							PFECA B	20 ng/mL
							PES	17.8 ng/mL
							PFECHS	18.44 ng/mL
							PFPrS	18.32 ng/mL
							6:2 FTUCA	20 ng/mL
							8:2 FTUCA	20 ng/mL
							10:2 FTUCA	20 ng/mL
							11Cl-PF3OUds	18.6 ng/mL
							9Cl-PF3ONS	18.6 ng/mL
							DONA	18.9 ng/mL
							HFPODA	20 ng/mL
							NEtFOSAA	20 ng/mL
							NMeFOSAA	20 ng/mL
							Perfluorobutanesulfonic acid	17.7 ng/mL
							Perfluorodecanoic acid	20 ng/mL
							Perfluorododecanoic acid	20 ng/mL
							Perfluoroheptanoic acid	20 ng/mL
							Perfluorohexanesulfonic acid	18.24 ng/mL
							Perfluorohexanoic acid	20 ng/mL
							Perfluorononanoic acid	20 ng/mL
							Perfluorooctanesulfonic acid	18.51 ng/mL
							Perfluorooctanoic acid	20 ng/mL
							Perfluorotetradecanoic acid	20 ng/mL
							Perfluorotridecanoic acid	20 ng/mL
							Perfluoroundecanoic acid	20 ng/mL
..PFC_IN_00704	12/09/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00699	1.25 mL	Perfluorooctadecanoic acid	500 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	500 ng/mL
							NMeFOSA	500 ng/mL
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	479 ng/mL
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	482 ng/mL
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	500 ng/mL
							Perfluorododecanesulfonic acid (PFDoS)	484 ng/mL
							Perfluorohexadecanoic acid	500 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration					
					Reagent ID	Volume Added							
						1.25 mL	Perfluorooctanesulfonamide	500 ng/mL					
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	467 ng/mL					
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	474 ng/mL					
							Perfluorobutanoic acid	500 ng/mL					
							Perfluoropentanoic acid	500 ng/mL					
							Perfluorodecanesulfonic acid	482 ng/mL					
							Perfluoroheptanesulfonic acid	476 ng/mL					
							Perfluorononanesulfonic acid	480 ng/mL					
							Perfluoropentanesulfonic acid	469 ng/mL					
							PFC_IN_00700	3:3 FTCA	500 ng/mL				
							5:3 FTCA	500 ng/mL					
							7:3 FTCA	500 ng/mL					
							6:2 FTCA	500 ng/mL					
							8:2 FTCA	500 ng/mL					
					10:2 FTCA	500 ng/mL							
										1.25 mL	PFECA F	500 ng/mL	
											PFECA A	500 ng/mL	
											PFECA B	500 ng/mL	
											PES	445 ng/mL	
											PFECHS	461 ng/mL	
											PFPrS	458 ng/mL	
											6:2 FTUCA	500 ng/mL	
											8:2 FTUCA	500 ng/mL	
											10:2 FTUCA	500 ng/mL	
											PFC_ST_01549	11Cl-PF3OUds	465 ng/mL
											9Cl-PF3ONS	465 ng/mL	
											DONA	472.5 ng/mL	
											HFPODA	500 ng/mL	
NEtFOSAA	500 ng/mL												
NMeFOSAA	500 ng/mL												
Perfluorobutanesulfonic acid	442.5 ng/mL												
Perfluorodecanoic acid	500 ng/mL												
Perfluorododecanoic acid	500 ng/mL												
Perfluoroheptanoic acid	500 ng/mL												
Perfluorohexanesulfonic acid	456 ng/mL												
Perfluorohexanoic acid	500 ng/mL												
Perfluorononanoic acid	500 ng/mL												
Perfluorooctanesulfonic acid	462.75 ng/mL												
Perfluorooctanoic acid	500 ng/mL												
Perfluorotetradecanoic acid	500 ng/mL												
Perfluorotridecanoic acid	500 ng/mL												
Perfluoroundecanoic acid	500 ng/mL												
...PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL					
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL					
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC ST 01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC ST 01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC ST 01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC ST 01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC ST 01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC ST 01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC ST 01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC ST 01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
....PFC ST 00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
....PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
....PFC ST 00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
....PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
....PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
....PFC_ST_01073	06/02/26	Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01082	06/02/26	Wellington Laboratories, Lot NMeFOSE0521M			(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
....PFC_ST_01224	02/16/23	Wellington Laboratories, Lot LPFDoS0721			(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
....PFC ST 01226	05/07/26	Wellington Laboratories, Lot PFHxDA0421			(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
....PFC ST 01227	08/10/26	Wellington Laboratories, Lot FOSA0721I			(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
....PFC_ST_01228	10/04/26	Wellington Laboratories, Lot 42FTS0921			(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
....PFC_ST_01229	06/09/26	Wellington Laboratories, Lot 62FTS0521			(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
....PFC ST 01232	10/04/26	Wellington Laboratories, Lot PFBA1021			(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
....PFC ST 01233	08/10/26	Wellington Laboratories, Lot PFPeA0721			(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
....PFC ST 01234	08/19/26	Wellington Laboratories, Lot LPFDS0821			(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
....PFC ST 01235	07/09/26	Wellington Laboratories, Lot LPFHps0721			(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
....PFC_ST_01236	10/19/26		Wellington Laboratories, Lot LPFNS1021			(Purchased Reagent)	Perfluorononanesulfonic acid	48000 ng/mL
....PFC_ST_01237	07/12/26		Wellington Laboratories, Lot LPFPeS0721			(Purchased Reagent)	Perfluoropentanesulfonic acid	46900 ng/mL
...PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC_ST_01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC_ST_01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC_ST_01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC_ST_01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC_ST_01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC_ST_01103	0.2 mL	PFECA F	2000 ppb
					PFC_ST_01104	0.2 mL	PFECA A	2000 ppb
					PFC_ST_01105	0.2 mL	PFECA B	2000 ppb
					PFC_ST_01106	0.2 mL	PES	1780 ppb
					PFC_ST_01107	0.2 mL	PFECHS	1844 ppb
					PFC_ST_01223	0.2 mL	PFPrS	1832 ppb
					PFC_ST_01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC_ST_01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC_ST_01369	0.2 mL	10:2 FTUCA	2000 ppb
....PFC_ST_01094	11/12/25		Wellington Laboratories, Lot FPrPA1020			(Purchased Reagent)	3:3 FTCA	50000 ng/mL
....PFC_ST_01095	11/11/25		Wellington Laboratories, Lot FPePA1120			(Purchased Reagent)	5:3 FTCA	50000 ng/mL
....PFC_ST_01096	11/12/25		Wellington Laboratories, Lot FHpPA1020			(Purchased Reagent)	7:3 FTCA	50000 ng/mL
....PFC_ST_01097	03/08/24		Wellington Laboratories, Lot FHEA0321			(Purchased Reagent)	6:2 FTCA	50000 ng/mL
....PFC_ST_01098	08/18/24		Wellington Laboratories, Lot FOEA0821			(Purchased Reagent)	8:2 FTCA	50000 ng/mL
....PFC_ST_01099	07/07/23		Wellington Laboratories, Lot FDEA0720			(Purchased Reagent)	10:2 FTCA	50000 ng/mL
....PFC_ST_01103	03/31/25		Wellington Laboratories, Lot PF40PeA0320			(Purchased Reagent)	PFECA F	50000 ng/mL
....PFC_ST_01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320			(Purchased Reagent)	PFECA A	50000 ng/mL
....PFC_ST_01105	03/31/25		Wellington Laboratories, Lot 36OPFHpa0320			(Purchased Reagent)	PFECA B	50000 ng/mL
....PFC_ST_01106	05/13/25		Wellington Laboratories, Lot PFEESA0520			(Purchased Reagent)	PES	44500 ppb
....PFC_ST_01107	04/06/26		Wellington Laboratoires, Lot PFECHS0421			(Purchased Reagent)	PFECHS	46100 ppb
....PFC_ST_01223	07/12/26		Wellington Laboratories, Lot LPFPPrS0721			(Purchased Reagent)	PFPrS	45800 ppb
....PFC_ST_01367	09/03/23		Wellington Laboratories, Lot FHUEA0921			(Purchased Reagent)	6:2 FTUCA	50000 ng/mL
....PFC_ST_01368	03/29/23		Wellington Laboratories, Lot FOUEA0321			(Purchased Reagent)	8:2 FTUCA	50000 ng/mL
....PFC_ST_01369	03/29/23		Wellington Laboratories, Lot FDUEA1021			(Purchased Reagent)	10:2 FTUCA	50000 ng/mL
...PFC_ST_01549	06/01/24		Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)	11Cl-PF3OUds	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NEtFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.PFC_ST_01219	01/13/26	Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)		Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
							13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
PFC_STD_XMOD4_00019	09/29/22	07/21/22	Methanol, Lot 220054	10 mL	PFC_IN_00699	0.04 mL	Perfluorooctadecanoic acid	8 ppb
							N-ethylperfluoro-1-octanesulfonamide	8 ppb
							NMeFOSA	8 ppb
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	7.664 ppb
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	7.712 ppb
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	8 ppb
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	8 ppb
							Perfluorododecanesulfonic acid (PFDoS)	7.744 ppb
							Perfluorohexadecanoic acid	8 ppb
							Perfluorooctanesulfonamide	8 ppb
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	7.472 ppb
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	7.584 ppb
							Perfluorobutanoic acid	8 ppb
							Perfluoropentanoic acid	8 ppb
							Perfluorodecanesulfonic acid	7.712 ppb
							Perfluoroheptanesulfonic acid	7.616 ppb
							Perfluorononanesulfonic acid	7.68 ppb
							Perfluoropentanesulfonic acid	7.504 ppb
							PFC_IN_00700	0.04 mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							5:3 FTCA	8 ppb
							7:3 FTCA	8 ppb
							6:2 FTCA	8 ppb
							8:2 FTCA	8 ppb
							10:2 FTCA	8 ppb
							PFECA F	8 ppb
							PFECA A	8 ppb
							PFECA B	8 ppb
							PES	7.12 ppb
							PFECHS	7.376 ppb
							PFPrS	7.328 ppb
							6:2 FTUCA	8 ppb
							8:2 FTUCA	8 ppb
							10:2 FTUCA	8 ppb
					PFC_IN_00701	0.05 mL	d5-NETPFOSA	10 ppb
					PFC_IN_00701	0.05 mL	13C3 HFPO-DA	10 ppb
					PFC_IN_00701	0.05 mL	M2-8:2 FTS	9.58 ppb
					PFC_IN_00701	0.05 mL	M2-6:2 FTS	9.5 ppb
					PFC_IN_00701	0.05 mL	d3-NMePFOSA	10 ppb
					PFC_IN_00701	0.05 mL	13C-6:2 FTCA	10 ppb
					PFC_IN_00701	0.05 mL	13C-10:2 FTCA	10 ppb
					PFC_IN_00701	0.05 mL	13C-8:2 FTCA	10 ppb
					PFC_IN_00701	0.05 mL	d3-NMeFOSAA	10 ppb
					PFC_IN_00701	0.05 mL	d5-NETFOSAA	10 ppb
					PFC_IN_00701	0.05 mL	d7-N-MeFOSE-M	10 ppb
					PFC_IN_00701	0.05 mL	d9-N-EtFOSE-M	10 ppb
					PFC_IN_00701	0.05 mL	13C8 FOSA	10 ppb
					PFC_IN_00701	0.05 mL	M2-4:2 FTS	9.34 ppb
					PFC_IN_00701	0.05 mL	13C-6:2 FTUCA	10 ppb
					PFC_IN_00701	0.05 mL	13C-8:2 FTUCA	10 ppb
					PFC_IN_00701	0.05 mL	13C-10:2 FTUCA	10 ppb
					PFC_IN_00728	0.04 mL	PFECA G	8 ppb
					PFC_IN_00728	0.04 mL	PPF Acid	8 ppb
					PFC_IN_00728	0.04 mL	PFMOAA	8 ppb
					PFC_IN_00728	0.04 mL	R-EVE	8 ppb
					PFC_IN_00728	0.04 mL	R-PSDA	8 ppb
					PFC_IN_00728	0.04 mL	Hydrolyzed PSDA	8 ppb
					PFC_IN_00728	0.04 mL	PFO2HxA	8 ppb
					PFC_IN_00728	0.04 mL	NVHOS	8 ppb
					PFC_IN_00728	0.04 mL	PFO3OA	8 ppb
					PFC_IN_00728	0.04 mL	PFO4DA	8 ppb
					PFC_IN_00728	0.04 mL	Hydro-EVE Acid	8 ppb
					PFC_IN_00728	0.04 mL	EVE Acid	8 ppb
					PFC_IN_00728	0.04 mL	R-PSDCA	8 ppb
					PFC_IN_00728	0.04 mL	Hydro-PS Acid	8 ppb
					PFC_IN_00728	0.04 mL	PS Acid	8 ppb
					PFC_IN_00728	0.04 mL	TAF	8 ppb
					PFC_IN_00728	0.04 mL	PMPA	8 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01219	0.05 mL	PEPA	8 ppb
							13C2 PFTeDA	10 ppb
							13C2-PFDoDA	10 ppb
							13C3 PFBS	9.3 ppb
							13C3 PFHxS	9.46 ppb
							13C4 PFBA	10 ppb
							13C4 PFHpA	10 ppb
							13C5 PFHxA	10 ppb
							13C5 PFPeA	10 ppb
							13C6 PFDA	10 ppb
							13C7 PFUnA	10 ppb
							13C8 PFOA	10 ppb
							13C8 PFOS	9.56 ppb
							13C9 PFNA	10 ppb
							PFC_ST_01249	0.025 mL
					13C2 PFOA	5 ppb		
					13C3-PFBA	5 ppb		
					PFC_ST_01549	0.04 mL	13C4 PFOS	4.7825 ppb
							11C1-PF3OUds	7.44 ppb
							9C1-PF3ONS	7.44 ppb
							DONA	7.56 ppb
							HFPODA	8 ppb
							NEtFOSAA	8 ppb
							NMeFOSAA	8 ppb
							Perfluorobutanesulfonic acid	7.08 ppb
							Perfluorodecanoic acid	8 ppb
							Perfluorododecanoic acid	8 ppb
							Perfluoroheptanoic acid	8 ppb
							Perfluorohexanesulfonic acid	7.296 ppb
							Perfluorohexanoic acid	8 ppb
							Perfluorononanoic acid	8 ppb
							Perfluorooctanesulfonic acid	7.404 ppb
					Perfluorooctanoic acid	8 ppb		
Perfluorotetradecanoic acid	8 ppb							
Perfluorotridecanoic acid	8 ppb							
Perfluoroundecanoic acid	8 ppb							
.PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC ST 01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC ST 01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC ST 01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC ST 01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC ST 01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC ST 01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC ST 01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC_ST_01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
..PFC_ST_00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
..PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
..PFC ST 00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
..PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
..PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
..PFC_ST_01073	06/02/26	Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01082	06/02/26	Wellington Laboratories, Lot NMeFOSE0521M			(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01224	02/16/23	Wellington Laboratories, Lot LPFDoS0721			(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
..PFC ST 01226	05/07/26	Wellington Laboratories, Lot PFHxDA0421			(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
..PFC ST 01227	08/10/26	Wellington Laboratories, Lot FOSA0721I			(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
..PFC_ST_01228	10/04/26	Wellington Laboratories, Lot 42FTS0921			(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
..PFC_ST_01229	06/09/26	Wellington Laboratories, Lot 62FTS0521			(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
..PFC ST 01232	10/04/26	Wellington Laboratories, Lot PFBA1021			(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
..PFC ST 01233	08/10/26	Wellington Laboratories, Lot PFPeA0721			(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
..PFC ST 01234	08/19/26	Wellington Laboratories, Lot LPFDS0821			(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
..PFC ST 01235	07/09/26	Wellington Laboratories, Lot LPFHps0721			(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
..PFC ST 01236	10/19/26	Wellington Laboratories, Lot LPFNS1021			(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
..PFC ST 01237	07/12/26	Wellington Laboratories, Lot LPFPeS0721			(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
.PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC ST 01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC ST 01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC ST 01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC_ST_01097	0.2 mL	6:2 FTCA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC ST 01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC ST 01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC ST 01103	0.2 mL	PFECA F	2000 ppb
					PFC ST 01104	0.2 mL	PFECA A	2000 ppb
					PFC ST 01105	0.2 mL	PFECA B	2000 ppb
					PFC ST 01106	0.2 mL	PES	1780 ppb
					PFC ST 01107	0.2 mL	PFECHS	1844 ppb
					PFC ST 01223	0.2 mL	PFPrS	1832 ppb
					PFC ST 01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC ST 01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC ST 01369	0.2 mL	10:2 FTUCA	2000 ppb
..PFC ST 01094	11/12/25		Wellington Laboratories, Lot FPrPA1020		(Purchased Reagent)		3:3 FTCA	50000 ng/mL
..PFC ST 01095	11/11/25		Wellington Laboratories, Lot FPePA1120		(Purchased Reagent)		5:3 FTCA	50000 ng/mL
..PFC ST 01096	11/12/25		Wellington Laboratories, Lot FHpPA1020		(Purchased Reagent)		7:3 FTCA	50000 ng/mL
..PFC ST 01097	03/08/24		Wellington Laboratories, Lot FHEA0321		(Purchased Reagent)		6:2 FTCA	50000 ng/mL
..PFC ST 01098	08/18/24		Wellington Laboratories, Lot FOEA0821		(Purchased Reagent)		8:2 FTCA	50000 ng/mL
..PFC ST 01099	07/07/23		Wellington Laboratories, Lot FDEA0720		(Purchased Reagent)		10:2 FTCA	50000 ng/mL
..PFC ST 01103	03/31/25		Wellington Laboratories, Lot PF40PeA0320		(Purchased Reagent)		PFECA F	50000 ng/mL
..PFC ST 01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320		(Purchased Reagent)		PFECA A	50000 ng/mL
..PFC ST 01105	03/31/25		Wellington Laboratories, Lot 36OPFHpa0320		(Purchased Reagent)		PFECA B	50000 ng/mL
..PFC ST 01106	05/13/25		Wellington Laboratories, Lot PFEEA0520		(Purchased Reagent)		PES	44500 ppb
..PFC ST 01107	04/06/26		Wellington Laboratories, Lot PFECHS0421		(Purchased Reagent)		PFECHS	46100 ppb
..PFC ST 01223	07/12/26		Wellington Laboratories, Lot LPPPrS0721		(Purchased Reagent)		PFPrS	45800 ppb
..PFC ST 01367	09/03/23		Wellington Laboratories, Lot FHUEA0921		(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
..PFC ST 01368	03/29/23		Wellington Laboratories, Lot FOUEA0321		(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
..PFC ST 01369	03/29/23		Wellington Laboratories, Lot FDUEA1021		(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC ST 00981	0.2 mL	d5-NETPFOSA	2000 ppb
					PFC ST 00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC ST 00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC ST 00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC ST 01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC ST 01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC ST 01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC ST 01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC ST 01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC ST 01216	0.2 mL	d5-NETFOSAA	2000 ppb
					PFC ST 01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC ST 01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC ST 01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC ST 01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC ST 01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC ST 01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC ST 01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25		Wellington Laboratories, Lot dNetFOSA1120M		(Purchased Reagent)		d5-NETPFOSA	50000 ng/mL
..PFC ST 00984	05/13/24		Wellington Laboratories, Lot M3HFPODA0521		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC ST 00985	12/17/25		Wellington Laboratories, Lot M282FTS1220		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC ST 00986	05/14/26		Wellington Laboratories, Lot M262FTS0521		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01081	04/04/23		Wellington Laboratories, Lot dNMeFOSA0421M		(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC ST 01108	04/04/23		Wellington Laboratories, Lot MFHEA0421		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC ST 01109	04/04/23		Wellington Laboratories, Lot MFDEA0817		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC ST 01113	04/04/23		Wellington Laboratories, Lot MFOEA1020		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23		Wellington Laboratories, Lot d3NMeFOSAA0521		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00728	10/13/22	07/20/22	Methanol, Lot 220054	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
..PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC ST 00199	0.1 mL	PFECA G	10000 ppb
					PFC ST 00329	0.1 mL	PPF Acid	10000 ppb
					PFC ST 01117	0.1 mL	PFMOAA	10000 ppb
					PFC ST 01118	0.1 mL	R-EVE	10000 ppb
					PFC ST 01119	0.1 mL	R-PSDA	10000 ppb
					PFC ST 01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC ST 01121	0.1 mL	PFO2HxA	10000 ppb
					PFC ST 01122	0.1 mL	NVHOS	10000 ppb
					PFC ST 01124	0.1 mL	PFO3OA	10000 ppb
					PFC ST 01127	0.1 mL	PFO4DA	10000 ppb
					PFC ST 01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC_ST_01133	0.1 mL	TAF	10000 ppb
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb
...PFC_ST_00199	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PFECA G	1000000 ug/L
...PFC_ST_00329	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PPF Acid	1000000 ug/L
...PFC_ST_01117	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFMOAA	1000000 ug/L
...PFC_ST_01118	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-EVE	1000000 ug/L
...PFC_ST_01119	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDA	1000000 ug/L
...PFC_ST_01120	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydrolyzed PSDA	1000000 ug/L
...PFC_ST_01121	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO2HxA	1000000 ug/L
...PFC_ST_01122	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		NVHOS	1000000 ug/L
...PFC_ST_01124	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO3OA	1000000 ug/L
...PFC_ST_01127	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO4DA	1000000 ug/L
...PFC_ST_01128	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-EVE Acid	1000000 ug/L
...PFC_ST_01129	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		EVE Acid	1000000 ug/L
...PFC_ST_01130	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDCA	1000000 ug/L
...PFC_ST_01131	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-PS Acid	1000000 ug/L
...PFC_ST_01132	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PS Acid	1000000 ug/L
...PFC_ST_01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
...PFC_ST_01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
...PFC_ST_01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_ST_01219	01/13/26	Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
.PFC_ST_01549	06/01/24	Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)		11C1-PF3OUdS	1860 ng/mL
							9C1-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NETFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
PFC_STD_XMOD5_00018	09/29/22	07/21/22	Methanol, Lot 220054	10 mL	PFC_IN_00699	0.1 mL	Perfluorooctadecanoic acid	20 ppb
							N-ethylperfluoro-1-octanesulfonamide	20 ppb
							NMeFOSA	20 ppb
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	19.16 ppb
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	19.28 ppb
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	20 ppb
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	20 ppb
							Perfluorododecanesulfonic acid (PFDoS)	19.36 ppb
							Perfluorohexadecanoic acid	20 ppb
							Perfluorooctanesulfonamide	20 ppb
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	18.68 ppb
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	18.96 ppb
							Perfluorobutanoic acid	20 ppb
							Perfluoropentanoic acid	20 ppb
							Perfluorodecanesulfonic acid	19.28 ppb
							Perfluoroheptanesulfonic acid	19.04 ppb
							Perfluorononanesulfonic acid	19.2 ppb
					Perfluoropentanesulfonic acid	18.76 ppb		
					PFC_IN_00700	0.1 mL	3:3 FTCA	20 ppb
							5:3 FTCA	20 ppb
							7:3 FTCA	20 ppb
							6:2 FTCA	20 ppb
							8:2 FTCA	20 ppb
		10:2 FTCA	20 ppb					
		PFECA F	20 ppb					
		PFECA A	20 ppb					
		PFECA B	20 ppb					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PES	17.8 ppb
							PFECBS	18.44 ppb
							PFPrS	18.32 ppb
							6:2 FTUCA	20 ppb
							8:2 FTUCA	20 ppb
							10:2 FTUCA	20 ppb
					PFC_IN_00701	0.05 mL	d5-NETPFOSA	10 ppb
							13C3 HFPO-DA	10 ppb
							M2-8:2 FTS	9.58 ppb
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NETFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
					PFC_IN_00728	0.1 mL	PFECA G	20 ppb
							PPF Acid	20 ppb
							PFMOAA	20 ppb
							R-EVE	20 ppb
							R-PSDA	20 ppb
							Hydrolyzed PSDA	20 ppb
							PFO2HxA	20 ppb
							NVHOS	20 ppb
							PFO3OA	20 ppb
							PFO4DA	20 ppb
							Hydro-EVE Acid	20 ppb
							EVE Acid	20 ppb
							R-PSDCA	20 ppb
							Hydro-PS Acid	20 ppb
							PS Acid	20 ppb
							TAF	20 ppb
							PMPA	20 ppb
							PEPA	20 ppb
					PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
							13C2-PFDoDA	10 ppb
							13C3 PFBS	9.3 ppb
							13C3 PFHxS	9.46 ppb
							13C4 PFBA	10 ppb
							13C4 PFHpA	10 ppb
							13C5 PFHxA	10 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C5 PFPeA	10 ppb
							13C6 PFDA	10 ppb
							13C7 PFUnA	10 ppb
							13C8 PFOA	10 ppb
							13C8 PFOS	9.56 ppb
							13C9 PFNA	10 ppb
					PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb
							13C2 PFOA	5 ppb
							13C3-PFBA	5 ppb
					PFC_ST_01549	0.1 mL	13C4 PFOS	4.7825 ppb
							11Cl-PF3OUds	18.6 ppb
							9Cl-PF3ONS	18.6 ppb
							DONA	18.9 ppb
							HFPODA	20 ppb
							NEtFOSAA	20 ppb
							NMeFOSAA	20 ppb
							Perfluorobutanesulfonic acid	17.7 ppb
							Perfluorodecanoic acid	20 ppb
							Perfluorododecanoic acid	20 ppb
							Perfluoroheptanoic acid	20 ppb
							Perfluorohexanesulfonic acid	18.24 ppb
Perfluorohexanoic acid	20 ppb							
Perfluorononanoic acid	20 ppb							
Perfluorooctanesulfonic acid	18.51 ppb							
Perfluorooctanoic acid	20 ppb							
Perfluorotetradecanoic acid	20 ppb							
Perfluorotridecanoic acid	20 ppb							
Perfluoroundecanoic acid	20 ppb							
.PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC_ST_01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC_ST_01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC ST 01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC ST 01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC ST 01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC ST 01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC ST 01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC ST 01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
..PFC ST 00747	11/13/25		Wellington Laboratories, Lot PFODA1020		(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
..PFC_ST_00971	11/23/25		Wellington Laboratories, Lot NETFOSA1120M		(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
..PFC ST 00972	10/20/25		Wellington Laboratories, Lot NMeFOSA1020M		(Purchased Reagent)		NMeFOSA	50000 ng/mL
..PFC_ST_00976	12/01/25		Wellington Laboratories, Lot 82FTS1120		(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
..PFC_ST_00977	03/03/26		Wellington Laboratories, Lot 102FTS0221		(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
..PFC_ST_01073	06/02/26		Wellington Laboratories, Lot NETFOSE0521M		(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01082	06/02/26		Wellington Laboratories, Lot NMeFOSE0521M		(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01224	02/16/23		Wellington Laboratories, Lot LPFDoS0721		(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
..PFC ST 01226	05/07/26		Wellington Laboratories, Lot PFHxDA0421		(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
..PFC ST 01227	08/10/26		Wellington Laboratories, Lot FOSA0721I		(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
..PFC_ST_01228	10/04/26		Wellington Laboratories, Lot 42FTS0921		(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
..PFC_ST_01229	06/09/26		Wellington Laboratories, Lot 62FTS0521		(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
..PFC ST 01232	10/04/26		Wellington Laboratories, Lot PFBA1021		(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
..PFC ST 01233	08/10/26		Wellington Laboratories, Lot PFPeA0721		(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
..PFC ST 01234	08/19/26		Wellington Laboratories, Lot LPFDS0821		(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
..PFC ST 01235	07/09/26		Wellington Laboratories, Lot LPFHps0721		(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
..PFC ST 01236	10/19/26		Wellington Laboratories, Lot LPFNS1021		(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
..PFC ST 01237	07/12/26		Wellington Laboratories, Lot LPFPeS0721		(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
.PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC ST 01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC ST 01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC ST 01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC ST 01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC ST 01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC ST 01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC ST 01103	0.2 mL	PFECA F	2000 ppb
					PFC ST 01104	0.2 mL	PFECA A	2000 ppb
					PFC ST 01105	0.2 mL	PFECA B	2000 ppb
					PFC ST 01106	0.2 mL	PES	1780 ppb
					PFC ST 01107	0.2 mL	PFECHS	1844 ppb
					PFC ST 01223	0.2 mL	PFPrS	1832 ppb
					PFC_ST_01367	0.2 mL	6:2 FTUCA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC_ST_01369	0.2 mL	10:2 FTUCA	2000 ppb
..PFC_ST_01094	11/12/25	Wellington Laboratories, Lot FPrPA1020			(Purchased Reagent)		3:3 FTCA	50000 ng/mL
..PFC_ST_01095	11/11/25	Wellington Laboratories, Lot FPePA1120			(Purchased Reagent)		5:3 FTCA	50000 ng/mL
..PFC_ST_01096	11/12/25	Wellington Laboratories, Lot FHpPA1020			(Purchased Reagent)		7:3 FTCA	50000 ng/mL
..PFC_ST_01097	03/08/24	Wellington Laboratories, Lot FHEA0321			(Purchased Reagent)		6:2 FTCA	50000 ng/mL
..PFC_ST_01098	08/18/24	Wellington Laboratories, Lot FOEA0821			(Purchased Reagent)		8:2 FTCA	50000 ng/mL
..PFC_ST_01099	07/07/23	Wellington Laboratories, Lot FDEA0720			(Purchased Reagent)		10:2 FTCA	50000 ng/mL
..PFC_ST_01103	03/31/25	Wellington Laboratories, Lot PF40PeA0320			(Purchased Reagent)		PFECA F	50000 ng/mL
..PFC_ST_01104	03/31/25	Wellington Laboratories, Lot PF50HxA0320			(Purchased Reagent)		PFECA A	50000 ng/mL
..PFC_ST_01105	03/31/25	Wellington Laboratories, Lot 360PFHpA0320			(Purchased Reagent)		PFECA B	50000 ng/mL
..PFC_ST_01106	05/13/25	Wellington Laboratories, Lot PFEEESA0520			(Purchased Reagent)		PES	44500 ppb
..PFC_ST_01107	04/06/26	Wellington Laboratoires, Lot PFECBS0421			(Purchased Reagent)		PFECBS	46100 ppb
..PFC_ST_01223	07/12/26	Wellington Laboratories, Lot LPFPrS0721			(Purchased Reagent)		PPrS	45800 ppb
..PFC_ST_01367	09/03/23	Wellington Laboratories, Lot FHUEA0921			(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
..PFC_ST_01368	03/29/23	Wellington Laboratories, Lot FOUEA0321			(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
..PFC_ST_01369	03/29/23	Wellington Laboratories, Lot FDUEA1021			(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
..PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NETPFOSA	2000 ppb
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01216	0.2 mL	d5-NETFOSAA	2000 ppb
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25	Wellington Laboratories, Lot dNETFOSA1120M			(Purchased Reagent)		d5-NETPFOSA	50000 ng/mL
..PFC_ST_00984	05/13/24	Wellington Laboratories, Lot M3HFPODA0521			(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC_ST_00985	12/17/25	Wellington Laboratories, Lot M282FTS1220			(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC_ST_00986	05/14/26	Wellington Laboratories, Lot M262FTS0521			(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23	Wellington Laboratories, Lot dNMeFOSA0421M			(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01108	04/04/23	Wellington Laboratories, Lot MFHEA0421			(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC_ST_01109	04/04/23	Wellington Laboratories, Lot MFDEA0817			(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC_ST_01113	04/04/23	Wellington Laboratories, Lot MFOEA1020			(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23	Wellington Laboratories, Lot d3NMeFOSAA0521			(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23	Wellington Laboratories, Lot d5NETFOSAA0921			(Purchased Reagent)		d5-NETFOSAA	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00728	10/13/22	07/20/22	Methanol, Lot 220054	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
..PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC ST 00199	0.1 mL	PFECA G	10000 ppb
					PFC ST 00329	0.1 mL	PPF Acid	10000 ppb
					PFC ST 01117	0.1 mL	PFMOAA	10000 ppb
					PFC ST 01118	0.1 mL	R-EVE	10000 ppb
					PFC ST 01119	0.1 mL	R-PSDA	10000 ppb
					PFC ST 01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC ST 01121	0.1 mL	PFO2HxA	10000 ppb
					PFC ST 01122	0.1 mL	NVHOS	10000 ppb
					PFC ST 01124	0.1 mL	PFO3OA	10000 ppb
					PFC ST 01127	0.1 mL	PFO4DA	10000 ppb
					PFC ST 01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC ST 01129	0.1 mL	EVE Acid	10000 ppb
					PFC ST 01130	0.1 mL	R-PSDCA	10000 ppb
					PFC ST 01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC ST 01132	0.1 mL	PS Acid	10000 ppb
					PFC ST 01133	0.1 mL	TAF	10000 ppb
					PFC ST 01134	0.1 mL	PMPA	10000 ppb
					PFC ST 01135	0.1 mL	PEPA	10000 ppb
...PFC ST 00199	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PFECA G	1000000 ug/L
...PFC ST 00329	02/26/23		Chemours, Lot N/A		(Purchased Reagent)		PPF Acid	1000000 ug/L
...PFC ST 01117	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFMOAA	1000000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...PFC ST 01118	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-EVE	1000000 ug/L
...PFC ST 01119	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDA	1000000 ug/L
...PFC ST 01120	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydrolyzed PSDA	1000000 ug/L
...PFC ST 01121	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO2HxA	1000000 ug/L
...PFC ST 01122	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		NVHOS	1000000 ug/L
...PFC ST 01124	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO3OA	1000000 ug/L
...PFC ST 01127	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PFO4DA	1000000 ug/L
...PFC ST 01128	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-EVE Acid	1000000 ug/L
...PFC ST 01129	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		EVE Acid	1000000 ug/L
...PFC ST 01130	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		R-PSDCA	1000000 ug/L
...PFC ST 01131	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-PS Acid	1000000 ug/L
...PFC ST 01132	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PS Acid	1000000 ug/L
...PFC ST 01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
...PFC ST 01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
...PFC ST 01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_ST_01219	01/13/26	Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
.PFC_ST_01549	06/01/24	Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)		11C1-PF3OUds	1860 ng/mL
							9C1-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NEtFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
PFC_STD_XMOD6_00018	09/10/22	06/10/22	Methanol, Lot ED663-US	10 mL	PFC_IN_00699	0.25 mL	Perfluorooctadecanoic acid	50 ppb
							N-ethylperfluoro-1-octanesulfonamide	50 ppb
							NMeFOSA	50 ppb
							1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47.9 ppb
							1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48.2 ppb
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50 ppb
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50 ppb
							Perfluorododecanesulfonic acid (PFDoS)	48.4 ppb
							Perfluorohexadecanoic acid	50 ppb
							Perfluorooctanesulfonamide	50 ppb
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46.7 ppb
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47.4 ppb
							Perfluorobutanoic acid	50 ppb
							Perfluoropentanoic acid	50 ppb
							Perfluorodecanesulfonic acid	48.2 ppb
							Perfluoroheptanesulfonic acid	47.6 ppb
							Perfluorononanesulfonic acid	48 ppb
							Perfluoropentanesulfonic acid	46.9 ppb
					PFC_IN_00700	0.25 mL	3:3 FTCA	50 ppb
					5:3 FTCA		50 ppb	
					7:3 FTCA		50 ppb	
					6:2 FTCA		50 ppb	
					8:2 FTCA		50 ppb	
					10:2 FTCA		50 ppb	
					PFECA F		50 ppb	
					PFECA A		50 ppb	
					PFECA B		50 ppb	
					PES		44.5 ppb	
					PFECHS		46.1 ppb	
					PFPrS		45.8 ppb	
					6:2 FTUCA	50 ppb		
					8:2 FTUCA	50 ppb		
					10:2 FTUCA	50 ppb		
PFC_IN_00701	0.05 mL	d5-NetPFOSA	10 ppb					
13C3 HFPO-DA		10 ppb						
M2-8:2 FTS		9.58 ppb						

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NEtFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
					PFC_IN_00702	0.25 mL	PFECA G	50 ppb
							PPF Acid	50 ppb
							PFMOAA	50 ppb
							R-EVE	50 ppb
							R-PSDA	50 ppb
							Hydrolyzed PSDA	50 ppb
							PFO2HxA	50 ppb
							NVHOS	50 ppb
							PFO3OA	50 ppb
							PFO4DA	50 ppb
							Hydro-EVE Acid	50 ppb
							EVE Acid	50 ppb
							R-PSDCA	50 ppb
							Hydro-PS Acid	50 ppb
							PS Acid	50 ppb
							TAF	50 ppb
							PMPA	50 ppb
							PEPA	50 ppb
					PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
							13C2-PFDoDA	10 ppb
							13C3 PFBS	9.3 ppb
							13C3 PFHxS	9.46 ppb
							13C4 PFBA	10 ppb
							13C4 PFHpA	10 ppb
							13C5 PFHxA	10 ppb
							13C5 PFPeA	10 ppb
							13C6 PFDA	10 ppb
							13C7 PFUnA	10 ppb
							13C8 PFOA	10 ppb
							13C8 PFOS	9.56 ppb
							13C9 PFNA	10 ppb
					PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb
							13C2 PFOA	5 ppb
							13C3-PFBA	5 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
						0.25 mL	13C4 PFOS	4.7825 ppb
							11Cl-PF30Uds	46.5 ppb
							9Cl-PF3ONS	46.5 ppb
							DONA	47.25 ppb
							HFPODA	50 ppb
							NETFOSAA	50 ppb
							NMeFOSAA	50 ppb
							Perfluorobutanesulfonic acid	44.25 ppb
							Perfluorodecanoic acid	50 ppb
							Perfluorododecanoic acid	50 ppb
							Perfluoroheptanoic acid	50 ppb
							Perfluorohexanesulfonic acid	45.6 ppb
							Perfluorohexanoic acid	50 ppb
							Perfluorononanoic acid	50 ppb
							Perfluorooctanesulfonic acid	46.275 ppb
Perfluorooctanoic acid	50 ppb							
Perfluorotetradecanoic acid	50 ppb							
Perfluorotridecanoic acid	50 ppb							
Perfluoroundecanoic acid	50 ppb							
.PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC_ST_01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC_ST_01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC_ST_01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC_ST_01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC_ST_01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
PFC_ST_01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL					
PFC_ST_01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL					
PFC_ST_01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL					
..PFC_ST_00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfo namide	50000 ng/mL
..PFC_ST_00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
..PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	47900 ng/mL
..PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	48200 ng/mL
..PFC_ST_01073	06/02/26	Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)		2- (N-ethylperfluoro-1-octanesulf onamido) ethanol	50000 ng/mL
..PFC_ST_01082	06/02/26	Wellington Laboratories, Lot NMeFOSE0521M			(Purchased Reagent)		2- (N-methylperfluoro-1-octanesul fonamido) ethanol	50000 ng/mL
..PFC_ST_01224	02/16/23	Wellington Laboratories, Lot LPFDoS0721			(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
..PFC_ST_01226	05/07/26	Wellington Laboratories, Lot PFHxDA0421			(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
..PFC_ST_01227	08/10/26	Wellington Laboratories, Lot FOSA0721I			(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
..PFC_ST_01228	10/04/26	Wellington Laboratories, Lot 42FTS0921			(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesul fonic acid (4:2)	46700 ng/mL
..PFC_ST_01229	06/09/26	Wellington Laboratories, Lot 62FTS0521			(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesul fonic acid (6:2)	47400 ng/mL
..PFC_ST_01232	10/04/26	Wellington Laboratories, Lot PFBA1021			(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
..PFC_ST_01233	08/10/26	Wellington Laboratories, Lot PFPeA0721			(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
..PFC_ST_01234	08/19/26	Wellington Laboratories, Lot LPFDS0821			(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
..PFC_ST_01235	07/09/26	Wellington Laboratories, Lot LPFHpS0721			(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
..PFC_ST_01236	10/19/26	Wellington Laboratories, Lot LPFNS1021			(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
..PFC_ST_01237	07/12/26	Wellington Laboratories, Lot LPFPeS0721			(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
.PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC_ST_01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC_ST_01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC_ST_01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC_ST_01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC_ST_01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC_ST_01103	0.2 mL	PFECA F	2000 ppb
					PFC_ST_01104	0.2 mL	PFECA A	2000 ppb
					PFC_ST_01105	0.2 mL	PFECA B	2000 ppb
					PFC_ST_01106	0.2 mL	PES	1780 ppb
					PFC_ST_01107	0.2 mL	PFECHS	1844 ppb
					PFC_ST_01223	0.2 mL	PFPrS	1832 ppb
					PFC_ST_01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC_ST_01368	0.2 mL	8:2 FTUCA	2000 ppb
PFC_ST_01369	0.2 mL	10:2 FTUCA	2000 ppb					
..PFC_ST_01094	11/12/25	Wellington Laboratories, Lot FPrPA1020			(Purchased Reagent)		3:3 FTCA	50000 ng/mL
..PFC_ST_01095	11/11/25	Wellington Laboratories, Lot FPePA1120			(Purchased Reagent)		5:3 FTCA	50000 ng/mL
..PFC_ST_01096	11/12/25	Wellington Laboratories, Lot FHpPA1020			(Purchased Reagent)		7:3 FTCA	50000 ng/mL
..PFC_ST_01097	03/08/24	Wellington Laboratories, Lot FHEA0321			(Purchased Reagent)		6:2 FTCA	50000 ng/mL
..PFC_ST_01098	08/18/24	Wellington Laboratories, Lot FOEA0821			(Purchased Reagent)		8:2 FTCA	50000 ng/mL
..PFC_ST_01099	07/07/23	Wellington Laboratories, Lot FDEA0720			(Purchased Reagent)		10:2 FTCA	50000 ng/mL
..PFC_ST_01103	03/31/25	Wellington Laboratories, Lot PF40PeA0320			(Purchased Reagent)		PFECA F	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC ST 01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320		(Purchased Reagent)		PFECA A	50000 ng/mL
..PFC ST 01105	03/31/25		Wellington Laboratories, Lot 36OPFHpa0320		(Purchased Reagent)		PFECA B	50000 ng/mL
..PFC ST 01106	05/13/25		Wellington Laboratories, Lot PFEESA0520		(Purchased Reagent)		PES	44500 ppb
..PFC ST 01107	04/06/26		Wellington Laboratoires, Lot PFECHS0421		(Purchased Reagent)		PFECHS	46100 ppb
..PFC ST 01223	07/12/26		Wellington Laboratories, Lot LPPPrS0721		(Purchased Reagent)		PFPPrS	45800 ppb
..PFC ST 01367	09/03/23		Wellington Laboratories, Lot FHUEA0921		(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
..PFC ST 01368	03/29/23		Wellington Laboratories, Lot FOUEA0321		(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
..PFC ST 01369	03/29/23		Wellington Laboratories, Lot FDUEA1021		(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC ST 00981	0.2 mL	d5-NETPFOSA	2000 ppb
					PFC ST 00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC ST 00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC ST 00986	0.2 mL	M2-6:2 FTS	1900 ppb
					PFC ST 01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC ST 01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC ST 01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC ST 01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC ST 01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC ST 01216	0.2 mL	d5-NetFOSAA	2000 ppb
					PFC ST 01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC ST 01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC ST 01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC ST 01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC ST 01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC ST 01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC ST 01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25		Wellington Laboratories, Lot dNetFOSA1120M		(Purchased Reagent)		d5-NETPFOSA	50000 ng/mL
..PFC ST 00984	05/13/24		Wellington Laboratories, Lot M3HFPODA0521		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC ST 00985	12/17/25		Wellington Laboratories, Lot M282FTS1220		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC ST 00986	05/14/26		Wellington Laboratories, Lot M262FTS0521		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23		Wellington Laboratories, Lot dNMeFOSA0421M		(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC ST 01108	04/04/23		Wellington Laboratories, Lot MFHEA0421		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC ST 01109	04/04/23		Wellington Laboratories, Lot MFDEA0817		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC ST 01113	04/04/23		Wellington Laboratories, Lot MFOEA1020		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23		Wellington Laboratories, Lot d3NMeFOSAA0521		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC ST 01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC ST 01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC ST 01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC ST 01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC ST 01469	03/22/23		Wellington Laboratories, Lot FDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00702	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
..PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb
					PFC_ST_00329	0.1 mL	PPF Acid	10000 ppb
					PFC_ST_01117	0.1 mL	PFMOAA	10000 ppb
					PFC_ST_01118	0.1 mL	R-EVE	10000 ppb
					PFC_ST_01119	0.1 mL	R-PSDA	10000 ppb
					PFC_ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC_ST_01121	0.1 mL	PFO2HxA	10000 ppb
					PFC_ST_01122	0.1 mL	NVHOS	10000 ppb
					PFC_ST_01124	0.1 mL	PFO3OA	10000 ppb
					PFC_ST_01127	0.1 mL	PFO4DA	10000 ppb
					PFC_ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC_ST_01133	0.1 mL	TAF	10000 ppb
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb
...PFC_ST_00199	02/26/23		Chemours, Lot N/A				(Purchased Reagent) PFECA G	1000000 ug/L
...PFC_ST_00329	02/26/23		Chemours, Lot N/A				(Purchased Reagent) PPF Acid	1000000 ug/L
...PFC_ST_01117	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFMOAA	1000000 ug/L
...PFC_ST_01118	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-EVE	1000000 ug/L
...PFC_ST_01119	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-PSDA	1000000 ug/L
...PFC_ST_01120	10/13/22		Chemours, Lot N/A				(Purchased Reagent) Hydrolyzed PSDA	1000000 ug/L
...PFC_ST_01121	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO2HxA	1000000 ug/L
...PFC_ST_01122	10/13/22		Chemours, Lot N/A				(Purchased Reagent) NVHOS	1000000 ug/L
...PFC_ST_01124	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO3OA	1000000 ug/L
...PFC_ST_01127	10/13/22		Chemours, Lot N/A				(Purchased Reagent) PFO4DA	1000000 ug/L
...PFC_ST_01128	10/13/22		Chemours, Lot N/A				(Purchased Reagent) Hydro-EVE Acid	1000000 ug/L
...PFC_ST_01129	10/13/22		Chemours, Lot N/A				(Purchased Reagent) EVE Acid	1000000 ug/L
...PFC_ST_01130	10/13/22		Chemours, Lot N/A				(Purchased Reagent) R-PSDCA	1000000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...PFC ST 01131	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		Hydro-PS Acid	1000000 ug/L
...PFC ST 01132	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PS Acid	1000000 ug/L
...PFC ST 01133	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		TAF	1000000 ug/L
...PFC ST 01134	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PMPA	1000000 ug/L
...PFC ST 01135	10/13/22		Chemours, Lot N/A		(Purchased Reagent)		PEPA	1000000 ug/L
.PFC_ST_01219	01/13/26	Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)		13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
.PFC_ST_01549	06/01/24	Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)		11C1-PF3OUds	1860 ng/mL
							9C1-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NEtFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL
PFC_STD_XMOD7_00018	09/10/22	06/10/22	Methanol, Lot ED663-US	10 mL	PFC_IN_00699	0.5 mL	Perfluorooctadecanoic acid	100 ppb
							N-ethylperfluoro-1-octanesulfo namide	100 ppb
							NMeFOSA	100 ppb
							1H,1H,2H,2H-perfluorodecanesul fonic acid (8:2)	95.8 ppb
							1H,1H,2H,2H-perfluorododecanes ulfonic acid (10:2)	96.4 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	100 ppb
							2-(N-methylperfluoro-1-octanesulfonamido) ethanol	100 ppb
							Perfluorododecanesulfonic acid (PFDoS)	96.8 ppb
							Perfluorohexadecanoic acid	100 ppb
							Perfluorooctanesulfonamide	100 ppb
							1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	93.4 ppb
							1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	94.8 ppb
							Perfluorobutanoic acid	100 ppb
							Perfluoropentanoic acid	100 ppb
							Perfluorodecanesulfonic acid	96.4 ppb
							Perfluoroheptanesulfonic acid	95.2 ppb
							Perfluorononanesulfonic acid	96 ppb
							Perfluoropentanesulfonic acid	93.8 ppb
					PFC_IN_00700	0.5 mL	3:3 FTCA	100 ppb
							5:3 FTCA	100 ppb
							7:3 FTCA	100 ppb
							6:2 FTCA	100 ppb
							8:2 FTCA	100 ppb
							10:2 FTCA	100 ppb
							PFECA F	100 ppb
							PFECA A	100 ppb
							PFECA B	100 ppb
							PES	89 ppb
							PFECHS	92.2 ppb
							PFPPrS	91.6 ppb
							6:2 FTUCA	100 ppb
							8:2 FTUCA	100 ppb
							10:2 FTUCA	100 ppb
					PFC_IN_00701	0.05 mL	d5-NetPFOSA	10 ppb
							13C3 HFPO-DA	10 ppb
							M2-8:2 FTS	9.58 ppb
							M2-6:2 FTS	9.5 ppb
							d3-NMePFOSA	10 ppb
							13C-6:2 FTCA	10 ppb
							13C-10:2 FTCA	10 ppb
							13C-8:2 FTCA	10 ppb
							d3-NMeFOSAA	10 ppb
							d5-NetFOSAA	10 ppb
							d7-N-MeFOSE-M	10 ppb
							d9-N-EtFOSE-M	10 ppb
							13C8 FOSA	10 ppb
							M2-4:2 FTS	9.34 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C-6:2 FTUCA	10 ppb
							13C-8:2 FTUCA	10 ppb
							13C-10:2 FTUCA	10 ppb
					PFC_IN_00702	0.5 mL	PFECA G	100 ppb
							PPF Acid	100 ppb
							PFMOAA	100 ppb
							R-EVE	100 ppb
							R-PSDA	100 ppb
							Hydrolyzed PSDA	100 ppb
							PFO2HxA	100 ppb
							NVHOS	100 ppb
							PFO3OA	100 ppb
							PFO4DA	100 ppb
							Hydro-EVE Acid	100 ppb
							EVE Acid	100 ppb
							R-PSDCA	100 ppb
							Hydro-PS Acid	100 ppb
							PS Acid	100 ppb
							TAF	100 ppb
							PMPA	100 ppb
							PEPA	100 ppb
					PFC_ST_01219	0.05 mL	13C2 PFTeDA	10 ppb
							13C2-PFDoDA	10 ppb
							13C3 PFBS	9.3 ppb
							13C3 PFHxS	9.46 ppb
							13C4 PFBA	10 ppb
							13C4 PFHpA	10 ppb
							13C5 PFHxA	10 ppb
							13C5 PFPeA	10 ppb
							13C6 PFDA	10 ppb
							13C7 PFUnA	10 ppb
							13C8 PFOA	10 ppb
							13C8 PFOS	9.56 ppb
							13C9 PFNA	10 ppb
					PFC_ST_01249	0.025 mL	13C2 PFDA	5 ppb
							13C2 PFOA	5 ppb
							13C3-PFBA	5 ppb
							13C4 PFOS	4.7825 ppb
					PFC_ST_01549	0.5 mL	11C1-PF3OUds	93 ppb
							9C1-PF3ONS	93 ppb
							DONA	94.5 ppb
							HFPODA	100 ppb
							NEtFOSAA	100 ppb
							NMeFOSAA	100 ppb
							Perfluorobutanesulfonic acid	88.5 ppb
							Perfluorodecanoic acid	100 ppb
							Perfluorododecanoic acid	100 ppb
							Perfluoroheptanoic acid	100 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorohexanesulfonic acid	91.2 ppb
							Perfluorohexanoic acid	100 ppb
							Perfluorononanoic acid	100 ppb
							Perfluorooctanesulfonic acid	92.55 ppb
							Perfluorooctanoic acid	100 ppb
							Perfluorotetradecanoic acid	100 ppb
							Perfluorotridecanoic acid	100 ppb
							Perfluoroundecanoic acid	100 ppb
.PFC_IN_00699	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00747	0.2 mL	Perfluorooctadecanoic acid	2000 ng/mL
					PFC_ST_00971	0.2 mL	N-ethylperfluoro-1-octanesulfonamide	2000 ng/mL
					PFC_ST_00972	0.2 mL	NMeFOSA	2000 ng/mL
					PFC_ST_00976	0.2 mL	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1916 ng/mL
					PFC_ST_00977	0.2 mL	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	1928 ng/mL
					PFC_ST_01073	0.2 mL	2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01082	0.2 mL	2-(N-methylperfluoro-1-octanesulfonamido) ethanol	2000 ng/mL
					PFC_ST_01224	0.2 mL	Perfluorododecanesulfonic acid (PFDoS)	1936 ng/mL
					PFC_ST_01226	0.2 mL	Perfluorohexadecanoic acid	2000 ng/mL
					PFC_ST_01227	0.2 mL	Perfluorooctanesulfonamide	2000 ng/mL
					PFC_ST_01228	0.2 mL	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	1868 ng/mL
					PFC_ST_01229	0.2 mL	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1896 ng/mL
					PFC_ST_01232	0.2 mL	Perfluorobutanoic acid	2000 ng/mL
					PFC_ST_01233	0.2 mL	Perfluoropentanoic acid	2000 ng/mL
					PFC_ST_01234	0.2 mL	Perfluorodecanesulfonic acid	1928 ng/mL
					PFC_ST_01235	0.2 mL	Perfluoroheptanesulfonic acid	1904 ng/mL
					PFC_ST_01236	0.2 mL	Perfluorononanesulfonic acid	1920 ng/mL
					PFC_ST_01237	0.2 mL	Perfluoropentanesulfonic acid	1876 ng/mL
..PFC_ST_00747	11/13/25	Wellington Laboratories, Lot PFODA1020			(Purchased Reagent)		Perfluorooctadecanoic acid	50000 ng/mL
..PFC_ST_00971	11/23/25	Wellington Laboratories, Lot NETFOSA1120M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50000 ng/mL
..PFC_ST_00972	10/20/25	Wellington Laboratories, Lot NMeFOSA1020M			(Purchased Reagent)		NMeFOSA	50000 ng/mL
..PFC_ST_00976	12/01/25	Wellington Laboratories, Lot 82FTS1120			(Purchased Reagent)		1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	47900 ng/mL
..PFC_ST_00977	03/03/26	Wellington Laboratories, Lot 102FTS0221			(Purchased Reagent)		1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)	48200 ng/mL
..PFC_ST_01073	06/02/26	Wellington Laboratories, Lot NETFOSE0521M			(Purchased Reagent)		2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL
..PFC_ST_01082	06/02/26	Wellington Laboratories, Lot NMeFOSE0521M			(Purchased Reagent)		2-(N-methylperfluoro-1-octanesulfonamido) ethanol	50000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..PFC_ST_01224	02/16/23		Wellington Laboratories, Lot LPFDoS0721		(Purchased Reagent)		Perfluorododecanesulfonic acid (PFDoS)	48400 ng/mL
..PFC ST 01226	05/07/26		Wellington Laboratories, Lot PFHxDA0421		(Purchased Reagent)		Perfluorohexadecanoic acid	50000 ng/mL
..PFC ST 01227	08/10/26		Wellington Laboratories, Lot FOSA0721I		(Purchased Reagent)		Perfluorooctanesulfonamide	50000 ng/mL
..PFC_ST_01228	10/04/26		Wellington Laboratories, Lot 42FTS0921		(Purchased Reagent)		1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	46700 ng/mL
..PFC_ST_01229	06/09/26		Wellington Laboratories, Lot 62FTS0521		(Purchased Reagent)		1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	47400 ng/mL
..PFC ST 01232	10/04/26		Wellington Laboratories, Lot PFBA1021		(Purchased Reagent)		Perfluorobutanoic acid	50000 ng/mL
..PFC ST 01233	08/10/26		Wellington Laboratories, Lot PFPeA0721		(Purchased Reagent)		Perfluoropentanoic acid	50000 ng/mL
..PFC ST 01234	08/19/26		Wellington Laboratories, Lot LPFDS0821		(Purchased Reagent)		Perfluorodecanesulfonic acid	48200 ng/mL
..PFC ST 01235	07/09/26		Wellington Laboratories, Lot LPFHps0721		(Purchased Reagent)		Perfluoroheptanesulfonic acid	47600 ng/mL
..PFC ST 01236	10/19/26		Wellington Laboratories, Lot LPFNS1021		(Purchased Reagent)		Perfluorononanesulfonic acid	48000 ng/mL
..PFC ST 01237	07/12/26		Wellington Laboratories, Lot LPFPeS0721		(Purchased Reagent)		Perfluoropentanesulfonic acid	46900 ng/mL
.PFC_IN_00700	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_01094	0.2 mL	3:3 FTCA	2000 ppb
					PFC_ST_01095	0.2 mL	5:3 FTCA	2000 ppb
					PFC_ST_01096	0.2 mL	7:3 FTCA	2000 ppb
					PFC_ST_01097	0.2 mL	6:2 FTCA	2000 ppb
					PFC_ST_01098	0.2 mL	8:2 FTCA	2000 ppb
					PFC_ST_01099	0.2 mL	10:2 FTCA	2000 ppb
					PFC_ST_01103	0.2 mL	PFECA F	2000 ppb
					PFC_ST_01104	0.2 mL	PFECA A	2000 ppb
					PFC_ST_01105	0.2 mL	PFECA B	2000 ppb
					PFC_ST_01106	0.2 mL	PES	1780 ppb
					PFC_ST_01107	0.2 mL	PFECHS	1844 ppb
					PFC_ST_01223	0.2 mL	PFPrS	1832 ppb
					PFC_ST_01367	0.2 mL	6:2 FTUCA	2000 ppb
					PFC_ST_01368	0.2 mL	8:2 FTUCA	2000 ppb
					PFC_ST_01369	0.2 mL	10:2 FTUCA	2000 ppb
..PFC ST 01094	11/12/25		Wellington Laboratories, Lot FPrPA1020		(Purchased Reagent)		3:3 FTCA	50000 ng/mL
..PFC ST 01095	11/11/25		Wellington Laboratories, Lot FPePA1120		(Purchased Reagent)		5:3 FTCA	50000 ng/mL
..PFC ST 01096	11/12/25		Wellington Laboratories, Lot FHpPA1020		(Purchased Reagent)		7:3 FTCA	50000 ng/mL
..PFC ST 01097	03/08/24		Wellington Laboratories, Lot FHEA0321		(Purchased Reagent)		6:2 FTCA	50000 ng/mL
..PFC ST 01098	08/18/24		Wellington Laboratories, Lot FOEA0821		(Purchased Reagent)		8:2 FTCA	50000 ng/mL
..PFC ST 01099	07/07/23		Wellington Laboratories, Lot FDEA0720		(Purchased Reagent)		10:2 FTCA	50000 ng/mL
..PFC ST 01103	03/31/25		Wellington Laboratories, Lot PF40PeA0320		(Purchased Reagent)		PFECA F	50000 ng/mL
..PFC ST 01104	03/31/25		Wellington Laboratories, Lot PF50HxA0320		(Purchased Reagent)		PFECA A	50000 ng/mL
..PFC ST 01105	03/31/25		Wellington Laboratories, Lot 36OPFHxA0320		(Purchased Reagent)		PFECA B	50000 ng/mL
..PFC ST 01106	05/13/25		Wellington Laboratories, Lot PFESA0520		(Purchased Reagent)		PES	44500 ppb
..PFC ST 01107	04/06/26		Wellington Laboratoires, Lot PFECHS0421		(Purchased Reagent)		PFECHS	46100 ppb
..PFC ST 01223	07/12/26		Wellington Laboratories, Lot LPFPrS0721		(Purchased Reagent)		PFPrS	45800 ppb
..PFC ST 01367	09/03/23		Wellington Laboratories, Lot FHUEA0921		(Purchased Reagent)		6:2 FTUCA	50000 ng/mL
..PFC ST 01368	03/29/23		Wellington Laboratories, Lot FOUEA0321		(Purchased Reagent)		8:2 FTUCA	50000 ng/mL
..PFC ST 01369	03/29/23		Wellington Laboratories, Lot FDUEA1021		(Purchased Reagent)		10:2 FTUCA	50000 ng/mL
.PFC_IN_00701	12/09/22	06/09/22	Methanol, Lot ED319-US	5 mL	PFC_ST_00981	0.2 mL	d5-NetPFOSA	2000 ppb
					PFC_ST_00984	0.2 mL	13C3 HFPO-DA	2000 ppb
					PFC_ST_00985	0.2 mL	M2-8:2 FTS	1916 ppb
					PFC_ST_00986	0.2 mL	M2-6:2 FTS	1900 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					PFC_ST_01081	0.2 mL	d3-NMePFOSA	2000 ppb
					PFC_ST_01108	0.2 mL	13C-6:2 FTCA	2000 ppb
					PFC_ST_01109	0.2 mL	13C-10:2 FTCA	2000 ppb
					PFC_ST_01113	0.2 mL	13C-8:2 FTCA	2000 ppb
					PFC_ST_01215	0.2 mL	d3-NMeFOSAA	2000 ppb
					PFC_ST_01216	0.2 mL	d5-NEtFOSAA	2000 ppb
					PFC_ST_01293	0.2 mL	d7-N-MeFOSE-M	2000 ppb
					PFC_ST_01295	0.2 mL	d9-N-EtFOSE-M	2000 ppb
					PFC_ST_01411	0.2 mL	13C8 FOSA	2000 ppb
					PFC_ST_01412	0.2 mL	M2-4:2 FTS	1868 ppb
					PFC_ST_01467	0.2 mL	13C-6:2 FTUCA	2000 ppb
					PFC_ST_01468	0.2 mL	13C-8:2 FTUCA	2000 ppb
					PFC_ST_01469	0.2 mL	13C-10:2 FTUCA	2000 ppb
..PFC_ST_00981	11/23/25		Wellington Laboratories, Lot dNetFOSA1120M		(Purchased Reagent)		d5-NEtPFOSA	50000 ng/mL
..PFC_ST_00984	05/13/24		Wellington Laboratories, Lot M3HFPODA0521		(Purchased Reagent)		13C3 HFPO-DA	50000 ng/mL
..PFC_ST_00985	12/17/25		Wellington Laboratories, Lot M282FTS1220		(Purchased Reagent)		M2-8:2 FTS	47900 ng/mL
..PFC_ST_00986	05/14/26		Wellington Laboratories, Lot M262FTS0521		(Purchased Reagent)		M2-6:2 FTS	47500 ng/mL
..PFC_ST_01081	04/04/23		Wellington Laboratories, Lot dNMeFOSA0421M		(Purchased Reagent)		d3-NMePFOSA	50000 ng/mL
..PFC_ST_01108	04/04/23		Wellington Laboratories, Lot MFHEA0421		(Purchased Reagent)		13C-6:2 FTCA	50000 ppb
..PFC_ST_01109	04/04/23		Wellington Laboratories, Lot MFDEA0817		(Purchased Reagent)		13C-10:2 FTCA	50000 ppb
..PFC_ST_01113	04/04/23		Wellington Laboratories, Lot MFOEA1020		(Purchased Reagent)		13C-8:2 FTCA	50000 ppb
..PFC_ST_01215	04/04/23		Wellington Laboratories, Lot d3NMeFOSAA0521		(Purchased Reagent)		d3-NMeFOSAA	50000 ng/mL
..PFC_ST_01216	04/04/23		Wellington Laboratories, Lot d5NEtFOSAA0921		(Purchased Reagent)		d5-NEtFOSAA	50000 ng/mL
..PFC_ST_01293	02/10/23		Wellington Laboratories, Lot d7NMeFOSE1220M		(Purchased Reagent)		d7-N-MeFOSE-M	50000 ng/mL
..PFC_ST_01295	02/10/23		Wellington Laboratories, Lot d9NEtFOSE1220M		(Purchased Reagent)		d9-N-EtFOSE-M	50000 ng/mL
..PFC_ST_01411	10/12/26		Wellington Laboratories, Lot M8FOSA0921I		(Purchased Reagent)		13C8 FOSA	50000 ng/mL
..PFC_ST_01412	10/13/26		Wellington Laboratories, Lot M242FTS01021		(Purchased Reagent)		M2-4:2 FTS	46700 ng/mL
..PFC_ST_01467	03/22/23		Wellington Laboratories, Lot MFHUEA0322		(Purchased Reagent)		13C-6:2 FTUCA	50000 ppb
..PFC_ST_01468	03/22/23		Wellington Laboratories, Lot MFOUEA1121		(Purchased Reagent)		13C-8:2 FTUCA	50000 ppb
..PFC_ST_01469	03/22/23		Wellington Laboratories, Lot MFDUEA1221		(Purchased Reagent)		13C-10:2 FTUCA	50000 ppb
.PFC_IN_00702	10/13/22	06/10/22	Methanol, Lot ED663-US	5 mL	PFC_IN_00698	1 mL	PFECA G	2000 ppb
							PPF Acid	2000 ppb
							PFMOAA	2000 ppb
							R-EVE	2000 ppb
							R-PSDA	2000 ppb
							Hydrolyzed PSDA	2000 ppb
							PFO2HxA	2000 ppb
							NVHOS	2000 ppb
							PFO3OA	2000 ppb
							PFO4DA	2000 ppb
							Hydro-EVE Acid	2000 ppb
							EVE Acid	2000 ppb
							R-PSDCA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hydro-PS Acid	2000 ppb
							PS Acid	2000 ppb
							TAF	2000 ppb
							PMPA	2000 ppb
							PEPA	2000 ppb
..PFC_IN_00698	10/13/22	06/09/22	Methanol, Lot ED319-US	10 mL	PFC_ST_00199	0.1 mL	PFECA G	10000 ppb
					PFC_ST_00329	0.1 mL	PPF Acid	10000 ppb
					PFC_ST_01117	0.1 mL	PFMOAA	10000 ppb
					PFC_ST_01118	0.1 mL	R-EVE	10000 ppb
					PFC_ST_01119	0.1 mL	R-PSDA	10000 ppb
					PFC_ST_01120	0.1 mL	Hydrolyzed PSDA	10000 ppb
					PFC_ST_01121	0.1 mL	PFO2HxA	10000 ppb
					PFC_ST_01122	0.1 mL	NVHOS	10000 ppb
					PFC_ST_01124	0.1 mL	PFO3OA	10000 ppb
					PFC_ST_01127	0.1 mL	PFO4DA	10000 ppb
					PFC_ST_01128	0.1 mL	Hydro-EVE Acid	10000 ppb
					PFC_ST_01129	0.1 mL	EVE Acid	10000 ppb
					PFC_ST_01130	0.1 mL	R-PSDCA	10000 ppb
					PFC_ST_01131	0.1 mL	Hydro-PS Acid	10000 ppb
					PFC_ST_01132	0.1 mL	PS Acid	10000 ppb
					PFC_ST_01133	0.1 mL	TAF	10000 ppb
					PFC_ST_01134	0.1 mL	PMPA	10000 ppb
					PFC_ST_01135	0.1 mL	PEPA	10000 ppb
...PFC_ST_00199	02/26/23		Chemours, Lot N/A			(Purchased Reagent)	PFECA G	1000000 ug/L
...PFC_ST_00329	02/26/23		Chemours, Lot N/A			(Purchased Reagent)	PPF Acid	1000000 ug/L
...PFC_ST_01117	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PFMOAA	1000000 ug/L
...PFC_ST_01118	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	R-EVE	1000000 ug/L
...PFC_ST_01119	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	R-PSDA	1000000 ug/L
...PFC_ST_01120	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	Hydrolyzed PSDA	1000000 ug/L
...PFC_ST_01121	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PFO2HxA	1000000 ug/L
...PFC_ST_01122	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	NVHOS	1000000 ug/L
...PFC_ST_01124	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PFO3OA	1000000 ug/L
...PFC_ST_01127	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PFO4DA	1000000 ug/L
...PFC_ST_01128	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	Hydro-EVE Acid	1000000 ug/L
...PFC_ST_01129	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	EVE Acid	1000000 ug/L
...PFC_ST_01130	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	R-PSDCA	1000000 ug/L
...PFC_ST_01131	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	Hydro-PS Acid	1000000 ug/L
...PFC_ST_01132	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PS Acid	1000000 ug/L
...PFC_ST_01133	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	TAF	1000000 ug/L
...PFC_ST_01134	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PMPA	1000000 ug/L
...PFC_ST_01135	10/13/22		Chemours, Lot N/A			(Purchased Reagent)	PEPA	1000000 ug/L
.PFC_ST_01219	01/13/26		Wellington Laboratories, Lot MPFACCES0121			(Purchased Reagent)	13C2 PFTeDA	2000 ppb
							13C2-PFDoDA	2000 ppb
							13C3 PFBS	1860 ppb
							13C3 PFHxS	1892 ppb
							13C4 PFBA	2000 ppb
							13C4 PFHpA	2000 ppb
							13C5 PFHxA	2000 ppb

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C5 PFPeA	2000 ppb
							13C6 PFDA	2000 ppb
							13C7 PFUnA	2000 ppb
							13C8 PFOA	2000 ppb
							13C8 PFOS	1912 ppb
							13C9 PFNA	2000 ppb
.PFC_ST_01249	04/26/26	Wellington Laboratories, Lot MPFACCIS0516			(Purchased Reagent)		13C2 PFDA	2000 ng/mL
							13C2 PFOA	2000 ng/mL
							13C3-PFBA	2000 ng/mL
							13C4 PFOS	1913 ng/mL
.PFC_ST_01549	06/01/24	Wellington Laboratories, Lot 537PDSR10521			(Purchased Reagent)		11Cl-PF3OUds	1860 ng/mL
							9Cl-PF3ONS	1860 ng/mL
							DONA	1890 ng/mL
							HFPODA	2000 ng/mL
							NEtFOSAA	2000 ng/mL
							NMeFOSAA	2000 ng/mL
							Perfluorobutanesulfonic acid	1770 ng/mL
							Perfluorodecanoic acid	2000 ng/mL
							Perfluorododecanoic acid	2000 ng/mL
							Perfluoroheptanoic acid	2000 ng/mL
							Perfluorohexanesulfonic acid	1824 ng/mL
							Perfluorohexanoic acid	2000 ng/mL
							Perfluorononanoic acid	2000 ng/mL
							Perfluorooctanesulfonic acid	1851 ng/mL
							Perfluorooctanoic acid	2000 ng/mL
							Perfluorotetradecanoic acid	2000 ng/mL
							Perfluorotridecanoic acid	2000 ng/mL
							Perfluoroundecanoic acid	2000 ng/mL

Method 8260C

Volatile Organic Compounds (GC/MS)
by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
WC-GSP-S-071822	240-170019-3	127	137 S1+	115	113
	LCS 240-536683/5	123	121	119	118
WC-GSP-S-071822 MS	240-170019-3 MS	125	123	114	116
WC-GSP-S-071822 MSD	240-170019-3 MSD	122	125	118	114

DBFM = Dibromofluoromethane (Surr)
 DCA = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
 41-138
 58-125
 56-125
 41-143

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-071822	240-170019-1	103	94	95	86
WC-GSP-W-071822	240-170019-2	105	97	98	89
	MB 240-535640/8	103	94	95	88
	LCS 240-535640/5	104	95	99	93

DBFM = Dibromofluoromethane (Surr)
 DCA = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
 73-120
 62-137
 78-122
 56-136

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX003549.D
 Lab ID: LCS 240-535640/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	35.1	88	50-149	
Benzene	20.0	18.7	94	77-123	
Bromoform	20.0	15.9	79	57-129	
Bromomethane	20.0	13.5	68	36-142	
2-Butanone (MEK)	40.0	33.9	85	54-156	
Carbon disulfide	20.0	18.4	92	43-140	
Carbon tetrachloride	20.0	18.2	91	55-137	
Chlorobenzene	20.0	18.3	92	80-121	
Chlorodibromomethane	20.0	16.9	84	70-124	
Chloroethane	20.0	20.7	104	38-152	
Chloroform	20.0	19.1	95	74-122	
Chloromethane	20.0	17.2	86	47-143	
cis-1,2-Dichloroethene	20.0	18.7	94	77-123	
cis-1,3-Dichloropropene	20.0	16.9	84	64-130	
Cyclohexane	20.0	16.7	83	58-146	
1,2-Dibromo-3-Chloropropane	20.0	15.9	79	53-135	
1,2-Dichlorobenzene	20.0	18.4	92	78-120	
1,3-Dichlorobenzene	20.0	17.9	89	80-120	
1,4-Dichlorobenzene	20.0	18.2	91	80-120	
Dichlorobromomethane	20.0	18.1	91	69-126	
Dichlorodifluoromethane	20.0	21.2	106	34-153	
1,1-Dichloroethane	20.0	17.4	87	72-127	
1,2-Dichloroethane	20.0	18.2	91	66-128	
1,1-Dichloroethene	20.0	18.3	92	63-134	
1,2-Dichloropropane	20.0	17.7	89	75-133	
Ethylbenzene	20.0	17.5	88	80-121	
Ethylene Dibromide	20.0	17.7	89	71-134	
2-Hexanone	40.0	32.1	80	43-167	
Isopropylbenzene	20.0	16.1	81	74-128	
Methyl acetate	40.0	31.3	78	42-169	
Methylcyclohexane	20.0	15.1	75	62-136	
Methylene Chloride	20.0	17.2	86	71-125	
4-Methyl-2-pentanone (MIBK)	40.0	32.8	82	46-158	
Methyl tert-butyl ether	20.0	17.3	86	65-126	
m-Xylene & p-Xylene	20.0	17.1	86	80-120	
o-Xylene	20.0	17.5	87	80-123	
Styrene	20.0	17.6	88	80-135	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	58-157	
Tetrachloroethene	20.0	18.9	95	76-123	
Toluene	20.0	17.9	89	80-123	
trans-1,2-Dichloroethene	20.0	17.6	88	75-124	
trans-1,3-Dichloropropene	20.0	16.8	84	57-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX003549.D
 Lab ID: LCS 240-535640/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	20.0	16.7	83	44-147	
1,1,1-Trichloroethane	20.0	18.2	91	64-131	
1,1,2-Trichloroethane	20.0	18.6	93	70-138	
Trichloroethene	20.0	19.4	97	70-122	
Trichlorofluoromethane	20.0	20.9	105	30-170	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.6	98	51-146	
Vinyl chloride	20.0	18.5	92	60-144	
Xylenes, Total	40.0	34.6	87	80-121	

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 193688.D
 Lab ID: LCS 240-536683/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acetone	100	104	104	58-160	
Benzene	50.0	50.8	102	76-121	
Bromoform	50.0	42.6	85	57-140	
Bromomethane	20.0	11.9	60	10-171	
2-Butanone (MEK)	100	95.3	95	63-142	
Carbon disulfide	50.0	53.5	107	43-152	
Carbon tetrachloride	50.0	54.4	109	64-144	
Chlorobenzene	50.0	49.0	98	80-120	
Chlorodibromomethane	50.0	45.2	90	68-131	
Chloroethane	20.0	11.5	58	11-164	
Chloroform	50.0	50.9	102	78-120	
Chloromethane	20.0	16.4	82	41-142	
cis-1,2-Dichloroethene	50.0	50.5	101	78-124	
cis-1,3-Dichloropropene	50.0	51.4	103	70-133	
Cyclohexane	50.0	52.5	105	65-137	
1,2-Dibromo-3-Chloropropane	50.0	48.7	97	52-133	
1,2-Dichlorobenzene	50.0	49.5	99	73-120	
1,3-Dichlorobenzene	50.0	49.3	99	73-120	
1,4-Dichlorobenzene	50.0	48.7	97	74-120	
Dichlorobromomethane	50.0	50.9	102	71-138	
Dichlorodifluoromethane	20.0	16.4	82	21-150	
1,1-Dichloroethane	50.0	50.2	100	74-121	
1,2-Dichloroethane	50.0	48.6	97	71-123	
1,1-Dichloroethene	50.0	53.9	108	68-141	
1,2-Dichloropropane	50.0	50.4	101	76-126	
Ethylbenzene	50.0	49.9	100	80-120	
Ethylene Dibromide	50.0	49.1	98	80-121	
2-Hexanone	100	98.2	98	65-142	
Isopropylbenzene	50.0	50.6	101	80-130	
Methyl acetate	100	91.9	92	60-133	
Methylcyclohexane	50.0	51.3	103	70-138	
Methylene Chloride	50.0	43.8	88	71-124	
4-Methyl-2-pentanone (MIBK)	100	93.4	93	62-142	
Methyl tert-butyl ether	50.0	47.9	96	70-130	
m-Xylene & p-Xylene	50.0	50.2	100	80-122	
o-Xylene	50.0	50.4	101	80-124	
Styrene	50.0	50.1	100	75-140	
1,1,2,2-Tetrachloroethane	50.0	48.5	97	66-129	
Tetrachloroethene	50.0	51.0	102	76-127	
Toluene	50.0	49.3	99	80-120	
trans-1,2-Dichloroethene	50.0	49.1	98	76-130	
trans-1,3-Dichloropropene	50.0	51.6	103	61-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 193688.D
 Lab ID: LCS 240-536683/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	50.0	50.0	100	58-132	
1,1,1-Trichloroethane	50.0	52.3	105	74-136	
1,1,2-Trichloroethane	50.0	49.9	100	79-120	
Trichloroethene	50.0	52.1	104	74-130	
Trichlorofluoromethane	20.0	14.3	71	50-154	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.6	109	64-148	
Vinyl chloride	20.0	15.6	78	49-146	
Xylenes, Total	100	101	101	80-122	

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.: _____

Matrix: Solid Level: Low

Lab File ID: 193693.D

Lab ID: 240-170019-3 MS

Client ID: WC-GSP-S-071822 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	117	39	109	60	35-167	
Benzene	58.5	0.81 U	54.5	93	39-134	
Bromoform	58.5	2.8 U	34.9	60	12-144	
Bromomethane	23.4	4.8 U	8.89	38	10-161	
2-Butanone (MEK)	117	4.1 U	88.9	76	30-157	
Carbon disulfide	58.5	1.3 U	65.3	112	24-153	
Carbon tetrachloride	58.5	3.8 U	63.9	109	37-145	
Chlorobenzene	58.5	1.1 U	48.6	83	18-134	
Chlorodibromomethane	58.5	3.2 U	38.1	65	25-143	
Chloroethane	23.4	3.2 U	14.6	63	14-159	
Chloroform	58.5	0.91 U	52.2	89	43-134	
Chloromethane	23.4	2.6 U	19.9	85	32-151	
cis-1,2-Dichloroethene	58.5	1.7 U	52.1	89	48-132	
cis-1,3-Dichloropropene	58.5	3.3 U	45.2	77	23-139	
Cyclohexane	58.5	1.6 U	64.6	110	31-147	
1,2-Dibromo-3-Chloropropane	58.5	4.2 U	41.0	70	12-144	
1,2-Dichlorobenzene	58.5	1.3 U	42.3	72	10-126	
1,3-Dichlorobenzene	58.5	0.94 U	43.9	75	10-131	
1,4-Dichlorobenzene	58.5	1.0 U	43.1	74	10-129	
Dichlorobromomethane	58.5	1.7 U	45.5	78	32-146	
Dichlorodifluoromethane	23.4	1.1 U	21.5	92	16-157	
1,1-Dichloroethane	58.5	0.80 U	53.8	92	46-135	
1,2-Dichloroethane	58.5	0.89 U	43.6	74	40-132	
1,1-Dichloroethene	58.5	2.1 U	68.5	117	44-160	
1,2-Dichloropropane	58.5	0.98 U	50.0	85	45-133	
Ethylbenzene	58.5	1.2 U	54.0	92	17-137	
Ethylene Dibromide	58.5	0.89 U	41.3	70	31-142	
2-Hexanone	117	4.7 U	83.4	71	20-166	
Isopropylbenzene	58.5	2.2 U	54.5	93	10-146	
Methyl acetate	117	3.9 U	89.1	76	13-164	
Methylcyclohexane	58.5	1.4 U	59.8	102	20-153	
Methylene Chloride	58.5	14 U	46.4	79	38-145	
4-Methyl-2-pentanone (MIBK)	117	4.3 U	79.5	68	31-159	
Methyl tert-butyl ether	58.5	2.3 U	42.7	73	55-134	
m-Xylene & p-Xylene	58.5	0.91 U	53.5	91	10-141	
o-Xylene	58.5	1.0 U	51.4	88	18-139	
Styrene	58.5	1.3 U	48.1	82	10-149	
1,1,2,2-Tetrachloroethane	58.5	1.7 U	41.3	71	26-159	
Tetrachloroethene	58.5	0.84 U	58.0	99	19-147	
Toluene	58.5	0.89 U	50.3	86	30-137	
trans-1,2-Dichloroethene	58.5	1.6 U	58.1	99	41-145	
trans-1,3-Dichloropropene	58.5	4.3 U	41.1	70	19-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 193693.D
 Lab ID: 240-170019-3 MS Client ID: WC-GSP-S-071822 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	58.5	2.9 U	35.0	60	10-120	
1,1,1-Trichloroethane	58.5	2.0 U	60.6	104	46-144	
1,1,2-Trichloroethane	58.5	1.3 U	42.3	72	26-149	
Trichloroethene	58.5	0.73 U	59.5	102	21-158	
Trichlorofluoromethane	23.4	3.1 U	18.3	78	36-161	
1,1,2-Trichloro-1,2,2-trifluor oethane	58.5	1.5 U	69.3	118	35-164	
Vinyl chloride	23.4	2.0 U	19.5	83	32-163	
Xylenes, Total	117	1.8 U	105	90	17-138	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.:

Matrix: Solid Level: Low

Lab File ID: 193694.D

Lab ID: 240-170019-3 MSD

Client ID: WC-GSP-S-071822 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	116	113	64	3	40	35-167	
Benzene	58.2	53.2	92	2	40	39-134	
Bromoform	58.2	34.4	59	1	40	12-144	
Bromomethane	23.3	10.5	45	16	40	10-161	
2-Butanone (MEK)	116	82.4	71	8	40	30-157	
Carbon disulfide	58.2	60.2	103	8	40	24-153	
Carbon tetrachloride	58.2	62.2	107	3	38	37-145	
Chlorobenzene	58.2	48.1	83	1	40	18-134	
Chlorodibromomethane	58.2	38.2	66	0	40	25-143	
Chloroethane	23.3	13.8	59	6	40	14-159	
Chloroform	58.2	51.4	88	1	36	43-134	
Chloromethane	23.3	18.3	79	8	38	32-151	
cis-1,2-Dichloroethene	58.2	50.6	87	3	37	48-132	
cis-1,3-Dichloropropene	58.2	45.3	78	0	39	23-139	
Cyclohexane	58.2	59.8	103	8	39	31-147	
1,2-Dibromo-3-Chloropropane	58.2	41.7	72	2	40	12-144	
1,2-Dichlorobenzene	58.2	42.4	73	0	40	10-126	
1,3-Dichlorobenzene	58.2	43.8	75	0	40	10-131	
1,4-Dichlorobenzene	58.2	42.7	73	1	40	10-129	
Dichlorobromomethane	58.2	45.6	78	0	39	32-146	
Dichlorodifluoromethane	23.3	20.7	89	4	40	16-157	
1,1-Dichloroethane	58.2	52.2	90	3	36	46-135	
1,2-Dichloroethane	58.2	44.1	76	1	35	40-132	
1,1-Dichloroethene	58.2	64.8	111	6	37	44-160	
1,2-Dichloropropane	58.2	48.9	84	2	37	45-133	
Ethylbenzene	58.2	53.4	92	1	40	17-137	
Ethylene Dibromide	58.2	41.6	72	1	40	31-142	
2-Hexanone	116	81.1	70	3	40	20-166	
Isopropylbenzene	58.2	55.4	95	2	40	10-146	
Methyl acetate	116	79.7	68	11	40	13-164	
Methylcyclohexane	58.2	58.3	100	3	40	20-153	
Methylene Chloride	58.2	44.0	76	5	40	38-145	
4-Methyl-2-pentanone (MIBK)	116	77.3	66	3	40	31-159	
Methyl tert-butyl ether	58.2	41.3	71	3	37	55-134	
m-Xylene & p-Xylene	58.2	52.2	90	2	40	10-141	
o-Xylene	58.2	51.6	89	1	40	18-139	
Styrene	58.2	46.8	80	3	40	10-149	
1,1,2,2-Tetrachloroethane	58.2	40.6	70	2	40	26-159	
Tetrachloroethene	58.2	56.7	97	2	40	19-147	
Toluene	58.2	52.3	90	4	40	30-137	
trans-1,2-Dichloroethene	58.2	56.9	98	2	37	41-145	
trans-1,3-Dichloropropene	58.2	43.8	75	6	40	19-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 193694.D
 Lab ID: 240-170019-3 MSD Client ID: WC-GSP-S-071822 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trichlorobenzene	58.2	36.7	63	5	40	10-120	
1,1,1-Trichloroethane	58.2	59.9	103	1	37	46-144	
1,1,2-Trichloroethane	58.2	43.2	74	2	40	26-149	
Trichloroethene	58.2	56.5	97	5	40	21-158	
Trichlorofluoromethane	23.3	17.6	76	4	40	36-161	
1,1,2-Trichloro-1,2,2-trifluor oethane	58.2	64.9	112	7	37	35-164	
Vinyl chloride	23.3	18.8	81	4	38	32-163	
Xylenes, Total	116	104	89	1	40	17-138	

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: UX003552.D Lab Sample ID: MB 240-535640/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX9 Date Analyzed: 07/21/2022 13:04
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-535640/5	UX003549.D	07/21/2022 11:51
TB-071822	240-170019-1	UX003555.D	07/21/2022 14:18
WC-GSP-W-071822	240-170019-2	UX003556.D	07/21/2022 14:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: BFB19224.D BFB Injection Date: 06/15/2022
 Instrument ID: A3UX18 BFB Injection Time: 19:19
 Analysis Batch No.: 530870

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	Greater than 50% of mass 95	77.5	
175	5.0 - 9.0 % of mass 174	5.7	(7.3) 1
176	95.0 - 101.0 % of mass 174	74.2	(95.9) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-530870/4	193225.D	06/15/2022	20:24
	IC 240-530870/5	193226.D	06/15/2022	20:49
	IC 240-530870/6	193227.D	06/15/2022	21:15
	IC 240-530870/7	193228.D	06/15/2022	21:40
	IC 240-530870/8	193229.D	06/15/2022	22:06
	IC 240-530870/9	193230.D	06/15/2022	22:32
	IC 240-530870/10	193231.D	06/15/2022	22:57
	IC 240-530870/11	193232.D	06/15/2022	23:22
	IC 240-530870/12	193233.D	06/15/2022	23:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: BFB19230.D BFB Injection Date: 06/22/2022
 Instrument ID: A3UX18 BFB Injection Time: 12:26
 Analysis Batch No.: 531795

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.7	
75	30.0 - 60.0 % of mass 95	48.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	73.4	
175	5.0 - 9.0 % of mass 174	5.4	(7.4) 1
176	95.0 - 101.0 % of mass 174	71.1	(96.9) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-531795/3	193284.D	06/22/2022	13:04
	IC 240-531795/4	193285.D	06/22/2022	13:29
	IC 240-531795/5	193286.D	06/22/2022	13:54
	IC 240-531795/6	193287.D	06/22/2022	14:39
	IC 240-531795/7	193288.D	06/22/2022	15:04
	ICIS 240-531795/8	193289.D	06/22/2022	15:30
	IC 240-531795/9	193290.D	06/22/2022	15:55
	IC 240-531795/10	193291.D	06/22/2022	16:21
	IC 240-531795/11	193292.D	06/22/2022	16:46

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: BFB19249.D BFB Injection Date: 07/28/2022
 Instrument ID: A3UX18 BFB Injection Time: 20:08
 Analysis Batch No.: 536683

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.5	
75	30.0 - 60.0 % of mass 95	48.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	73.4	
175	5.0 - 9.0 % of mass 174	5.7	(7.8) 1
176	95.0 - 101.0 % of mass 174	71.0	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-536683/3	193686.D	07/28/2022	20:47
	CCVIS 240-536683/4	193687.D	07/28/2022	21:24
	LCS 240-536683/5	193688.D	07/28/2022	21:49
WC-GSP-S-071822	240-170019-3	193691.D	07/28/2022	23:19
WC-GSP-S-071822 MS	240-170019-3 MS	193693.D	07/29/2022	0:10
WC-GSP-S-071822 MSD	240-170019-3 MSD	193694.D	07/29/2022	0:35

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: BFB1493.D BFB Injection Date: 03/21/2022
 Instrument ID: A3UX9 BFB Injection Time: 15:34
 Analysis Batch No.: 520426

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.0
75	30.0 - 60.0 % of mass 95	49.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	73.4
175	5.0 - 9.0 % of mass 174	5.7 (7.8) 1
176	95.0 - 101.0 % of mass 174	71.9 (98.0) 1
177	5.0 - 9.0 % of mass 176	4.2 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-520426/8	UX000684.D	03/21/2022	16:23
	STD8260 240-520426/9	UX000685.D	03/21/2022	16:48
	STD8260 240-520426/10	UX000686.D	03/21/2022	17:12
	ICIS 240-520426/11	UX000687.D	03/21/2022	17:37
	STD8260 240-520426/12	UX000688.D	03/21/2022	18:01
	STD8260 240-520426/13	UX000689.D	03/21/2022	18:25
	STD8260 240-520426/14	UX000690.D	03/21/2022	18:50
	ICV 240-520426/15	UX000691.D	03/21/2022	19:14
	ICV 240-520426/24	UX000700.D	03/21/2022	22:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab File ID: BFB1604.D BFB Injection Date: 07/21/2022
 Instrument ID: A3UX9 BFB Injection Time: 10:34
 Analysis Batch No.: 535640

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	80.8	
175	5.0 - 9.0 % of mass 174	6.2	(7.6) 1
176	95.0 - 101.0 % of mass 174	77.3	(95.7) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-535640/3	UX003547b.D	07/21/2022	11:02
	CCV 240-535640/4	UX003548.D	07/21/2022	11:26
	LCS 240-535640/5	UX003549.D	07/21/2022	11:51
	MB 240-535640/8	UX003552.D	07/21/2022	13:04
TB-071822	240-170019-1	UX003555.D	07/21/2022	14:18
WC-GSP-W-071822	240-170019-2	UX003556.D	07/21/2022	14:42

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: ICIS 240-531795/8 Date Analyzed: 06/22/2022 15:30
 Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): 193289.D Heated Purge: (Y/N) Y
 Calibration ID: 66356

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	1086076	6.46	797704	9.21	407725	11.18
UPPER LIMIT	2172152	6.96	1595408	9.71	815450	11.68
LOWER LIMIT	543038	5.96	398852	8.71	203863	10.68
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 240-536683/4	1145216	6.46	850589	9.20	438245	11.18

FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4
 Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: CCVIS 240-536683/4 Date Analyzed: 07/28/2022 21:24
 Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): 193687.D Heated Purge: (Y/N) Y
 Calibration ID: 66358

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	1145216	6.46	850589	9.20	438245	11.18	
UPPER LIMIT	2290432	6.96	1701178	9.70	876490	11.68	
LOWER LIMIT	572608	5.96	425295	8.70	219123	10.68	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-536683/3		1187755	6.46	875769	9.21	478833	11.18
LCS 240-536683/5		1132334	6.46	847540	9.20	431221	11.18
240-170019-3	WC-GSP-S-071822	829513	6.46	654709	9.20	343389	11.18
240-170019-3 MS	WC-GSP-S-071822 MS	935853	6.46	734283	9.20	377147	11.18
240-170019-3 MSD	WC-GSP-S-071822 MSD	1009821	6.46	752807	9.21	390757	11.18

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: ICIS 240-520426/11 Date Analyzed: 03/21/2022 17:37
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX000687.D Heated Purge: (Y/N) N
 Calibration ID: 64948

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	1212936	5.47	915546	8.31	480108	10.70	
UPPER LIMIT	2425872	5.97	1831092	8.81	960216	11.20	
LOWER LIMIT	606468	4.97	457773	7.81	240054	10.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-520426/15		1229695	5.47	935165	8.31	478393	10.70
ICV 240-520426/24		1213231	5.48	936646	8.31	476165	10.70
CCVIS 240-535640/3		895430	5.47	689856	8.31	357813	10.70

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: CCVIS 240-535640/3 Date Analyzed: 07/21/2022 11:02
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX003547b.D Heated Purge: (Y/N) N
 Calibration ID: 66212

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	895430	5.47	689856	8.31	357813	10.70	
UPPER LIMIT	1790860	5.97	1379712	8.81	715626	11.20	
LOWER LIMIT	447715	4.97	344928	7.81	178907	10.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-535640/4		908031	5.47	706183	8.31	331332	10.70
LCS 240-535640/5		905064	5.48	700086	8.31	355367	10.70
MB 240-535640/8		876913	5.48	678127	8.31	335738	10.70
240-170019-1	TB-071822	862716	5.48	670274	8.31	326183	10.70
240-170019-2	WC-GSP-W-071822	847157	5.48	662211	8.31	328398	10.70

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: TB-071822 Lab Sample ID: 240-170019-1
 Matrix: Water Lab File ID: UX003555.D
 Analysis Method: 8260C Date Collected: 07/18/2022 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 14:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
124-48-1	Chlorodibromomethane	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.83	U	1.0	0.83
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
110-82-7	Cyclohexane	0.48	U	1.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-27-4	Dichlorobromomethane	0.17	U	1.0	0.17
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
100-41-4	Ethylbenzene	0.42	U	1.0	0.42
106-93-4	Ethylene Dibromide	0.41	U	1.0	0.41
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
79-20-9	Methyl acetate	1.7	U	10	1.7
108-87-2	Methylcyclohexane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: TB-071822 Lab Sample ID: 240-170019-1
 Matrix: Water Lab File ID: UX003555.D
 Analysis Method: 8260C Date Collected: 07/18/2022 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 14:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-00-5	1,1,2-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.45	U	1.0	0.45
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		56-136
1868-53-7	Dibromofluoromethane (Surr)	103		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		62-137
2037-26-5	Toluene-d8 (Surr)	95		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-W-071822 Lab Sample ID: 240-170019-2
 Matrix: Water Lab File ID: UX003556.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:10
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 14:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	12		10	5.4
71-43-2	Benzene	0.73	J	1.0	0.42
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	3.4	J	10	1.2
75-15-0	Carbon disulfide	0.73	J	1.0	0.59
56-23-5	Carbon tetrachloride	0.30	J	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
124-48-1	Chlorodibromomethane	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.83	U	1.0	0.83
67-66-3	Chloroform	3.2	B	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
110-82-7	Cyclohexane	0.48	U	1.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-27-4	Dichlorobromomethane	0.17	U	1.0	0.17
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
100-41-4	Ethylbenzene	0.42	U	1.0	0.42
106-93-4	Ethylene Dibromide	0.41	U	1.0	0.41
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
79-20-9	Methyl acetate	1.7	U	10	1.7
108-87-2	Methylcyclohexane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-W-071822 Lab Sample ID: 240-170019-2
 Matrix: Water Lab File ID: UX003556.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:10
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 14:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	2.1		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-00-5	1,1,2-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	56		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.45	U	1.0	0.45
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		56-136
1868-53-7	Dibromofluoromethane (Surr)	105		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		62-137
2037-26-5	Toluene-d8 (Surr)	98		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 Lab Sample ID: 240-170019-3
 Matrix: Solid Lab File ID: 193691.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.09(g) Date Analyzed: 07/28/2022 23:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	39		29	24
71-43-2	Benzene	0.81	U	5.8	0.81
75-25-2	Bromoform	2.8	U	5.8	2.8
74-83-9	Bromomethane	4.8	U	5.8	4.8
78-93-3	2-Butanone (MEK)	4.1	U	23	4.1
75-15-0	Carbon disulfide	1.3	U	5.8	1.3
56-23-5	Carbon tetrachloride	3.8	U	5.8	3.8
108-90-7	Chlorobenzene	1.1	U	5.8	1.1
124-48-1	Chlorodibromomethane	3.2	U	5.8	3.2
75-00-3	Chloroethane	3.2	U	5.8	3.2
67-66-3	Chloroform	0.91	U	5.8	0.91
74-87-3	Chloromethane	2.6	U	5.8	2.6
156-59-2	cis-1,2-Dichloroethene	1.7	U	5.8	1.7
10061-01-5	cis-1,3-Dichloropropene	3.3	U	5.8	3.3
110-82-7	Cyclohexane	1.6	U	12	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	4.2	U	12	4.2
95-50-1	1,2-Dichlorobenzene	1.3	U	5.8	1.3
541-73-1	1,3-Dichlorobenzene	0.94	U	5.8	0.94
106-46-7	1,4-Dichlorobenzene	1.0	U	5.8	1.0
75-27-4	Dichlorobromomethane	1.7	U	5.8	1.7
75-71-8	Dichlorodifluoromethane	1.1	U	5.8	1.1
75-34-3	1,1-Dichloroethane	0.80	U	5.8	0.80
107-06-2	1,2-Dichloroethane	0.89	U	5.8	0.89
75-35-4	1,1-Dichloroethene	2.1	U	5.8	2.1
78-87-5	1,2-Dichloropropane	0.98	U	5.8	0.98
100-41-4	Ethylbenzene	1.2	U	5.8	1.2
106-93-4	Ethylene Dibromide	0.89	U	5.8	0.89
591-78-6	2-Hexanone	4.7	U	23	4.7
98-82-8	Isopropylbenzene	2.2	U	5.8	2.2
79-20-9	Methyl acetate	3.9	U	29	3.9
108-87-2	Methylcyclohexane	1.4	U	12	1.4
75-09-2	Methylene Chloride	14	U	29	14
108-10-1	4-Methyl-2-pentanone (MIBK)	4.3	U	23	4.3
1634-04-4	Methyl tert-butyl ether	2.3	U	5.8	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 Lab Sample ID: 240-170019-3
 Matrix: Solid Lab File ID: 193691.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.09(g) Date Analyzed: 07/28/2022 23:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	1.3	U	5.8	1.3
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	5.8	1.7
127-18-4	Tetrachloroethene	0.84	U	5.8	0.84
108-88-3	Toluene	0.89	U	5.8	0.89
156-60-5	trans-1,2-Dichloroethene	1.6	U	5.8	1.6
10061-02-6	trans-1,3-Dichloropropene	4.3	U	5.8	4.3
120-82-1	1,2,4-Trichlorobenzene	2.9	U	5.8	2.9
71-55-6	1,1,1-Trichloroethane	2.0	U	5.8	2.0
79-00-5	1,1,2-Trichloroethane	1.3	U	5.8	1.3
79-01-6	Trichloroethene	0.73	U	5.8	0.73
75-69-4	Trichlorofluoromethane	3.1	U	5.8	3.1
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	5.8	1.5
75-01-4	Vinyl chloride	2.0	U	5.8	2.0
1330-20-7	Xylenes, Total	1.8	U	12	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	113		41-143
1868-53-7	Dibromofluoromethane (Surr)	127		41-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	137	S1+	58-125
2037-26-5	Toluene-d8 (Surr)	115		56-125

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 530870

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/15/2022 20:24 Calibration End Date: 06/15/2022 23:48 Calibration ID: 66279

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-530870/4	193225.D
Level 2	IC 240-530870/5	193226.D
Level 3	IC 240-530870/6	193227.D
Level 4	IC 240-530870/7	193228.D
Level 5	IC 240-530870/8	193229.D
Level 6	IC 240-530870/9	193230.D
Level 7	IC 240-530870/10	193231.D
Level 8	IC 240-530870/11	193232.D
Level 9	IC 240-530870/12	193233.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.3361	+++++ 0.3168	0.3557 0.3297	0.3570 0.3304	0.3309	Ave		0.336 6		0.1000	4.4		20.0				
Chloromethane	+++++ 0.4439	+++++ 0.4284	0.5091 0.4374	0.4757 0.4215	0.4565	Ave		0.453 2		0.1000	6.7		20.0				
Vinyl chloride	+++++ 0.4249	+++++ 0.4129	0.4339 0.4267	0.4440 0.4060	0.4302	Ave		0.425 5		0.1000	3.0		20.0				
Butadiene	+++++ 0.4316	+++++ 0.4150	0.4385 0.4327	0.4513 0.4123	0.4355	Ave		0.431 0			3.1		20.0				
Bromomethane	+++++ 0.1367	0.1228 0.1317	0.0917 0.1390	0.1128 0.1255	0.1318	Ave		0.124 0		0.0500	12.5		20.0				
Chloroethane	+++++ 0.2313	+++++ 0.2196	0.2748 0.2244	0.2685 0.2048	0.2309	Ave		0.236 3		0.0500	10.9		20.0				
Dichlorofluoromethane	+++++ 0.5706	+++++ 0.5682	0.5969 0.5850	0.5785 0.5631	0.5719	Ave		0.576 3			2.0		20.0				
Trichlorofluoromethane	+++++ 0.4986	+++++ 0.5010	0.5116 0.5195	0.5162 0.4980	0.5171	Ave		0.508 9		0.1000	1.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 530870

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/15/2022 20:24 Calibration End Date: 06/15/2022 23:48 Calibration ID: 66279

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-530870/4	193225.D
Level 2	IC 240-530870/5	193226.D
Level 3	IC 240-530870/6	193227.D
Level 4	IC 240-530870/7	193228.D
Level 5	IC 240-530870/8	193229.D
Level 6	IC 240-530870/9	193230.D
Level 7	IC 240-530870/10	193231.D
Level 8	IC 240-530870/11	193232.D
Level 9	IC 240-530870/12	193233.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 156701	+++++ 201017	32531 249711	58983 315380	104124	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Chloromethane	FB	Ave	+++++ 206966	+++++ 271871	46563 331339	78594 402365	143642	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Vinyl chloride	FB	Ave	+++++ 198113	+++++ 262060	39682 323256	73357 387576	135352	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Butadiene	FB	Ave	+++++ 201245	+++++ 263364	40103 327798	74576 393585	137025	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Bromomethane	FB	Ave	+++++ 63742	4252 83568	8388 105274	18630 119770	41481	+++++ 30.0	2.00 40.0	5.00 50.0	10.0 60.0	20.0
Chloroethane	FB	Ave	+++++ 107822	+++++ 139331	25133 169970	44359 195477	72649	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Dichlorofluoromethane	FB	Ave	+++++ 266058	+++++ 360564	54590 443127	95590 537596	179926	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0
Trichlorofluoromethane	FB	Ave	+++++ 232454	+++++ 317935	46791 393529	85292 475471	162705	+++++ 30.0	+++++ 40.0	5.00 50.0	10.0 60.0	20.0

Curve Type Legend

Ave = Average ISTD

Calibration

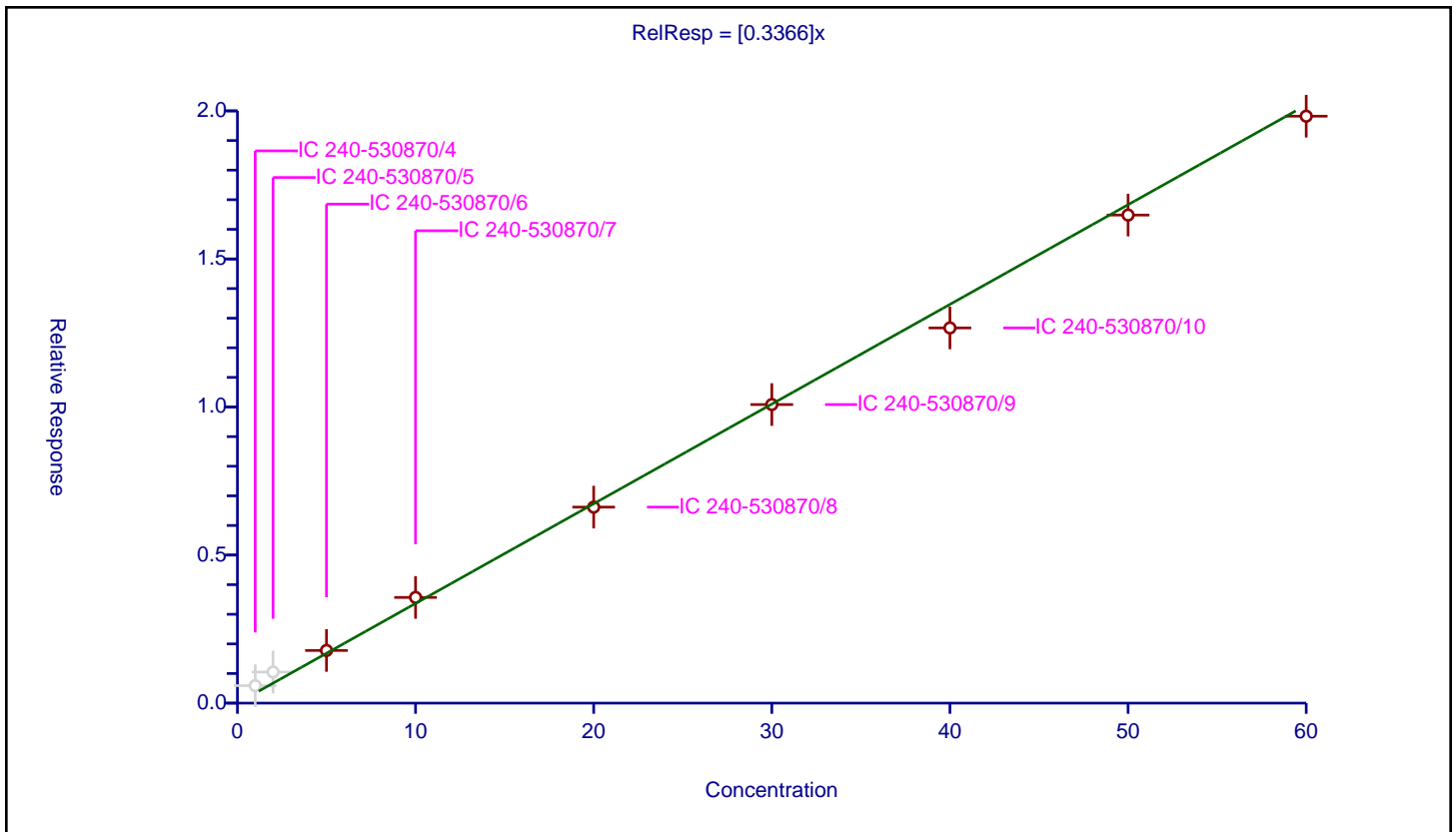
/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3366

Error Coefficients	
Standard Error:	201000
Relative Standard Error:	4.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.589171	60.65	1158294.0	0.589171	N
2	IC 240-530870/5	2.0	1.051198	60.65	1049722.0	0.525599	N
3	IC 240-530870/6	5.0	1.778445	60.65	1109399.0	0.355689	Y
4	IC 240-530870/7	10.0	3.569705	60.65	1002133.0	0.35697	Y
5	IC 240-530870/8	20.0	6.618923	60.65	954101.0	0.330946	Y
6	IC 240-530870/9	30.0	10.08266	60.65	942600.0	0.336089	Y
7	IC 240-530870/10	40.0	12.670196	60.65	962233.0	0.316755	Y
8	IC 240-530870/11	50.0	16.482637	60.65	918844.0	0.329653	Y
9	IC 240-530870/12	60.0	19.821366	60.65	965009.0	0.330356	Y



Calibration

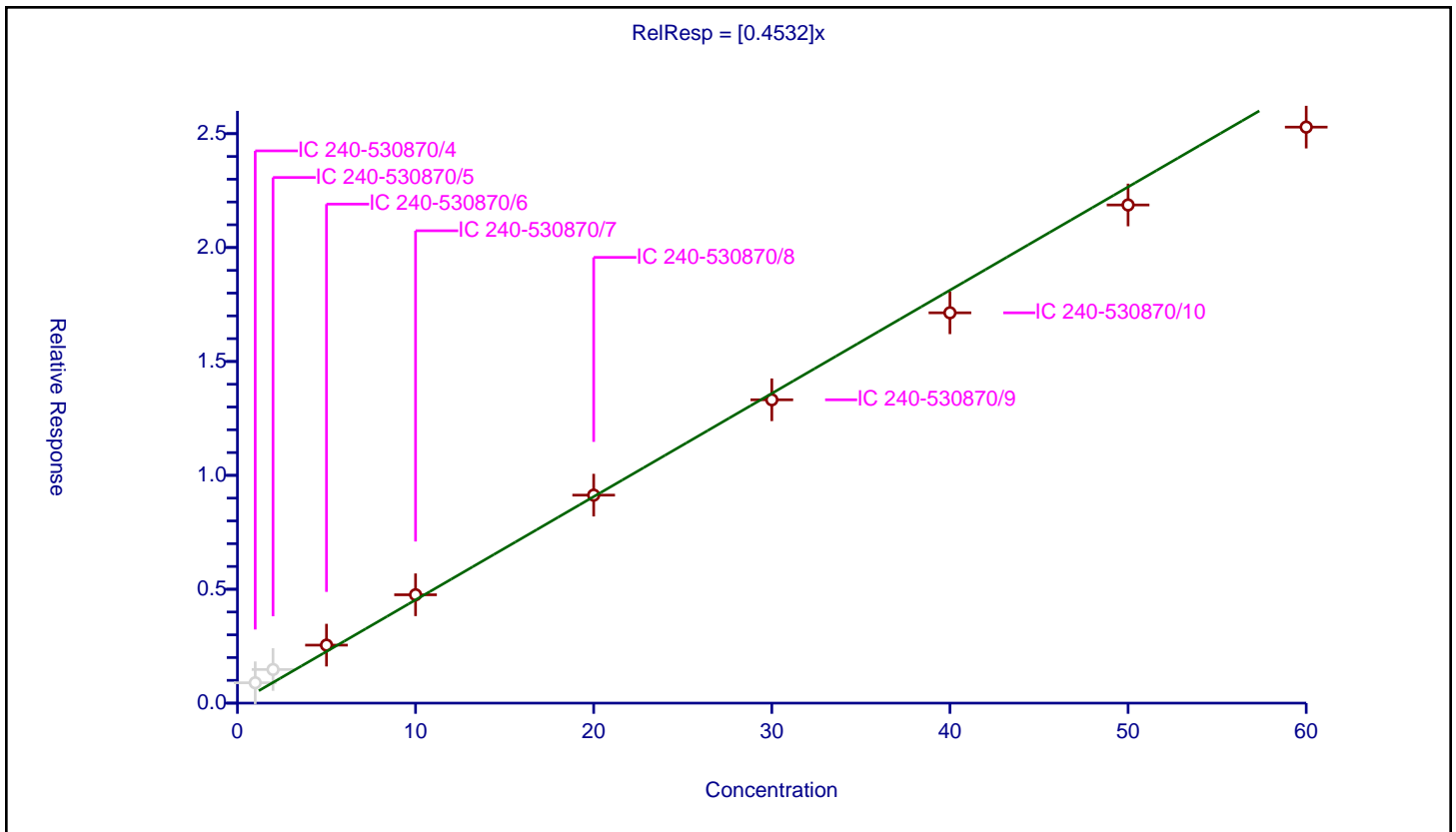
/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4532

Error Coefficients	
Standard Error:	264000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.894125	60.65	1158294.0	0.894125	N
2	IC 240-530870/5	2.0	1.47563	60.65	1049722.0	0.737815	N
3	IC 240-530870/6	5.0	2.545564	60.65	1109399.0	0.509113	Y
4	IC 240-530870/7	10.0	4.75658	60.65	1002133.0	0.475658	Y
5	IC 240-530870/8	20.0	9.130991	60.65	954101.0	0.45655	Y
6	IC 240-530870/9	30.0	13.316877	60.65	942600.0	0.443896	Y
7	IC 240-530870/10	40.0	17.136157	60.65	962233.0	0.428404	Y
8	IC 240-530870/11	50.0	21.870644	60.65	918844.0	0.437413	Y
9	IC 240-530870/12	60.0	25.2883	60.65	965009.0	0.421472	Y



Calibration

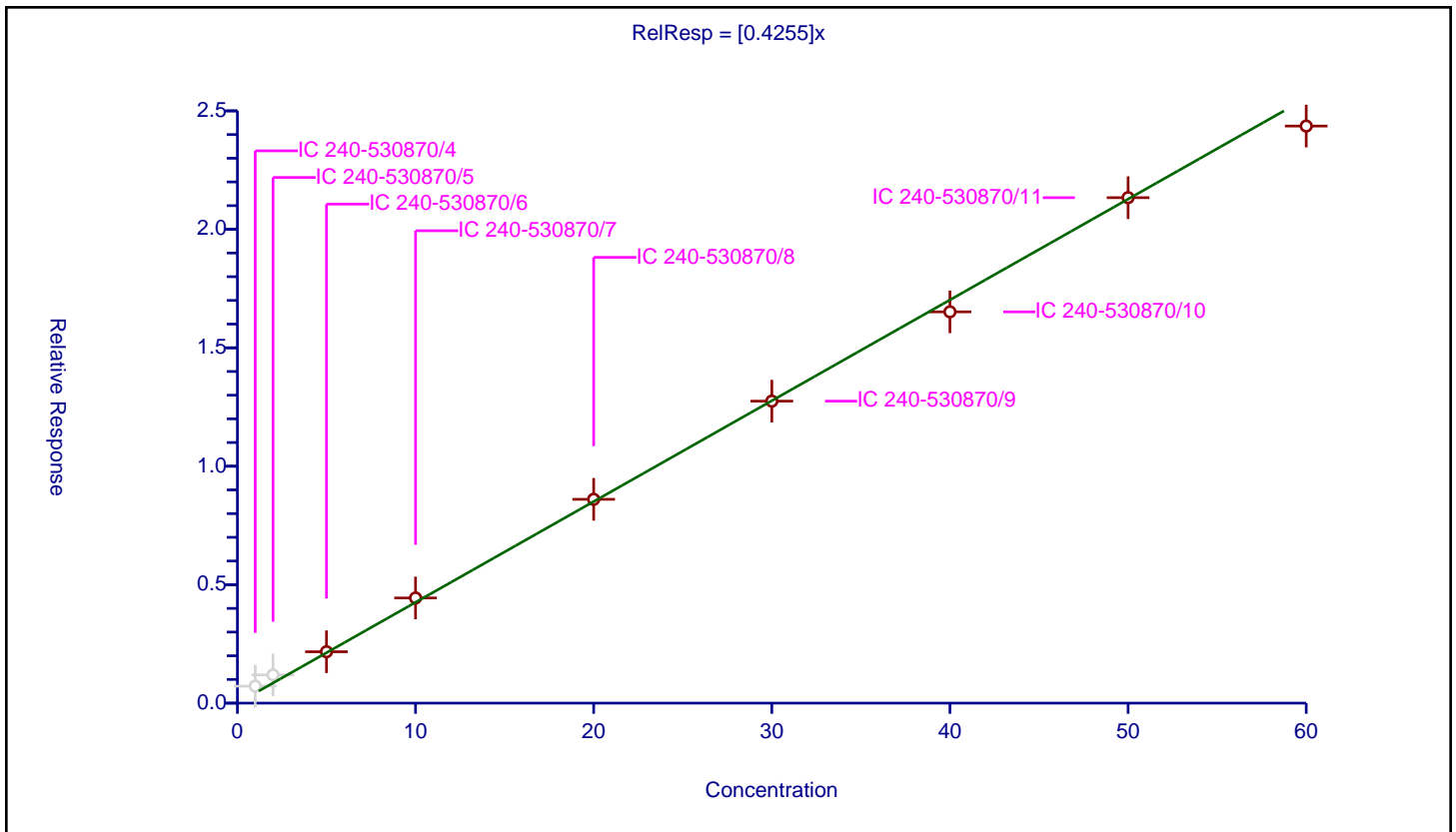
/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4255

Error Coefficients	
Standard Error:	254000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.717981	60.65	1158294.0	0.717981	N
2	IC 240-530870/5	2.0	1.192579	60.65	1049722.0	0.59629	N
3	IC 240-530870/6	5.0	2.169385	60.65	1109399.0	0.433877	Y
4	IC 240-530870/7	10.0	4.439632	60.65	1002133.0	0.443963	Y
5	IC 240-530870/8	20.0	8.604014	60.65	954101.0	0.430201	Y
6	IC 240-530870/9	30.0	12.747245	60.65	942600.0	0.424908	Y
7	IC 240-530870/10	40.0	16.517765	60.65	962233.0	0.412944	Y
8	IC 240-530870/11	50.0	21.337111	60.65	918844.0	0.426742	Y
9	IC 240-530870/12	60.0	24.358824	60.65	965009.0	0.40598	Y



Calibration

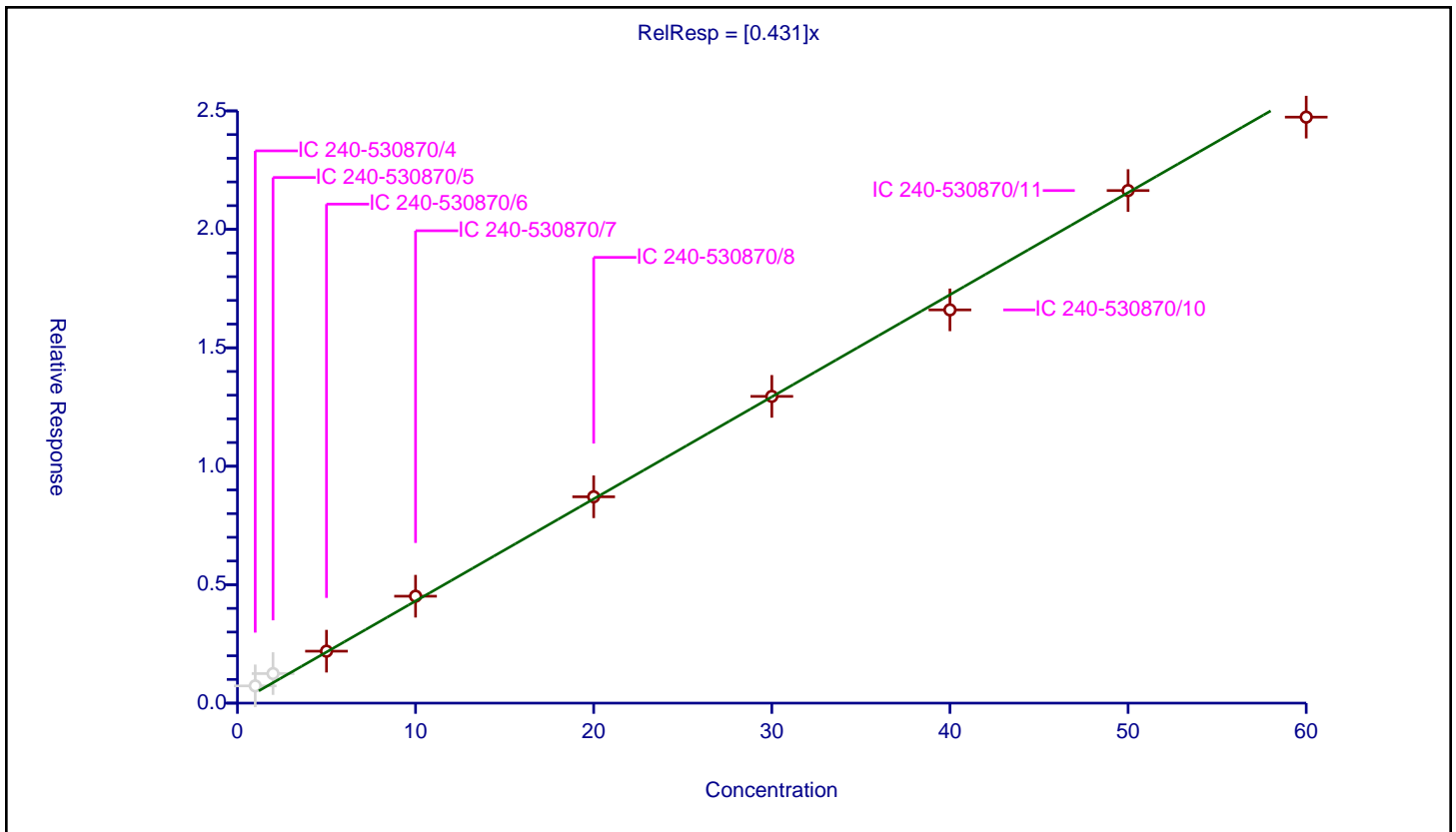
/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.431

Error Coefficients	
Standard Error:	258000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.728401	60.65	1158294.0	0.728401	N
2	IC 240-530870/5	2.0	1.24689	60.65	1049722.0	0.623445	N
3	IC 240-530870/6	5.0	2.192401	60.65	1109399.0	0.43848	Y
4	IC 240-530870/7	10.0	4.513407	60.65	1002133.0	0.451341	Y
5	IC 240-530870/8	20.0	8.710363	60.65	954101.0	0.435518	Y
6	IC 240-530870/9	30.0	12.948769	60.65	942600.0	0.431626	Y
7	IC 240-530870/10	40.0	16.599957	60.65	962233.0	0.414999	Y
8	IC 240-530870/11	50.0	21.636914	60.65	918844.0	0.432738	Y
9	IC 240-530870/12	60.0	24.736485	60.65	965009.0	0.412275	Y



Calibration

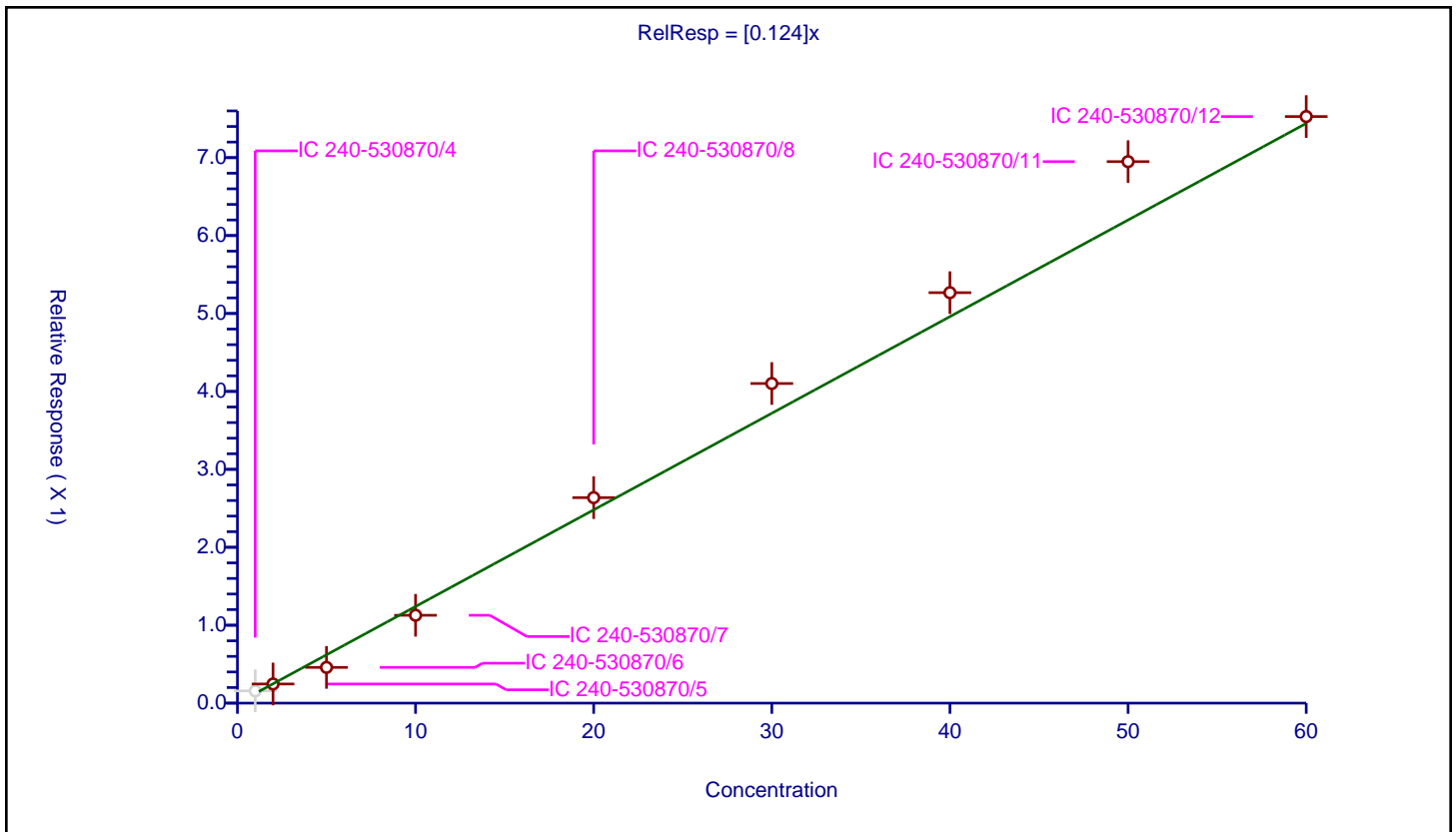
/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.124

Error Coefficients	
Standard Error:	74300
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.157346	60.65	1158294.0	0.157346	N
2	IC 240-530870/5	2.0	0.245669	60.65	1049722.0	0.122834	Y
3	IC 240-530870/6	5.0	0.458566	60.65	1109399.0	0.091713	Y
4	IC 240-530870/7	10.0	1.127505	60.65	1002133.0	0.11275	Y
5	IC 240-530870/8	20.0	2.636851	60.65	954101.0	0.131843	Y
6	IC 240-530870/9	30.0	4.101371	60.65	942600.0	0.136712	Y
7	IC 240-530870/10	40.0	5.26733	60.65	962233.0	0.131683	Y
8	IC 240-530870/11	50.0	6.948805	60.65	918844.0	0.138976	Y
9	IC 240-530870/12	60.0	7.527443	60.65	965009.0	0.125457	Y



Calibration

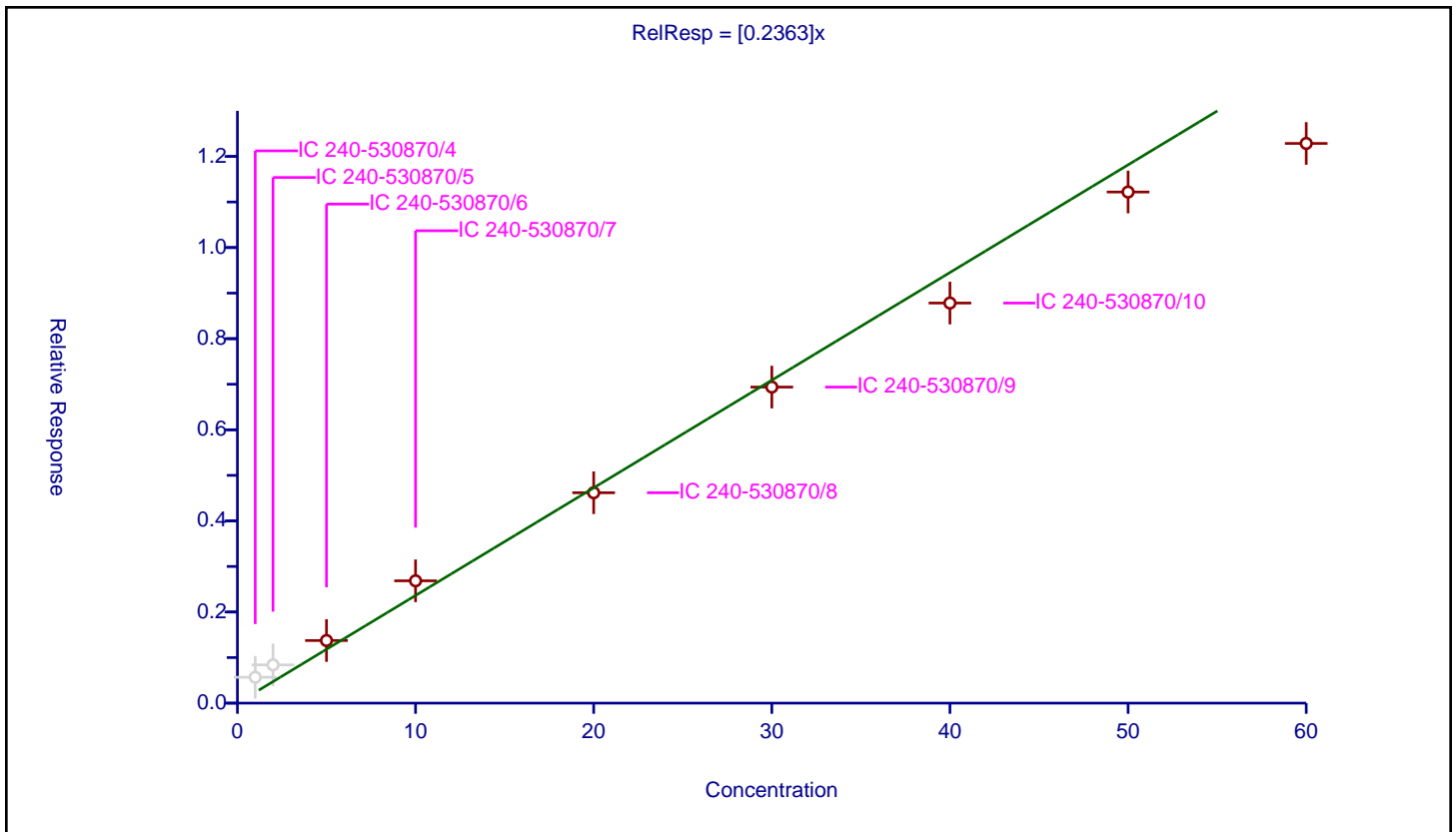
/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2363

Error Coefficients	
Standard Error:	133000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.567441	60.65	1158294.0	0.567441	N
2	IC 240-530870/5	2.0	0.839561	60.65	1049722.0	0.41978	N
3	IC 240-530870/6	5.0	1.374002	60.65	1109399.0	0.2748	Y
4	IC 240-530870/7	10.0	2.684647	60.65	1002133.0	0.268465	Y
5	IC 240-530870/8	20.0	4.618129	60.65	954101.0	0.230906	Y
6	IC 240-530870/9	30.0	6.937624	60.65	942600.0	0.231254	Y
7	IC 240-530870/10	40.0	8.782099	60.65	962233.0	0.219552	Y
8	IC 240-530870/11	50.0	11.219185	60.65	918844.0	0.224384	Y
9	IC 240-530870/12	60.0	12.285564	60.65	965009.0	0.204759	Y



Calibration

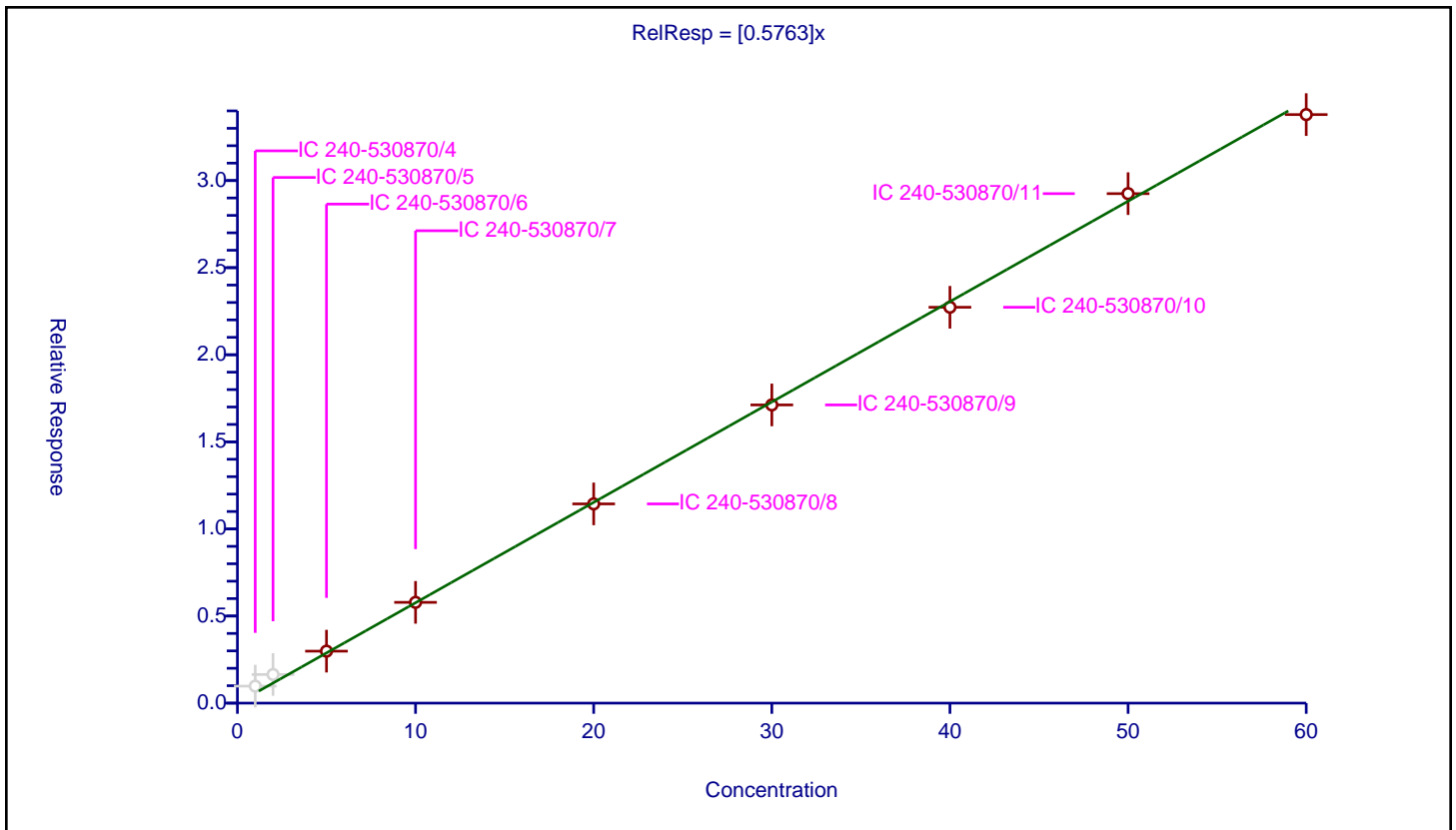
/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5763

Error Coefficients	
Standard Error:	349000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.975913	60.65	1158294.0	0.975913	N
2	IC 240-530870/5	2.0	1.642548	60.65	1049722.0	0.821274	N
3	IC 240-530870/6	5.0	2.984394	60.65	1109399.0	0.596879	Y
4	IC 240-530870/7	10.0	5.785194	60.65	1002133.0	0.578519	Y
5	IC 240-530870/8	20.0	11.437481	60.65	954101.0	0.571874	Y
6	IC 240-530870/9	30.0	17.119051	60.65	942600.0	0.570635	Y
7	IC 240-530870/10	40.0	22.726519	60.65	962233.0	0.568163	Y
8	IC 240-530870/11	50.0	29.249418	60.65	918844.0	0.584988	Y
9	IC 240-530870/12	60.0	33.787454	60.65	965009.0	0.563124	Y



Calibration

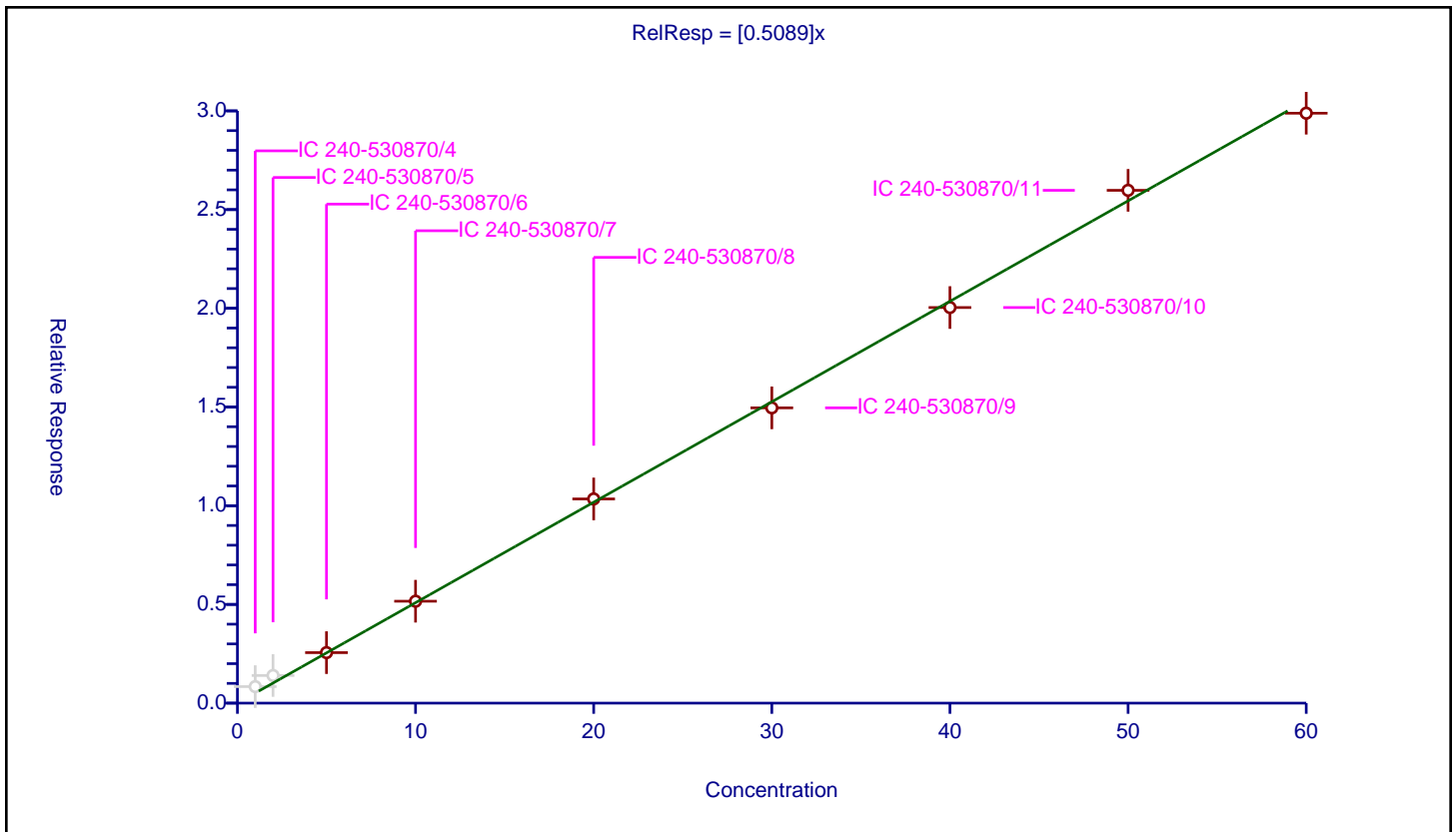
/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5089

Error Coefficients	
Standard Error:	309000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-530870/4	1.0	0.836789	60.65	1158294.0	0.836789	N
2	IC 240-530870/5	2.0	1.400346	60.65	1049722.0	0.700173	N
3	IC 240-530870/6	5.0	2.558028	60.65	1109399.0	0.511606	Y
4	IC 240-530870/7	10.0	5.161949	60.65	1002133.0	0.516195	Y
5	IC 240-530870/8	20.0	10.342782	60.65	954101.0	0.517139	Y
6	IC 240-530870/9	30.0	14.956859	60.65	942600.0	0.498562	Y
7	IC 240-530870/10	40.0	20.039593	60.65	962233.0	0.50099	Y
8	IC 240-530870/11	50.0	25.97561	60.65	918844.0	0.519512	Y
9	IC 240-530870/12	60.0	29.88295	60.65	965009.0	0.498049	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-531795/3	193284.D
Level 2	IC 240-531795/4	193285.D
Level 3	IC 240-531795/5	193286.D
Level 4	IC 240-531795/6	193287.D
Level 5	IC 240-531795/7	193288.D
Level 6	ICIS 240-531795/8	193289.D
Level 7	IC 240-531795/9	193290.D
Level 8	IC 240-531795/10	193291.D
Level 9	IC 240-531795/11	193292.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Ethyl ether	++++ 0.2067	++++ 0.2114	0.2280 0.2014	0.2215 0.1870	0.2234	Ave		0.211 3			6.8		20.0				
Acrolein	++++ 0.0343	++++ 0.0358	0.0325 0.0359	0.0335 0.0339	0.0352	Ave		0.034 5			3.6		20.0				
1,1-Dichloroethene	++++ 0.1902	++++ 0.1915	0.2262 0.1900	0.2152 0.1815	0.2004	Ave		0.199 3		0.1000	8.0		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.1654	++++ 0.1720	0.1877 0.1689	0.1910 0.1642	0.1727	Ave		0.174 6		0.0500	6.1		20.0				
Acetone	++++ 0.1002	++++ 0.1057	0.1557 0.0997	0.1227 0.0926	0.1113	Lin1	0.606 4	0.095 7		0.0100	4.4			0.9980		0.9900	
Iodomethane	++++ 0.2272	++++ 0.2283	0.2387 0.2095	0.2340 0.1893	0.2274	Ave		0.222 1			7.7		20.0				
Carbon disulfide	++++ 0.6079	++++ 0.6324	0.6796 0.6493	0.7699 0.6219	0.6238	Ave		0.654 9		0.1000	8.5		20.0				
3-Chloro-1-propene	++++ 0.1754	0.1813 0.1845	0.1887 0.1733	0.1735 0.1703	0.1837	Ave		0.178 8			3.7		20.0				
Methyl acetate	++++ 0.3108	++++ 0.3194	0.3530 0.3225	0.3256 0.3037	0.3141	Ave		0.321 3		0.1000	4.9		20.0				
Methylene Chloride	++++ 0.3293	1.4908 0.3192	0.8555 0.3009	0.5635 0.2995	0.4003	Lin1	2.527 3	0.289 0		0.1000	12.9			0.9990		0.9900	
2-Methyl-2-propanol	++++ 0.0388	++++ 0.0374	0.0430 0.0344	0.0398 0.0439	0.0396	Ave		0.039 5			8.2		20.0				
Acrylonitrile	++++ 0.1270	++++ 0.1276	0.1373 0.1272	0.1332 0.1214	0.1305	Ave		0.129 2			3.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
trans-1,2-Dichloroethene	++++ 0.2852	++++ 0.3002	0.3320 0.2867	0.3288 0.2841	0.3025	Ave	0.302 8			0.1000	6.7		20.0				
Methyl tert-butyl ether	++++ 0.8429	++++ 0.9001	0.8575 0.8947	0.8517 0.8976	0.8503	Ave	0.870 7			0.1000	2.9		20.0				
Hexane	++++ 0.0920	++++ 0.0970	0.1092 0.0951	0.0985 0.0944	0.0937	Ave	0.097 1				5.9		20.0				
1,1-Dichloroethane	++++ 0.5418	++++ 0.5709	0.6163 0.5678	0.6254 0.5632	0.5773	Ave	0.580 4			0.2000	5.1		20.0				
Vinyl acetate	++++ 0.0453	0.0437 0.0515	0.0407 0.0556	0.0412 0.0551	0.0458	Ave	0.047 3				12.6		20.0				
2,2-Dichloropropane	++++ 0.0913	++++ 0.0970	0.0984 0.0997	0.0925 0.0971	0.0926	Ave	0.095 5				3.5		20.0				
cis-1,2-Dichloroethene	++++ 0.3096	++++ 0.3238	0.3680 0.3179	0.3401 0.3088	0.3285	Ave	0.328 1			0.1000	6.3		20.0				
2-Butanone (MEK)	++++ 0.1778	++++ 0.1888	0.1827 0.1901	0.1830 0.1881	0.1828	Ave	0.184 7			0.0100	2.4		20.0				
Chlorobromomethane	++++ 0.1324	++++ 0.1337	0.1523 0.1301	0.1490 0.1253	0.1389	Ave	0.137 4				7.3		20.0				
Tetrahydrofuran	++++ 0.1224	++++ 0.1299	0.1363 0.1327	0.1307 0.1272	0.1250	Ave	0.129 2				3.6		20.0				
Chloroform	++++ 0.4835	++++ 0.5119	0.5564 0.5077	0.5519 0.4955	0.5069	Ave	0.516 3			0.2000	5.3		20.0				
1,1,1-Trichloroethane	++++ 0.4184	++++ 0.4556	0.4412 0.4465	0.4497 0.4474	0.4285	Ave	0.441 0			0.1000	3.0		20.0				
Cyclohexane	++++ 0.6137	++++ 0.6469	0.6971 0.6381	0.6990 0.6260	0.6566	Ave	0.653 9			0.1000	5.1		20.0				
1,1-Dichloropropene	++++ 0.4169	++++ 0.4327	0.4705 0.4275	0.4497 0.4129	0.4368	Ave	0.435 3				4.5		20.0				
Carbon tetrachloride	++++ 0.3326	0.3443 0.3698	0.3252 0.3754	0.3351 0.3697	0.3256	Ave	0.347 2			0.1000	6.1		20.0				
Benzene	++++ 1.1916	++++ 1.2226	1.3964 1.1968	1.2954 1.1546	1.2681	Ave	1.246 5			0.5000	6.5		20.0				
Isobutyl alcohol	++++ 0.0178	0.0158 0.0201	0.0148 0.0207	0.0156 0.0196	0.0170	Ave	0.017 7				12.6		20.0				
1,2-Dichloroethane	++++ 0.4184	++++ 0.4359	0.4718 0.4347	0.4610 0.4228	0.4468	Ave	0.441 6			0.1000	4.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
n-Heptane	++++ 0.1142	++++ 0.1180	0.1206 0.1182	0.1255 0.1155	0.1166	Ave	0.118 4				3.2		20.0				
Trichloroethene	++++ 0.3026	++++ 0.3188	0.3343 0.3104	0.3196 0.3025	0.3188	Ave	0.315 3			0.1500	3.6		20.0				
Methylcyclohexane	++++ 0.5733	++++ 0.5958	0.6342 0.5864	0.5936 0.5640	0.6039	Ave	0.593 0			0.1000	3.8		20.0				
1,2-Dichloropropane	++++ 0.3167	++++ 0.3336	0.3481 0.3256	0.3295 0.3181	0.3359	Ave	0.329 7			0.1000	3.3		20.0				
Dibromomethane	++++ 0.1606	++++ 0.1671	0.1702 0.1698	0.1684 0.1615	0.1663	Ave	0.166 3				2.3		20.0				
1,4-Dioxane	++++ 0.0038	++++ 0.0040	0.0038 0.0040	0.0041 0.0038	0.0040	Ave	0.003 9				3.2		20.0				
Dichlorobromomethane	++++ 0.3357	0.3270 0.3669	0.3015 0.3785	0.3212 0.3716	0.3207	Ave	0.340 4			0.1500	8.3		20.0				
2-Chloroethyl vinyl ether	++++ 0.1974	++++ 0.2096	0.1868 0.2094	0.1852 0.2038	0.1952	Ave	0.198 2				5.0		20.0				
cis-1,3-Dichloropropene	++++ 0.4529	0.4159 0.4952	0.4013 0.4956	0.4108 0.4870	0.4412	Ave	0.450 0			0.1500	8.7		20.0				
4-Methyl-2-pentanone (MIBK)	++++ 0.4965	0.4685 0.5346	0.4674 0.5488	0.4735 0.5277	0.4822	Ave	0.499 9			0.0500	6.5		20.0				
Toluene	++++ 1.6695	++++ 1.7571	1.9201 1.7001	1.7714 1.6503	1.7596	Ave	1.746 9			0.4000	5.1		20.0				
trans-1,3-Dichloropropene	++++ 0.5495	++++ 0.6120	0.4339 0.6279	0.4297 0.6140	0.5163	Ave	0.540 5			0.1000	15.6		20.0				
Ethyl methacrylate	++++ 0.4952	++++ 0.5343	0.4137 0.5409	0.4418 0.5259	0.4779	Ave	0.489 9				9.9		20.0				
1,1,2-Trichloroethane	++++ 0.3237	++++ 0.3457	0.3358 0.3402	0.3119 0.3325	0.3276	Ave	0.331 1			0.1000	3.4		20.0				
Tetrachloroethene	++++ 0.3125	++++ 0.3251	0.3602 0.3145	0.3211 0.3070	0.3279	Ave	0.324 0			0.1500	5.4		20.0				
1,3-Dichloropropane	++++ 0.6095	++++ 0.6400	0.6540 0.6257	0.5912 0.6039	0.6303	Ave	0.622 1				3.5		20.0				
2-Hexanone	++++ 0.3552	0.3534 0.3802	0.3263 0.3802	0.3404 0.3667	0.3566	Ave	0.357 4			0.0500	5.2		20.0				
Chlorodibromomethane	++++ 0.3117	++++ 0.3504	0.2332 0.3651	0.2368 0.3622	0.2767	Lin1	-1.04 2	0.363 1			11.6			0.9980		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Ethylene Dibromide	++++ 0.3337	0.3391 0.3556	0.3160 0.3569	0.3088 0.3451	0.3369	Ave		0.336 5			5.1		20.0				
Chlorobenzene	++++ 1.0175	++++ 1.0649	1.1965 1.0420	1.1049 1.0041	1.0795	Ave		1.072 8		0.3000	6.0		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3427	0.3173 0.3711	0.3002 0.3751	0.2963 0.3618	0.3372	Ave		0.337 7			9.1		20.0				
Ethylbenzene	++++ 0.5847	++++ 0.6010	0.6659 0.5829	0.6191 0.5642	0.6130	Ave		0.604 4			5.5		20.0				
m-Xylene & p-Xylene	++++ 0.7100	++++ 0.7266	0.8048 0.7070	0.7803 0.6807	0.7615	Ave		0.738 7			6.0		20.0				
o-Xylene	++++ 0.6758	++++ 0.6784	0.7704 0.6459	0.7469 0.6148	0.7158	Ave		0.692 6			8.0		20.0				
Styrene	++++ 1.1248	++++ 1.1491	1.1304 1.0986	1.1425 1.0516	1.1523	Ave		1.121 3		0.3000	3.2		20.0				
Bromoform	++++ 0.1773	++++ 0.2081	0.1194 0.2244	0.1258 0.2190	0.1518	Lin1	-0.81 3	0.220 3		0.1000	15.1			0.9960		0.9900	
Isopropylbenzene	++++ 1.7979	++++ 1.8125	2.0394 1.7369	1.9770 1.6490	1.9136	Ave		1.846 6		0.1000	7.4		20.0				
1,1,2,2-Tetrachloroethane	++++ 0.8187	0.8419 0.8995	0.8033 0.9103	0.7976 0.8930	0.8432	Ave		0.850 9		0.3000	5.2		20.0				
Bromobenzene	++++ 0.8136	++++ 0.8746	0.9127 0.8747	0.8596 0.8580	0.8697	Ave		0.866 1			3.4		20.0				
1,2,3-Trichloropropane	++++ 0.2688	0.2968 0.2970	0.2685 0.3030	0.2659 0.2969	0.2789	Ave		0.284 5			5.4		20.0				
trans-1,4-Dichloro-2-butene	++++ 0.3138	0.3094 0.3620	0.2627 0.3825	0.2641 0.3792	0.2944	Ave		0.321 0			15.1		20.0				
N-Propylbenzene	++++ 0.9880	++++ 1.0557	1.0962 1.0640	1.0610 1.0416	1.0811	Ave		1.055 4			3.3		20.0				
2-Chlorotoluene	++++ 0.8162	++++ 0.8770	0.9361 0.8834	0.9022 0.8706	0.8861	Ave		0.881 7			4.1		20.0				
1,3,5-Trimethylbenzene	++++ 2.8557	++++ 3.0097	3.1850 2.9359	3.0639 2.8159	3.0947	Ave		2.994 4			4.4		20.0				
4-Chlorotoluene	++++ 0.8404	++++ 0.8824	0.9737 0.8665	0.9231 0.8437	0.9153	Ave		0.892 2			5.4		20.0				
tert-Butylbenzene	++++ 2.5683	++++ 2.7153	2.8693 2.6886	2.7710 2.6056	2.7799	Ave		2.714 0			3.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
1,2,4-Trimethylbenzene	++++ 2.9211	++++ 3.0997	3.2038 3.0888	3.0984 2.9804	3.1618	Ave		3.079 2			3.2		20.0				
sec-Butylbenzene	++++ 3.8481	++++ 4.0420	4.3026 4.0034	4.1359 3.8219	4.1751	Ave		4.047 0			4.3		20.0				
1,3-Dichlorobenzene	++++ 1.5586	++++ 1.6569	1.7962 1.6644	1.7304 1.6132	1.7018	Ave		1.674 5		0.6000	4.6		20.0				
4-Isopropyltoluene	++++ 3.2310	++++ 3.4228	3.5693 3.3319	3.5159 3.1911	3.4826	Ave		3.392 1			4.3		20.0				
1,4-Dichlorobenzene	++++ 1.5652	++++ 1.6608	1.8963 1.6752	1.7568 1.6223	1.7298	Ave		1.700 9		0.5000	6.3		20.0				
n-Butylbenzene	++++ 2.9982	++++ 3.1556	3.3289 3.0015	3.2689 2.7969	3.2600	Ave		3.115 7			6.1		20.0				
1,2-Dichlorobenzene	++++ 1.4548	++++ 1.5163	1.6878 1.4691	1.6032 1.4043	1.5981	Ave		1.533 4		0.4000	6.5		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.1444	0.1065 0.1808	0.1139 ++++	0.1147 ++++	0.1342	Qua	0.017 5	0.111 0	0.0006953	0.0500	8.8			1.0000		0.9900	
1,2,4-Trichlorobenzene	++++ 1.0084	++++ 1.1109	1.1726 1.0826	1.1028 1.0578	1.1276	Ave		1.094 7		0.2000	4.8		20.0				
Hexachlorobutadiene	++++ 0.5326	++++ 0.5724	0.6057 0.5395	0.5712 0.5392	0.5635	Ave		0.560 6			4.6		20.0				
Naphthalene	++++ 2.8072	2.9413 3.1418	2.7975 3.0803	2.7682 2.9837	2.9539	Ave		2.934 2			4.6		20.0				
1,2,3-Trichlorobenzene	++++ 0.9664	++++ 1.0499	1.1141 0.9984	1.0599 0.9849	1.0616	Ave		1.033 6			5.1		20.0				
Dibromofluoromethane (Surr)	0.2747 0.2691	0.2619 0.2696	0.2358 0.2719	0.2781 0.2627	0.2577	Ave		0.264 6			4.8		20.0				
1,2-Dichloroethane-d4 (Surr)	++++ 0.3510	++++ 0.3556	0.3303 0.3603	0.3576 0.3420	0.3482	Ave		0.349 3			3.0		20.0				
Toluene-d8 (Surr)	++++ 1.5176	1.4886 1.5230	1.3803 1.5060	1.4733 1.4479	1.4949	Ave		1.479 0			3.2		20.0				
4-Bromofluorobenzene (Surr)	++++ 1.0888	1.1371 1.1543	1.0209 1.1899	1.1193 1.1610	1.1209	Ave		1.124 0			4.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-531795/3	193284.D
Level 2	IC 240-531795/4	193285.D
Level 3	IC 240-531795/5	193286.D
Level 4	IC 240-531795/6	193287.D
Level 5	IC 240-531795/7	193288.D
Level 6	ICIS 240-531795/8	193289.D
Level 7	IC 240-531795/9	193290.D
Level 8	IC 240-531795/10	193291.D
Level 9	IC 240-531795/11	193292.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Ethyl ether	FB	Ave	+++++ 185061	+++++ 384431	19406 727223	36455 872270	77891	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	+++++ 153650	+++++ 325282	13844 649074	27608 791299	61309	+++++ 250	+++++ 500	25.0 1000	50.0 1250	100
1,1-Dichloroethene	FB	Ave	+++++ 170258	+++++ 348201	19254 686039	35425 846741	69883	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 148112	+++++ 312817	15978 610110	31430 765959	60210	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	+++++ 179459	+++++ 384470	26502 720217	40401 863527	77659	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	+++++ 203436	+++++ 415032	20322 756403	38518 882978	79295	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Carbon disulfide	FB	Ave	+++++ 544249	+++++ 1149844	57856 2344896	126714 2900354	217518	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
3-Chloro-1-propene	FB	Ave	+++++ 157060	6012 335380	16063 625851	28559 794162	64077	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl acetate	FB	Ave	+++++ 556627	+++++ 1161520	60111 2329221	107187 2832731	219096	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Methylene Chloride	FB	Lin1	+++++ 294821	49443 580331	72830 1086622	92755 1396784	139602	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methyl-2-propanol	FB	Ave	+++++ 347179	+++++ 680667	36592 1241100	65521 2048401	137929	+++++ 500	+++++ 1000	50.0 2000	100 2500	200
Acrylonitrile	FB	Ave	+++++ 1137512	+++++ 2319542	116875 4594174	219318 5662813	455106	+++++ 500	+++++ 1000	50.0 2000	100 2500	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,2-Dichloroethene	FB	Ave	++++ 255362	++++ 545807	28262 1035373	54121 1325218	105500	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	++++ 754684	++++ 1636613	73001 3230953	140175 4186265	296501	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Hexane	FB	Ave	++++ 82405	++++ 176421	9299 343499	16215 440297	32679	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	++++ 485135	++++ 1038007	52464 2050653	102939 2626655	201309	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Ave	++++ 40582	1448 93570	3463 200839	6775 256842	15964	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
2,2-Dichloropropane	FB	Ave	++++ 81753	++++ 176444	8374 360150	15223 453033	32306	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 277187	++++ 588835	31326 1147935	55978 1440048	114547	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Ave	++++ 318399	++++ 686553	31110 1372951	60227 1754234	127472	++++ 100	++++ 200	10.0 400	20.0 500	40.0
Chlorobromomethane	FB	Ave	++++ 118574	++++ 243047	12969 469793	24528 584244	48431	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Ave	++++ 219252	++++ 472397	23207 958479	43017 1186468	87197	++++ 100	++++ 200	10.0 400	20.0 500	40.0
Chloroform	FB	Ave	++++ 432878	++++ 930748	47368 1833609	90838 2310848	176763	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 374596	++++ 828440	37559 1612483	74009 2086655	149435	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	++++ 549484	++++ 1176320	59343 2304553	115056 2919521	228978	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	++++ 373286	++++ 786796	40051 1543937	74021 1925841	152331	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Ave	++++ 297801	11418 672472	27687 1355522	55159 1724224	113528	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Benzene	FB	Ave	++++ 1066916	++++ 2222970	118882 4321893	213220 5385010	442216	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Isobutyl alcohol	FB	Ave	++++ 398633	13141 914435	31433 1865026	64372 2283856	148386	++++ 1250	50.0 2500	125 5000	250 6250	500
1,2-Dichloroethane	FB	Ave	++++ 374645	++++ 792657	40162 1569869	75872 1971741	155797	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Heptane	FB	Ave	++++ 102288	++++ 214640	10267 426993	20660 538531	40664	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	++++ 270968	++++ 579684	28462 1121060	52607 1410677	111177	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Methylcyclohexane	FB	Ave	++++ 513278	++++ 1083239	53987 2117779	97709 2630446	210599	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	++++ 283540	++++ 606571	29633 1175864	54239 1483749	117152	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	++++ 143791	++++ 303848	14493 613089	27723 753081	58009	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	++++ 67580	++++ 145744	6533 286797	13409 349997	27669	++++ 1000	++++ 2000	100 4000	200 5000	400
Dichlorobromomethane	FB	Ave	++++ 300596	++++ 667197	10844 1367069	25668 1733268	52863 111839	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 353524	++++ 762176	31804 1512475	60979 1900917	136164	++++ 100	++++ 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Ave	++++ 405534	13792 900399	34167 1789880	67620 2271493	153852	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	++++ 652972	23772 1410516	59891 2864474	123925 3525815	250146	++++ 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBNZ d5	Ave	++++ 1097909	++++ 2317965	123015 4437181	231833 5513580	456417	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 361381	++++ 807333	27801 1638875	56236 2051154	133926	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 325673	++++ 704847	26502 1411656	57814 1756813	123967	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 212854	++++ 456082	21514 887950	40815 1110967	84963	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 205489	++++ 428914	23076 820713	42030 1025557	85042	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	++++ 400815	++++ 844302	41899 1632969	77367 2017513	163484	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
2-Hexanone	CBNZ d5	Ave	++++ 467189	17934 1003225	41812 1984639	89108 2450175	184983	++++ 100	4.00 200	10.0 400	20.0 500	40.0
Chlorodibromomethane	CBNZ d5	Lin1	++++ 204973	++++ 462231	14940 952776	30996 1209946	71763	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 219445	8604 469101	20242 931421	40415 1152883	87388	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 669130	++++ 1404816	76654 2719487	144604 3354468	279989	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 225363	8049 489558	19235 979015	38781 1208747	87462	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 384500	++++ 792846	42661 1521463	81020 1884922	158998	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 466904	++++ 958570	51560 1845245	102125 2274200	197515	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
o-Xylene	CBNZ d5	Ave	++++ 444393	++++ 894882	49356 1685681	97746 2054025	185676	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Styrene	CBNZ d5	Ave	++++ 739714	++++ 1515854	72424 2867295	149528 3513277	298896	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Bromoform	CBNZ d5	Lin1	++++ 116626	++++ 274551	7649 585546	16469 731723	39374	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 1182353	++++ 2390993	130658 4533295	258732 5509156	496337	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 275204	11130 570394	26768 1100416	53751 1347778	110970	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCBd 4	Ave	++++ 273488	++++ 554646	30414 1057355	57930 1294964	114457	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 90355	3923 188337	8947 366229	17919 448124	36700	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 105491	4090 229551	8754 462418	17800 572285	38741	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 332108	++++ 669448	36527 1286182	71504 1572025	142275	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 274342	++++ 556160	31192 1067838	60802 1313995	116618	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 959872	++++ 1908596	106134 3548884	206489 4250060	407264	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 282481	++++ 559558	32447 1047460	62210 1273432	120453	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 863279	++++ 1721915	95614 3250000	186752 3932581	365837	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 981863	++++ 1965706	106761 3733692	208817 4498347	416096	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 1293443	++++ 2563263	143375 4839256	278732 5768423	549443	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 523878	++++ 1050735	59855 2011918	116620 2434722	223963	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Isopropyltoluene	DCBd 4	Ave	++++ 1086046	++++ 2170606	118938 4027533	236953 4816385	458311	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 526107	++++ 1053208	63191 2024972	118401 2448594	227644	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 1007791	++++ 2001127	110927 3628141	220303 4221357	429020	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 489016	++++ 961589	56241 1775820	108044 2119514	210318	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Qua	++++ 48541	1408 114669	3796 ++++	7728 ++++	17656	++++ 50.0	2.00 100	5.00 ++++	10.0 ++++	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 338937	++++ 704456	39075 1308583	74320 1596499	148396	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 179019	++++ 362990	20185 652090	38493 813787	74160	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Naphthalene	DCBd 4	Ave	++++ 943566	38882 1992397	93219 3723495	186558 4503221	388737	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 324841	++++ 665790	37125 1206805	71428 1486509	139712	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Ave	4646 240940	8687 490275	20072 981990	45780 1225374	89848	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	++++ 314251	++++ 646489	28119 1301233	58851 1595168	121441	++++ 50.0	++++ 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBNZ d5	Ave	++++ 998020	37767 2009153	88431 3930551	192814 4837073	387753	++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	++++	15032	34018	75436	147517	++++	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			365984	731999	1438324	1752251		50.0	100	200	250	

Curve Type Legend

Ave = Average ISTD Lin1 = Linear 1/conc ISTD Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 531795

SDG No.: _____

Instrument ID: A3UX18 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/22/2022 13:04 Calibration End Date: 06/22/2022 16:46 Calibration ID: 66356

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-531795/3	193284.D
Level 2	IC 240-531795/4	193285.D
Level 3	IC 240-531795/5	193286.D
Level 4	IC 240-531795/6	193287.D
Level 5	IC 240-531795/7	193288.D
Level 6	ICIS 240-531795/8	193289.D
Level 7	IC 240-531795/9	193290.D
Level 8	IC 240-531795/10	193291.D
Level 9	IC 240-531795/11	193292.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
Acetone	+++++	+++++	-0.7						50			
Methylene Chloride	+++++	-21.4						50				
Chlorodibromomethane	+++++	+++++	21.6						50			
Bromoform	+++++	+++++	28.0						50			
1,2-Dibromo-3-Chloropropane	+++++	-12.9 +++++	+++++					50				

Calibration

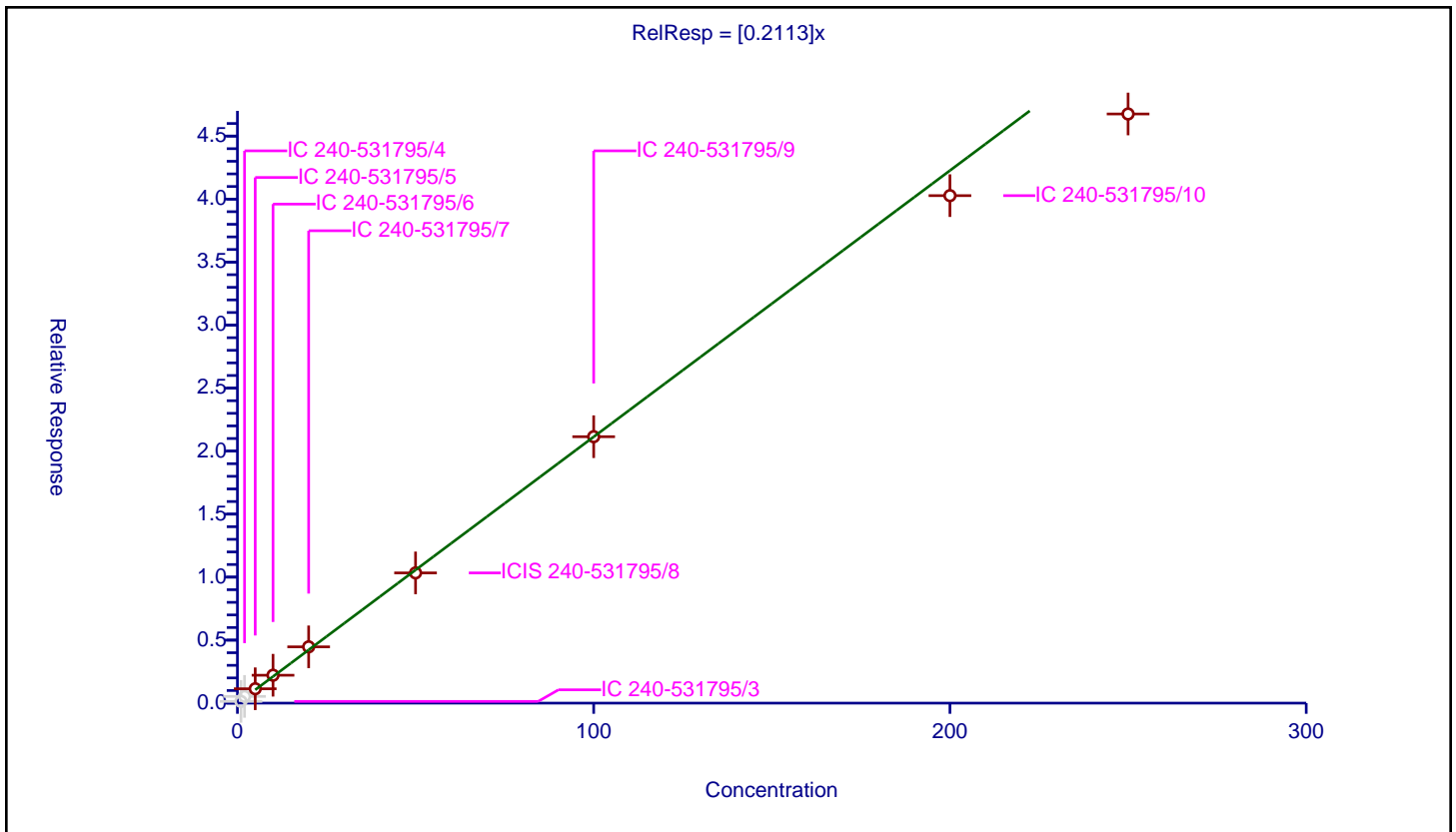
/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2113

Error Coefficients	
Standard Error:	497000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.135356	60.65	1025648.0	0.135356	N
2	IC 240-531795/4	2.0	0.53346	60.65	1005718.0	0.26673	N
3	IC 240-531795/5	5.0	1.139757	60.65	1032653.0	0.227951	Y
4	IC 240-531795/6	10.0	2.214874	60.65	998249.0	0.221487	Y
5	IC 240-531795/7	20.0	4.467258	60.65	1057492.0	0.223363	Y
6	ICIS 240-531795/8	50.0	10.334405	60.65	1086076.0	0.206688	Y
7	IC 240-531795/9	100.0	21.142847	60.65	1102772.0	0.211428	Y
8	IC 240-531795/10	200.0	40.274261	60.65	1095143.0	0.201371	Y
9	IC 240-531795/11	250.0	46.75536	60.65	1131489.0	0.187021	Y



Calibration

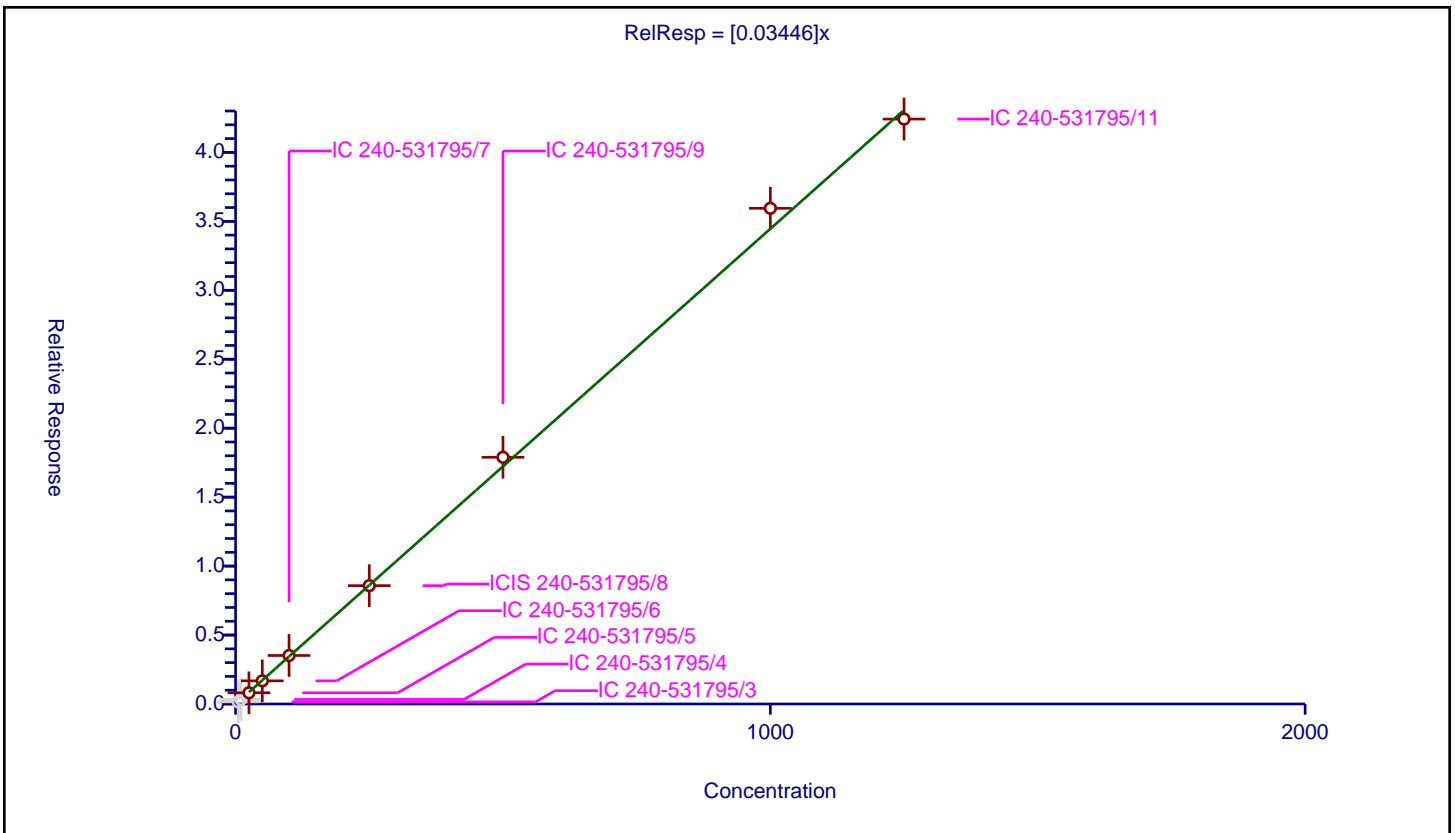
/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03446

Error Coefficients	
Standard Error:	444000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	5.0	0.15558	60.65	1025648.0	0.031116	N
2	IC 240-531795/4	10.0	0.329447	60.65	1005718.0	0.032945	N
3	IC 240-531795/5	25.0	0.813089	60.65	1032653.0	0.032524	Y
4	IC 240-531795/6	50.0	1.677362	60.65	998249.0	0.033547	Y
5	IC 240-531795/7	100.0	3.516235	60.65	1057492.0	0.035162	Y
6	ICIS 240-531795/8	250.0	8.580313	60.65	1086076.0	0.034321	Y
7	IC 240-531795/9	500.0	17.889784	60.65	1102772.0	0.03578	Y
8	IC 240-531795/10	1000.0	35.946299	60.65	1095143.0	0.035946	Y
9	IC 240-531795/11	1250.0	42.415158	60.65	1131489.0	0.033932	Y



Calibration

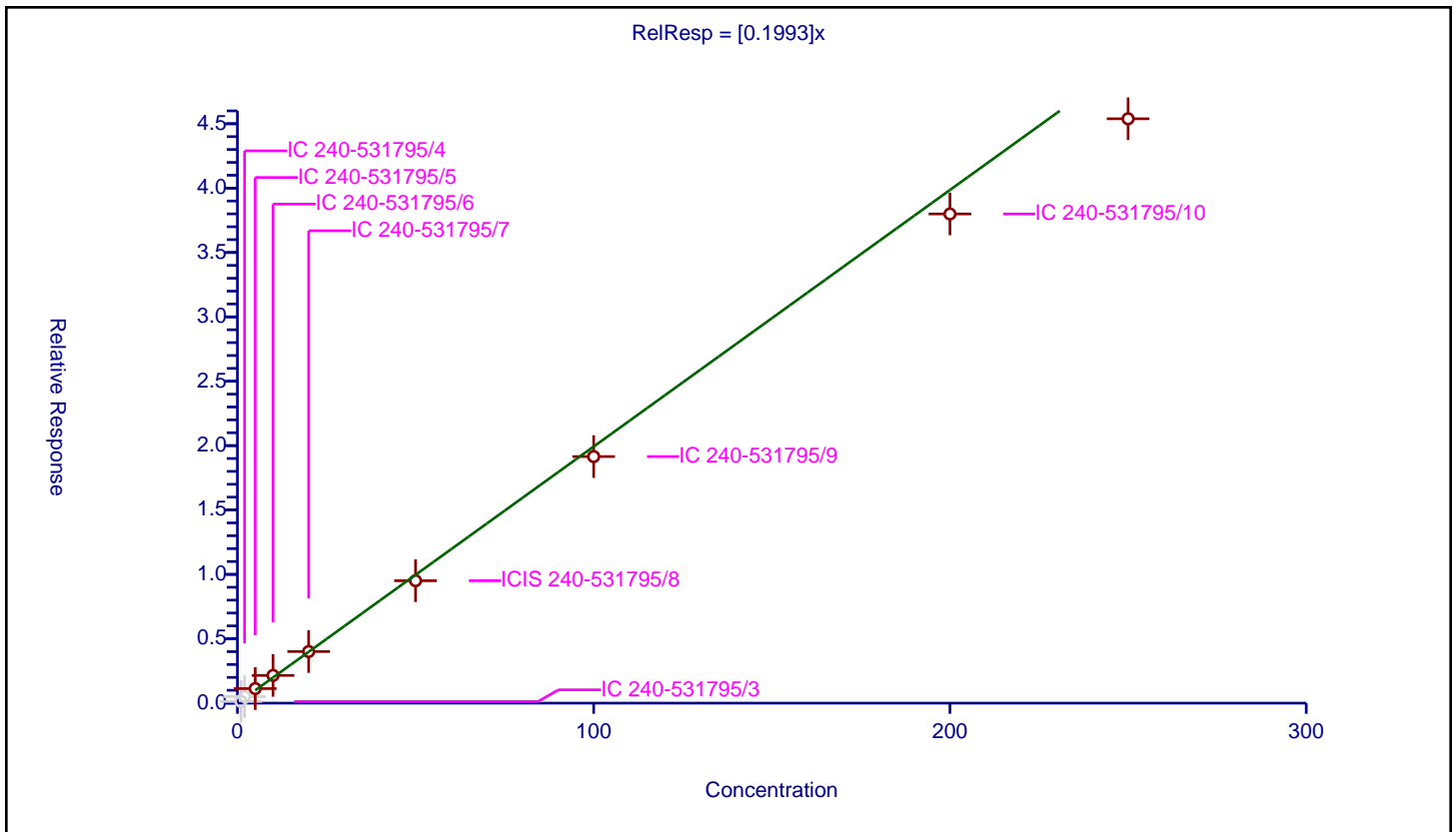
/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1993

Error Coefficients	
Standard Error:	473000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.131808	60.65	1025648.0	0.131808	N
2	IC 240-531795/4	2.0	0.504815	60.65	1005718.0	0.252407	N
3	IC 240-531795/5	5.0	1.13083	60.65	1032653.0	0.226166	Y
4	IC 240-531795/6	10.0	2.152295	60.65	998249.0	0.215229	Y
5	IC 240-531795/7	20.0	4.007977	60.65	1057492.0	0.200399	Y
6	ICIS 240-531795/8	50.0	9.507758	60.65	1086076.0	0.190155	Y
7	IC 240-531795/9	100.0	19.150278	60.65	1102772.0	0.191503	Y
8	IC 240-531795/10	200.0	37.993454	60.65	1095143.0	0.189967	Y
9	IC 240-531795/11	250.0	45.386956	60.65	1131489.0	0.181548	Y



Calibration

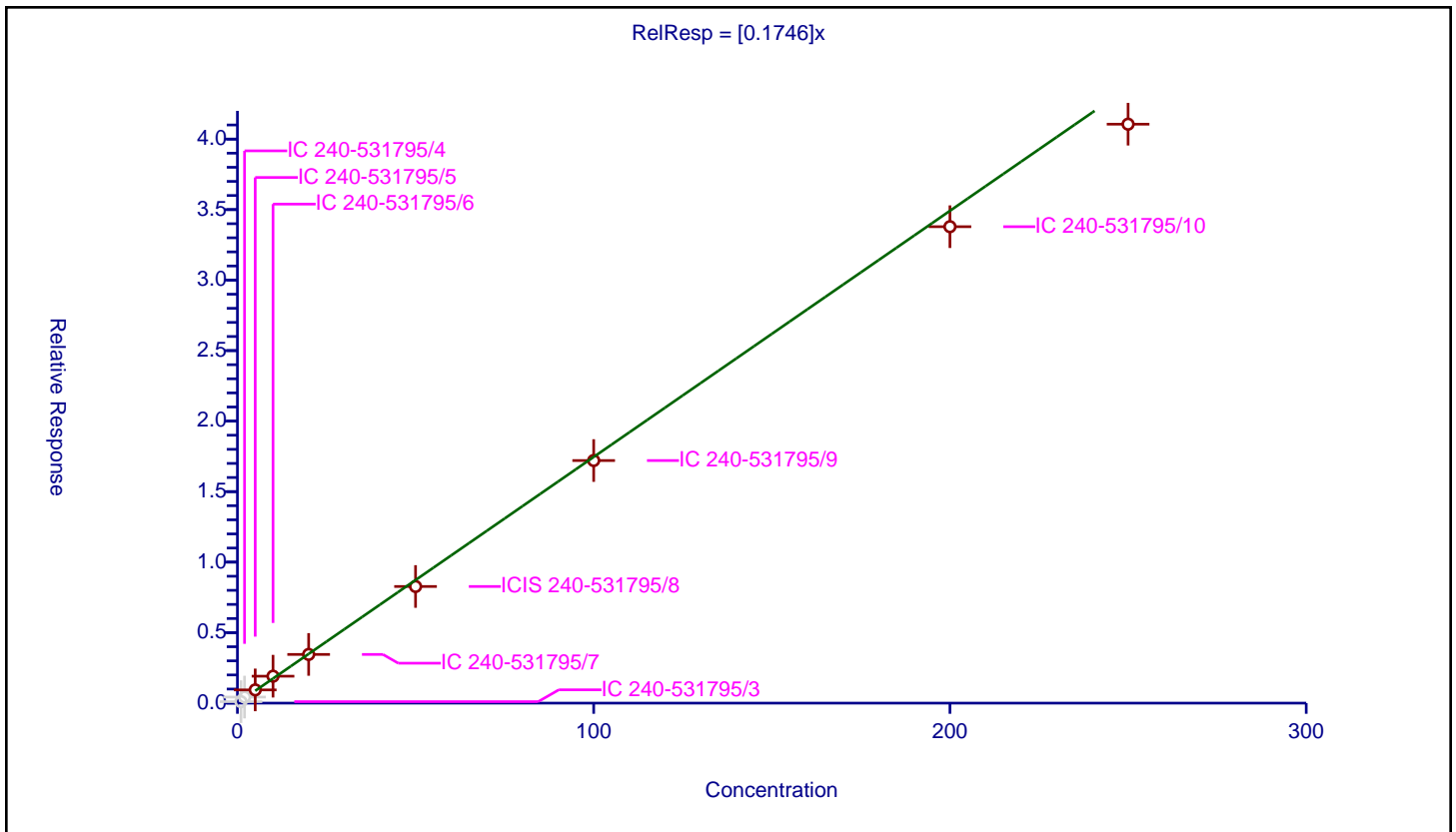
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1746

Error Coefficients	
Standard Error:	425000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.105671	60.65	1025648.0	0.105671	N
2	IC 240-531795/4	2.0	0.42889	60.65	1005718.0	0.214445	N
3	IC 240-531795/5	5.0	0.938423	60.65	1032653.0	0.187685	Y
4	IC 240-531795/6	10.0	1.909573	60.65	998249.0	0.190957	Y
5	IC 240-531795/7	20.0	3.453205	60.65	1057492.0	0.17266	Y
6	ICIS 240-531795/8	50.0	8.271054	60.65	1086076.0	0.165421	Y
7	IC 240-531795/9	100.0	17.204237	60.65	1102772.0	0.172042	Y
8	IC 240-531795/10	200.0	33.788438	60.65	1095143.0	0.168942	Y
9	IC 240-531795/11	250.0	41.056885	60.65	1131489.0	0.164228	Y



Calibration

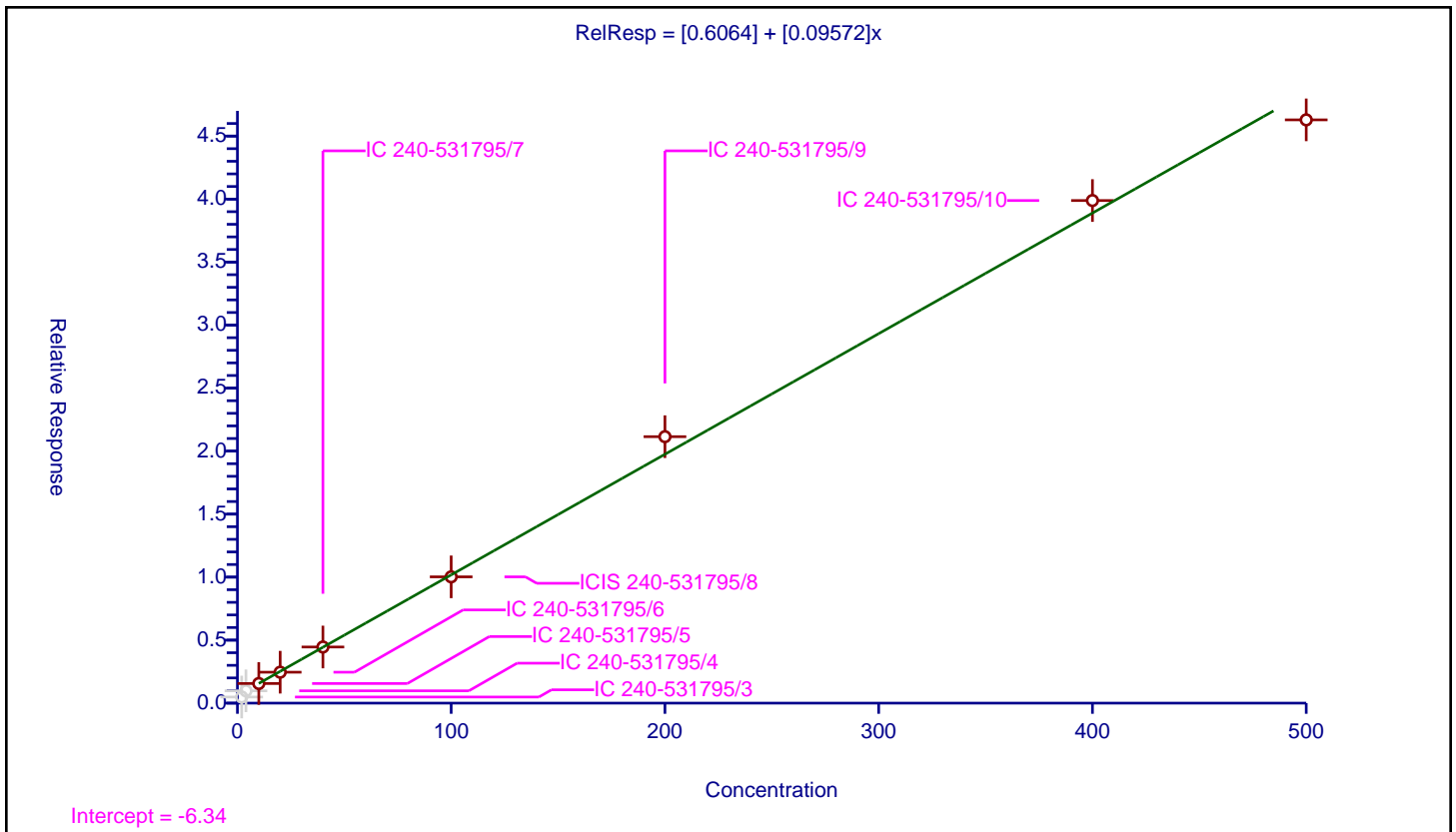
/ Acetone

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.6064
Slope:	0.09572

Error Coefficients	
Standard Error:	539000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.484834	60.65	1025648.0	0.242417	N
2	IC 240-531795/4	4.0	0.976944	60.65	1005718.0	0.244236	N
3	IC 240-531795/5	10.0	1.556521	60.65	1032653.0	0.155652	Y
4	IC 240-531795/6	20.0	2.454619	60.65	998249.0	0.122731	Y
5	IC 240-531795/7	40.0	4.453952	60.65	1057492.0	0.111349	Y
6	ICIS 240-531795/8	100.0	10.021572	60.65	1086076.0	0.100216	Y
7	IC 240-531795/9	200.0	21.144992	60.65	1102772.0	0.105725	Y
8	IC 240-531795/10	400.0	39.886262	60.65	1095143.0	0.099716	Y
9	IC 240-531795/11	500.0	46.286718	60.65	1131489.0	0.092573	Y



Calibration

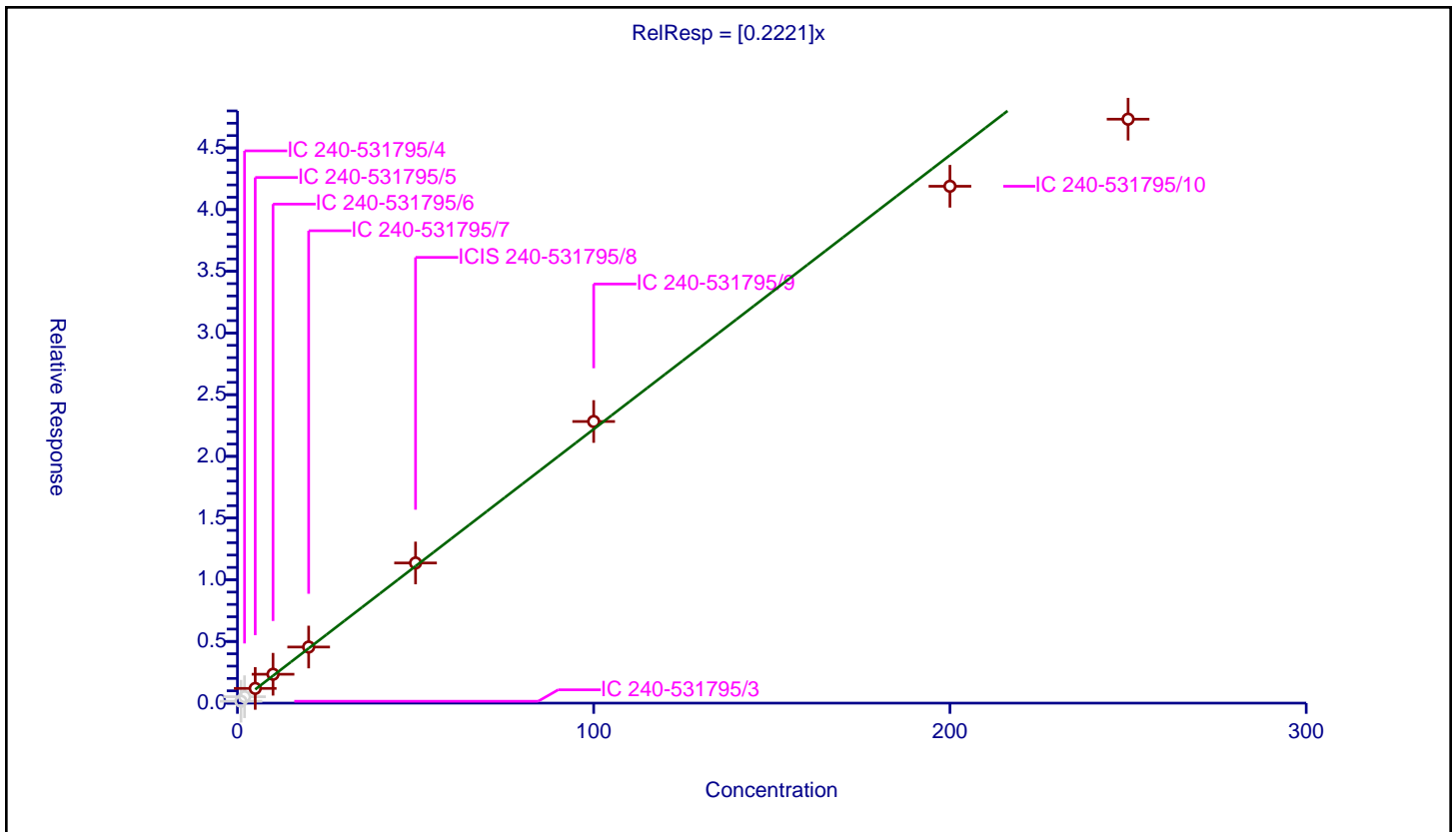
/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2221

Error Coefficients	
Standard Error:	512000
Relative Standard Error:	7.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.1515	60.65	1025648.0	0.1515	N
2	IC 240-531795/4	2.0	0.518625	60.65	1005718.0	0.259312	N
3	IC 240-531795/5	5.0	1.193556	60.65	1032653.0	0.238711	Y
4	IC 240-531795/6	10.0	2.340214	60.65	998249.0	0.234021	Y
5	IC 240-531795/7	20.0	4.547781	60.65	1057492.0	0.227389	Y
6	ICIS 240-531795/8	50.0	11.360525	60.65	1086076.0	0.22721	Y
7	IC 240-531795/9	100.0	22.825834	60.65	1102772.0	0.228258	Y
8	IC 240-531795/10	200.0	41.890275	60.65	1095143.0	0.209451	Y
9	IC 240-531795/11	250.0	47.329329	60.65	1131489.0	0.189317	Y



Calibration

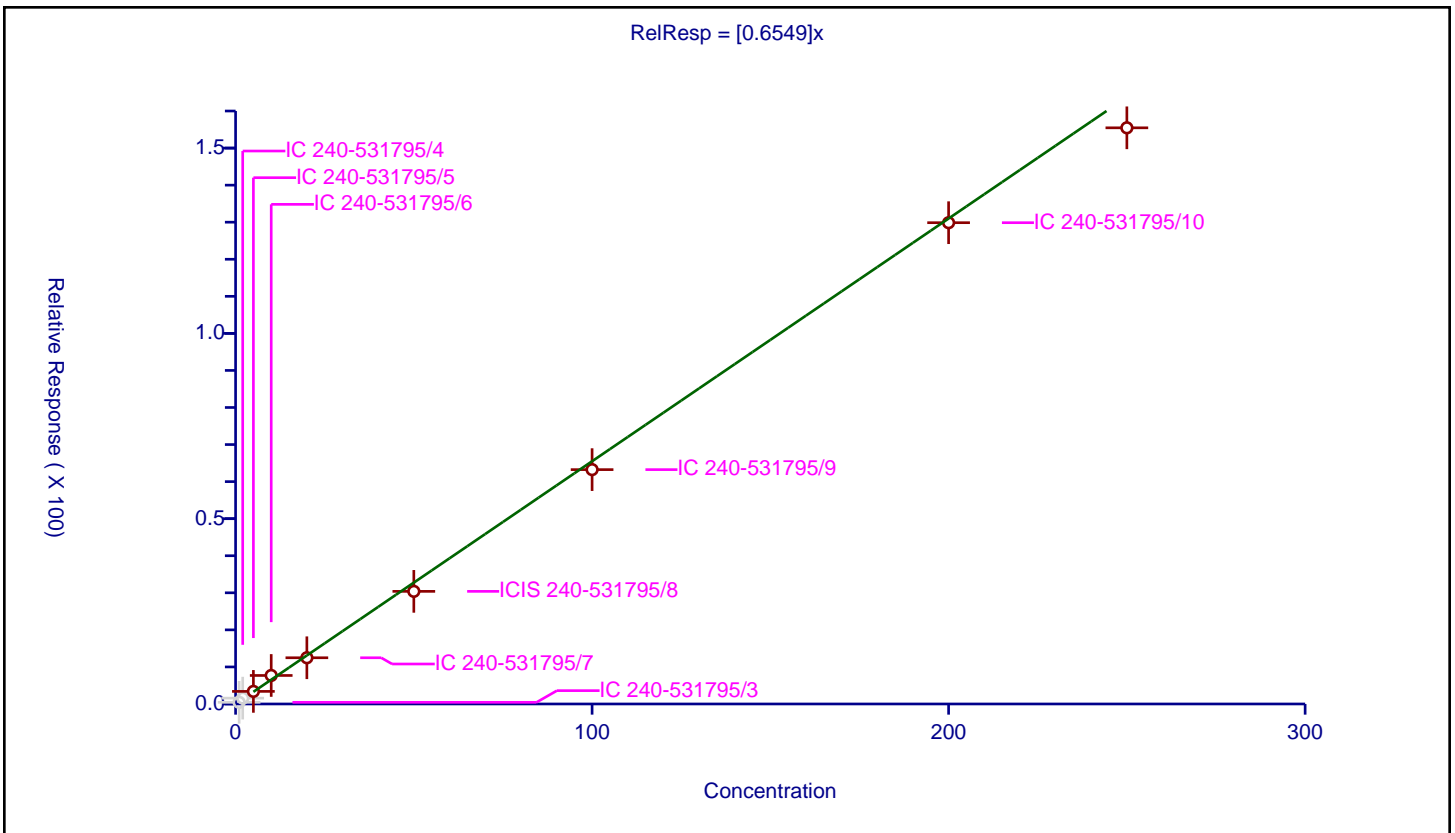
/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6549

Error Coefficients	
Standard Error:	1610000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.446457	60.65	1025648.0	0.446457	N
2	IC 240-531795/4	2.0	1.577945	60.65	1005718.0	0.788973	N
3	IC 240-531795/5	5.0	3.398011	60.65	1032653.0	0.679602	Y
4	IC 240-531795/6	10.0	7.698684	60.65	998249.0	0.769868	Y
5	IC 240-531795/7	20.0	12.47524	60.65	1057492.0	0.623762	Y
6	ICIS 240-531795/8	50.0	30.392626	60.65	1086076.0	0.607853	Y
7	IC 240-531795/9	100.0	63.238855	60.65	1102772.0	0.632389	Y
8	IC 240-531795/10	200.0	129.86244	60.65	1095143.0	0.649312	Y
9	IC 240-531795/11	250.0	155.464587	60.65	1131489.0	0.621858	Y



Calibration

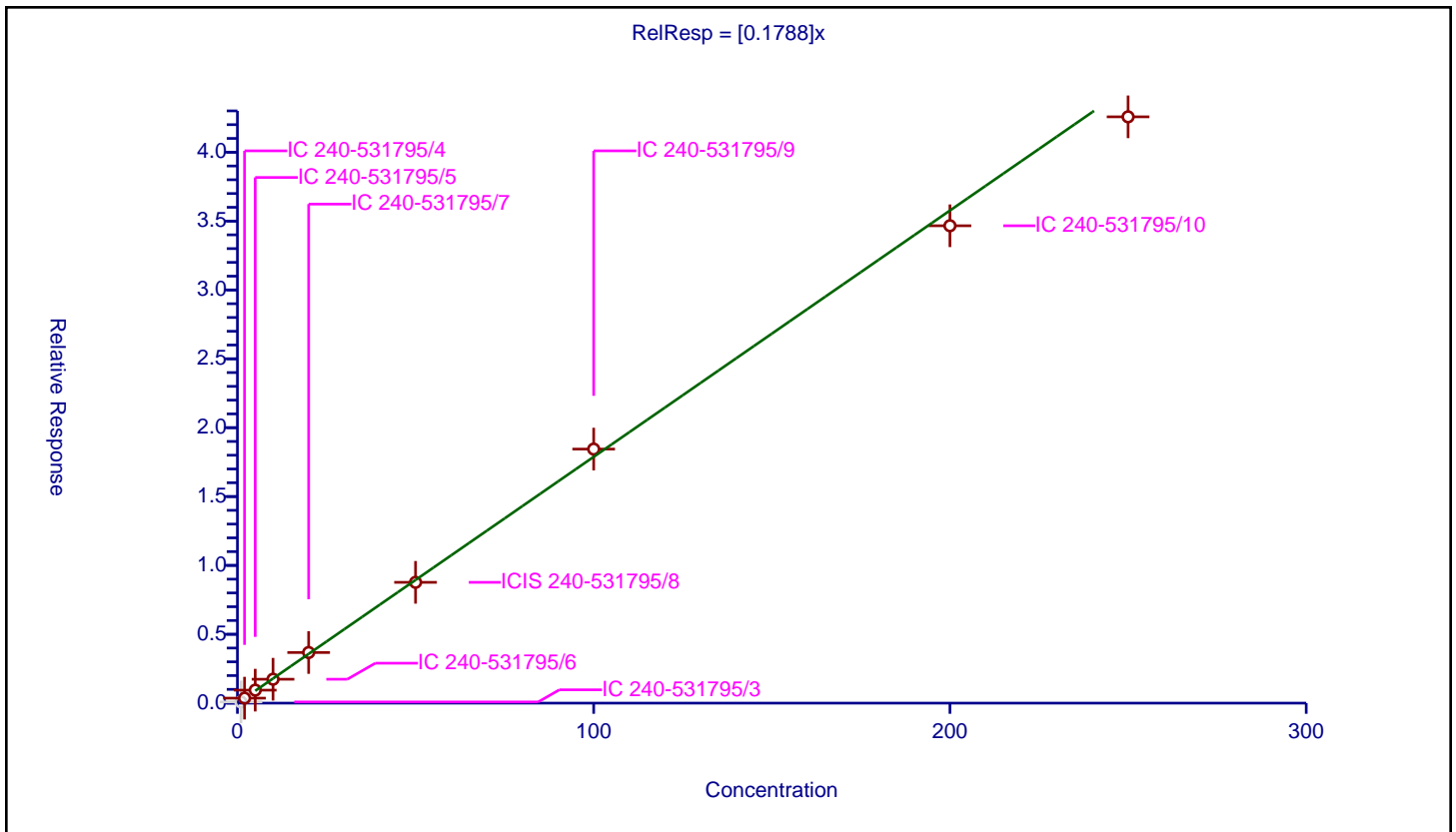
/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1788

Error Coefficients	
Standard Error:	408000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.086098	60.65	1025648.0	0.086098	N
2	IC 240-531795/4	2.0	0.362555	60.65	1005718.0	0.181277	Y
3	IC 240-531795/5	5.0	0.943416	60.65	1032653.0	0.188683	Y
4	IC 240-531795/6	10.0	1.735142	60.65	998249.0	0.173514	Y
5	IC 240-531795/7	20.0	3.674988	60.65	1057492.0	0.183749	Y
6	ICIS 240-531795/8	50.0	8.770739	60.65	1086076.0	0.175415	Y
7	IC 240-531795/9	100.0	18.445152	60.65	1102772.0	0.184452	Y
8	IC 240-531795/10	200.0	34.660189	60.65	1095143.0	0.173301	Y
9	IC 240-531795/11	250.0	42.56862	60.65	1131489.0	0.170274	Y



Calibration

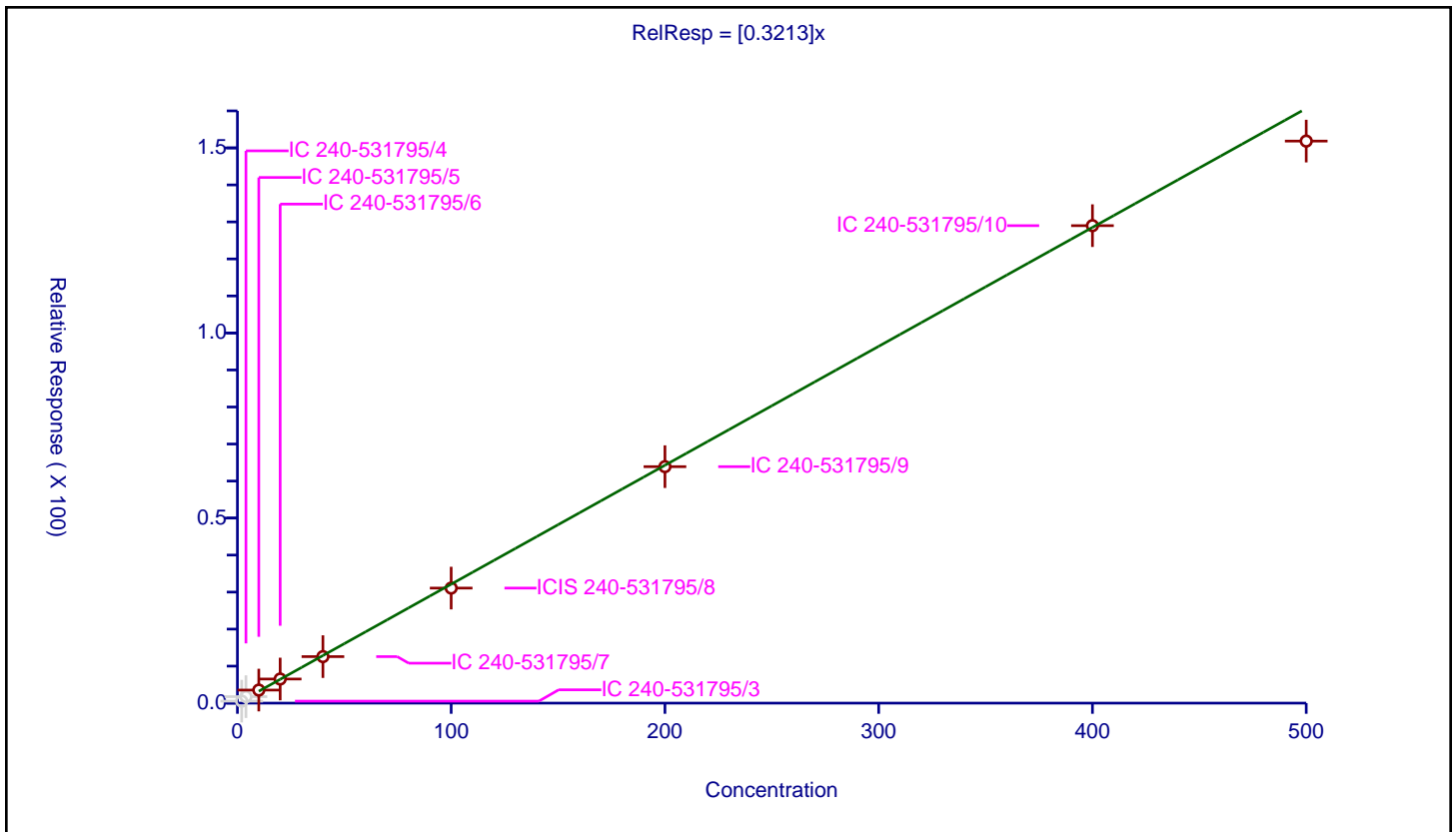
/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3213

Error Coefficients	
Standard Error:	1590000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.535334	60.65	1025648.0	0.267667	N
2	IC 240-531795/4	4.0	1.749272	60.65	1005718.0	0.437318	N
3	IC 240-531795/5	10.0	3.530452	60.65	1032653.0	0.353045	Y
4	IC 240-531795/6	20.0	6.512295	60.65	998249.0	0.325615	Y
5	IC 240-531795/7	40.0	12.565743	60.65	1057492.0	0.314144	Y
6	ICIS 240-531795/8	100.0	31.083854	60.65	1086076.0	0.310839	Y
7	IC 240-531795/9	200.0	63.881009	60.65	1102772.0	0.319405	Y
8	IC 240-531795/10	400.0	128.994345	60.65	1095143.0	0.322486	Y
9	IC 240-531795/11	500.0	151.839863	60.65	1131489.0	0.30368	Y



Calibration

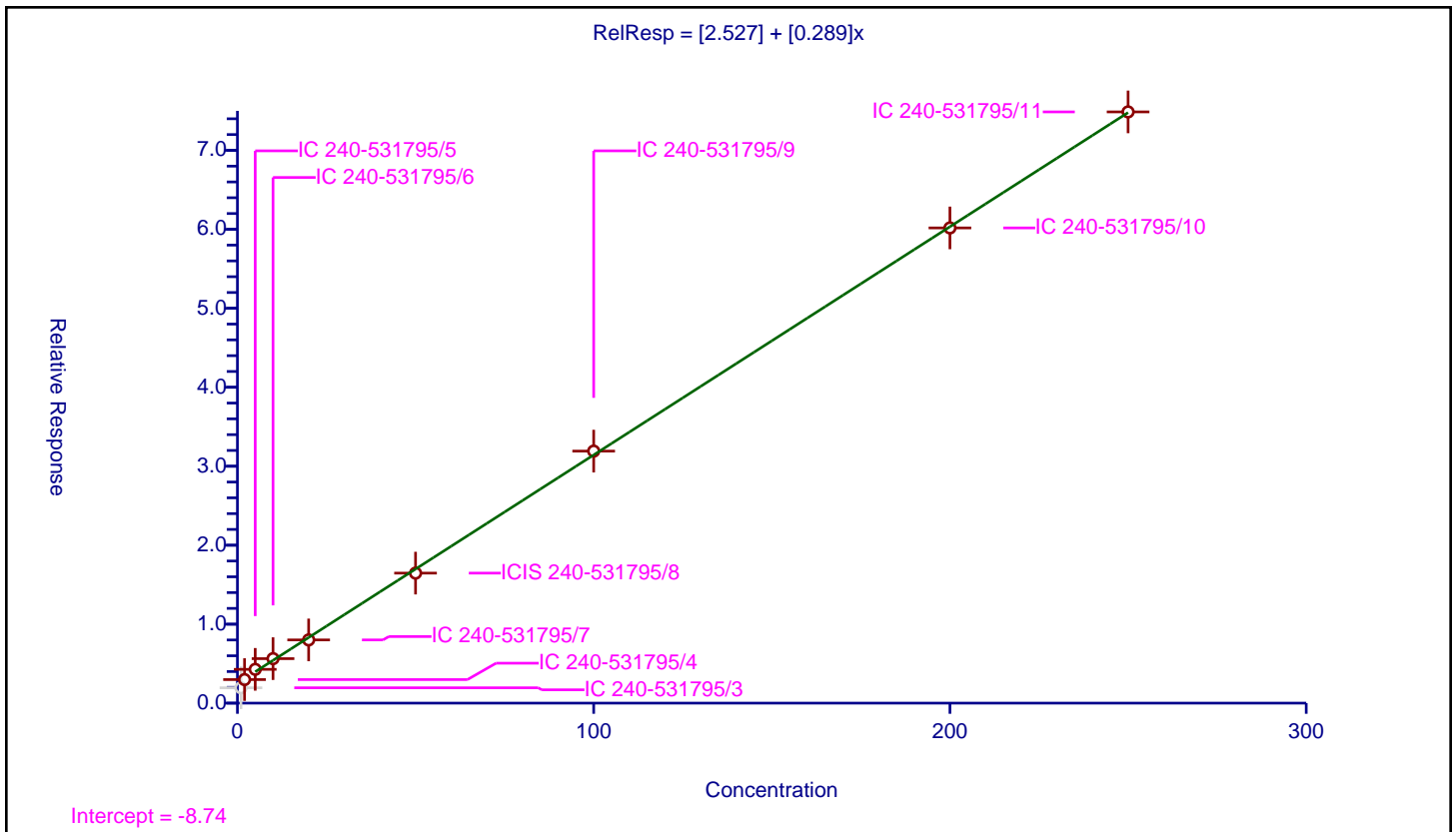
/ Methylene Chloride

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	2.527
Slope:	0.289

Error Coefficients	
Standard Error:	774000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.945665	60.65	1025648.0	1.945665	N
2	IC 240-531795/4	2.0	2.981669	60.65	1005718.0	1.490834	Y
3	IC 240-531795/5	5.0	4.277467	60.65	1032653.0	0.855493	Y
4	IC 240-531795/6	10.0	5.635458	60.65	998249.0	0.563546	Y
5	IC 240-531795/7	20.0	8.006549	60.65	1057492.0	0.400327	Y
6	ICIS 240-531795/8	50.0	16.463759	60.65	1086076.0	0.329275	Y
7	IC 240-531795/9	100.0	31.91691	60.65	1102772.0	0.319169	Y
8	IC 240-531795/10	200.0	60.178099	60.65	1095143.0	0.30089	Y
9	IC 240-531795/11	250.0	74.870325	60.65	1131489.0	0.299481	Y



Calibration

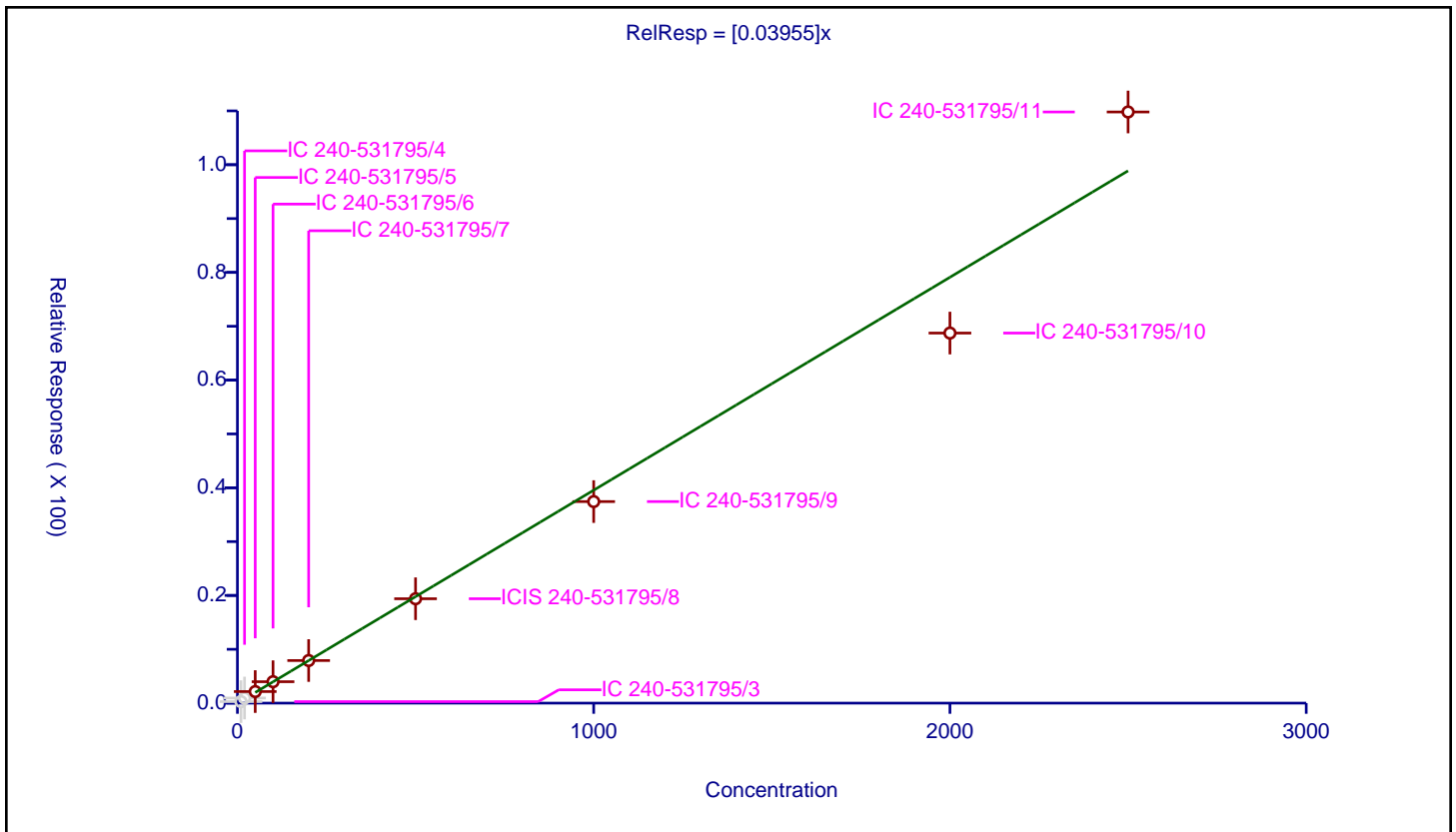
/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03955

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	8.2
Correlation Coefficient:	0.971
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	10.0	0.281593	60.65	1025648.0	0.028159	N
2	IC 240-531795/4	20.0	0.945404	60.65	1005718.0	0.04727	N
3	IC 240-531795/5	50.0	2.149129	60.65	1032653.0	0.042983	Y
4	IC 240-531795/6	100.0	3.980819	60.65	998249.0	0.039808	Y
5	IC 240-531795/7	200.0	7.910598	60.65	1057492.0	0.039553	Y
6	ICIS 240-531795/8	500.0	19.387599	60.65	1086076.0	0.038775	Y
7	IC 240-531795/9	1000.0	37.435167	60.65	1102772.0	0.037435	Y
8	IC 240-531795/10	2000.0	68.733229	60.65	1095143.0	0.034367	Y
9	IC 240-531795/11	2500.0	109.798258	60.65	1131489.0	0.043919	Y



Calibration

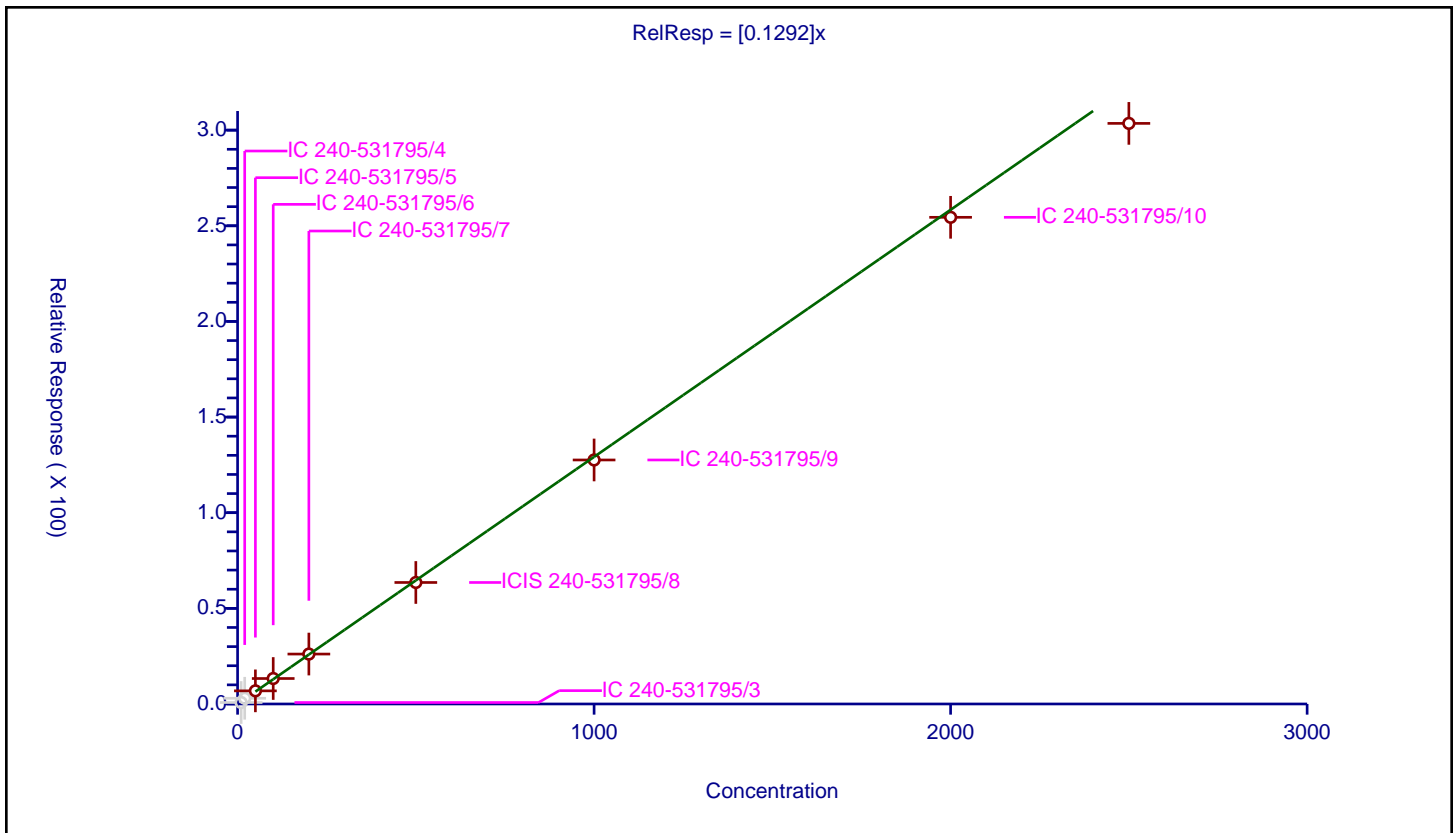
/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1292

Error Coefficients	
Standard Error:	3170000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	10.0	0.777544	60.65	1025648.0	0.077754	N
2	IC 240-531795/4	20.0	2.991378	60.65	1005718.0	0.149569	N
3	IC 240-531795/5	50.0	6.864328	60.65	1032653.0	0.137287	Y
4	IC 240-531795/6	100.0	13.324969	60.65	998249.0	0.13325	Y
5	IC 240-531795/7	200.0	26.101549	60.65	1057492.0	0.130508	Y
6	ICIS 240-531795/8	500.0	63.522353	60.65	1086076.0	0.127045	Y
7	IC 240-531795/9	1000.0	127.569636	60.65	1102772.0	0.12757	Y
8	IC 240-531795/10	2000.0	254.42947	60.65	1095143.0	0.127215	Y
9	IC 240-531795/11	2500.0	303.537735	60.65	1131489.0	0.121415	Y



Calibration

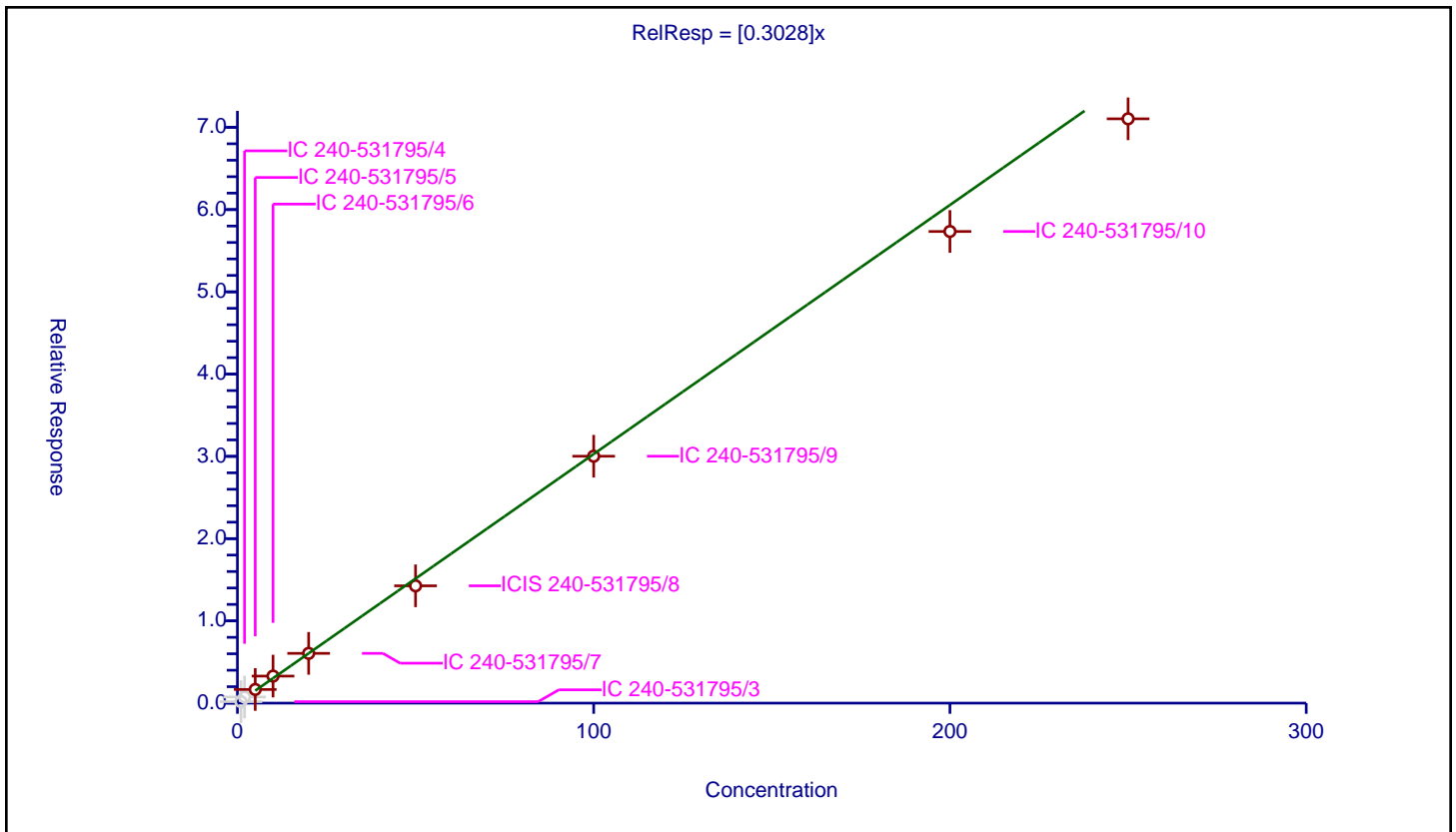
/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3028

Error Coefficients	
Standard Error:	731000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.179647	60.65	1025648.0	0.179647	N
2	IC 240-531795/4	2.0	0.744106	60.65	1005718.0	0.372053	N
3	IC 240-531795/5	5.0	1.65989	60.65	1032653.0	0.331978	Y
4	IC 240-531795/6	10.0	3.288196	60.65	998249.0	0.32882	Y
5	IC 240-531795/7	20.0	6.050708	60.65	1057492.0	0.302535	Y
6	ICIS 240-531795/8	50.0	14.260241	60.65	1086076.0	0.285205	Y
7	IC 240-531795/9	100.0	30.018167	60.65	1102772.0	0.300182	Y
8	IC 240-531795/10	200.0	57.339884	60.65	1095143.0	0.286699	Y
9	IC 240-531795/11	250.0	71.034249	60.65	1131489.0	0.284137	Y



Calibration

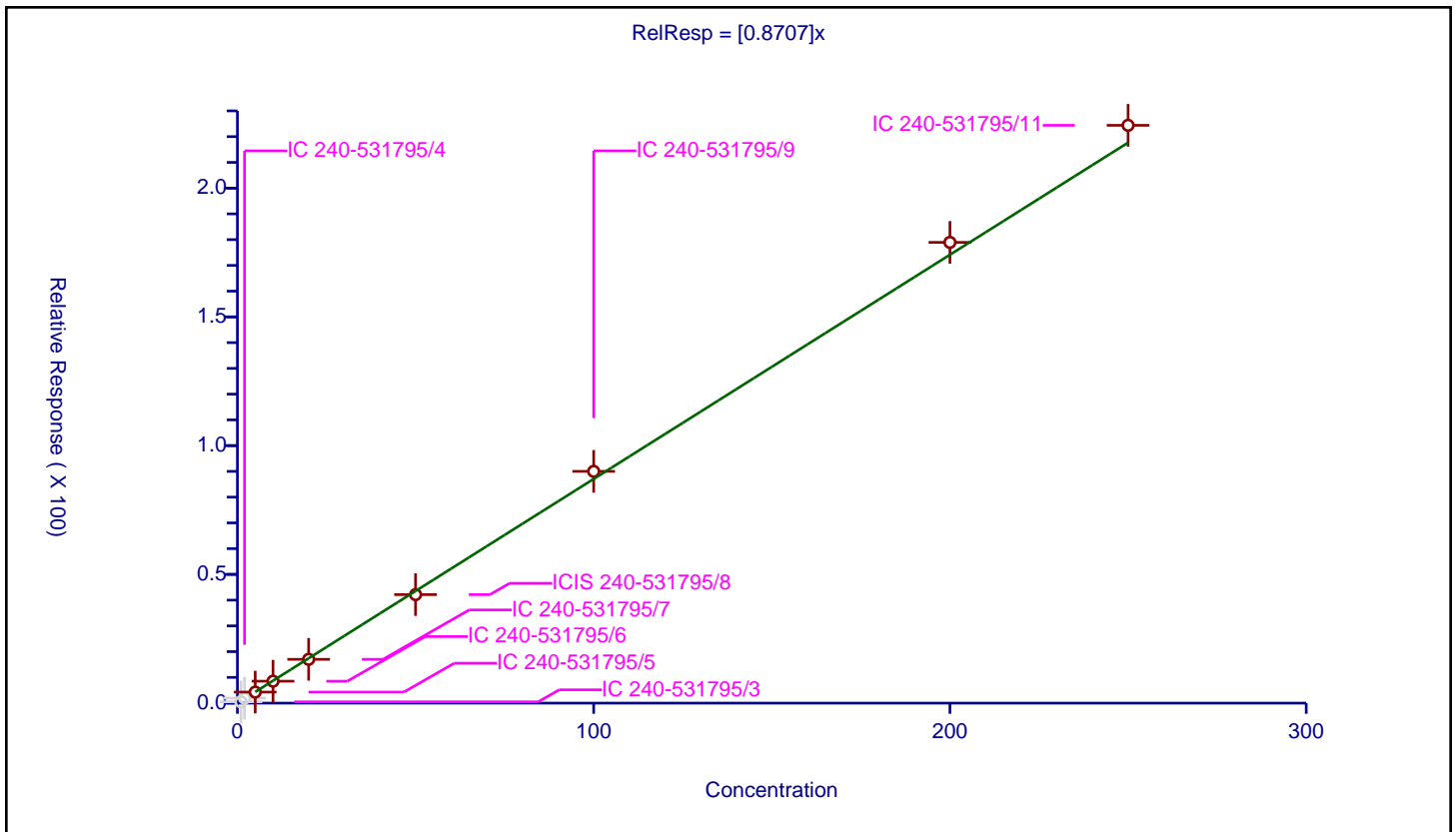
/ Methyl tert-butyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8707

Error Coefficients	
Standard Error:	2280000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.498139	60.65	1025648.0	0.498139	N
2	IC 240-531795/4	2.0	1.959134	60.65	1005718.0	0.979567	N
3	IC 240-531795/5	5.0	4.287511	60.65	1032653.0	0.857502	Y
4	IC 240-531795/6	10.0	8.516526	60.65	998249.0	0.851653	Y
5	IC 240-531795/7	20.0	17.005127	60.65	1057492.0	0.850256	Y
6	ICIS 240-531795/8	50.0	42.143998	60.65	1086076.0	0.84288	Y
7	IC 240-531795/9	100.0	90.010064	60.65	1102772.0	0.900101	Y
8	IC 240-531795/10	200.0	178.93307	60.65	1095143.0	0.894665	Y
9	IC 240-531795/11	250.0	224.391905	60.65	1131489.0	0.897568	Y



Calibration

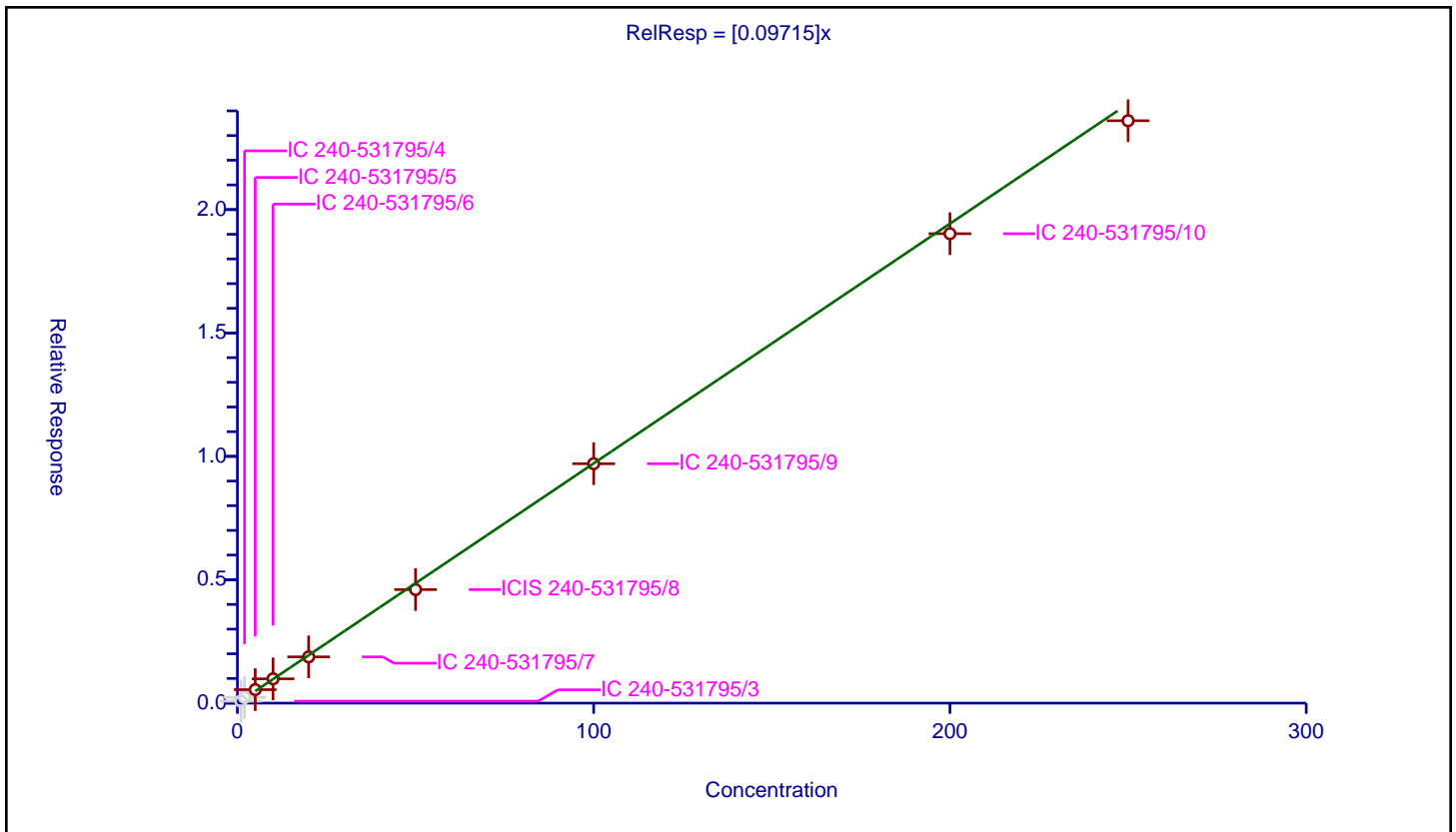
/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09715

Error Coefficients	
Standard Error:	242000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.078825	60.65	1025648.0	0.078825	N
2	IC 240-531795/4	2.0	0.232597	60.65	1005718.0	0.116299	N
3	IC 240-531795/5	5.0	0.546151	60.65	1032653.0	0.10923	Y
4	IC 240-531795/6	10.0	0.985165	60.65	998249.0	0.098516	Y
5	IC 240-531795/7	20.0	1.874228	60.65	1057492.0	0.093711	Y
6	ICIS 240-531795/8	50.0	4.601762	60.65	1086076.0	0.092035	Y
7	IC 240-531795/9	100.0	9.702761	60.65	1102772.0	0.097028	Y
8	IC 240-531795/10	200.0	19.023282	60.65	1095143.0	0.095116	Y
9	IC 240-531795/11	250.0	23.600771	60.65	1131489.0	0.094403	Y



Calibration

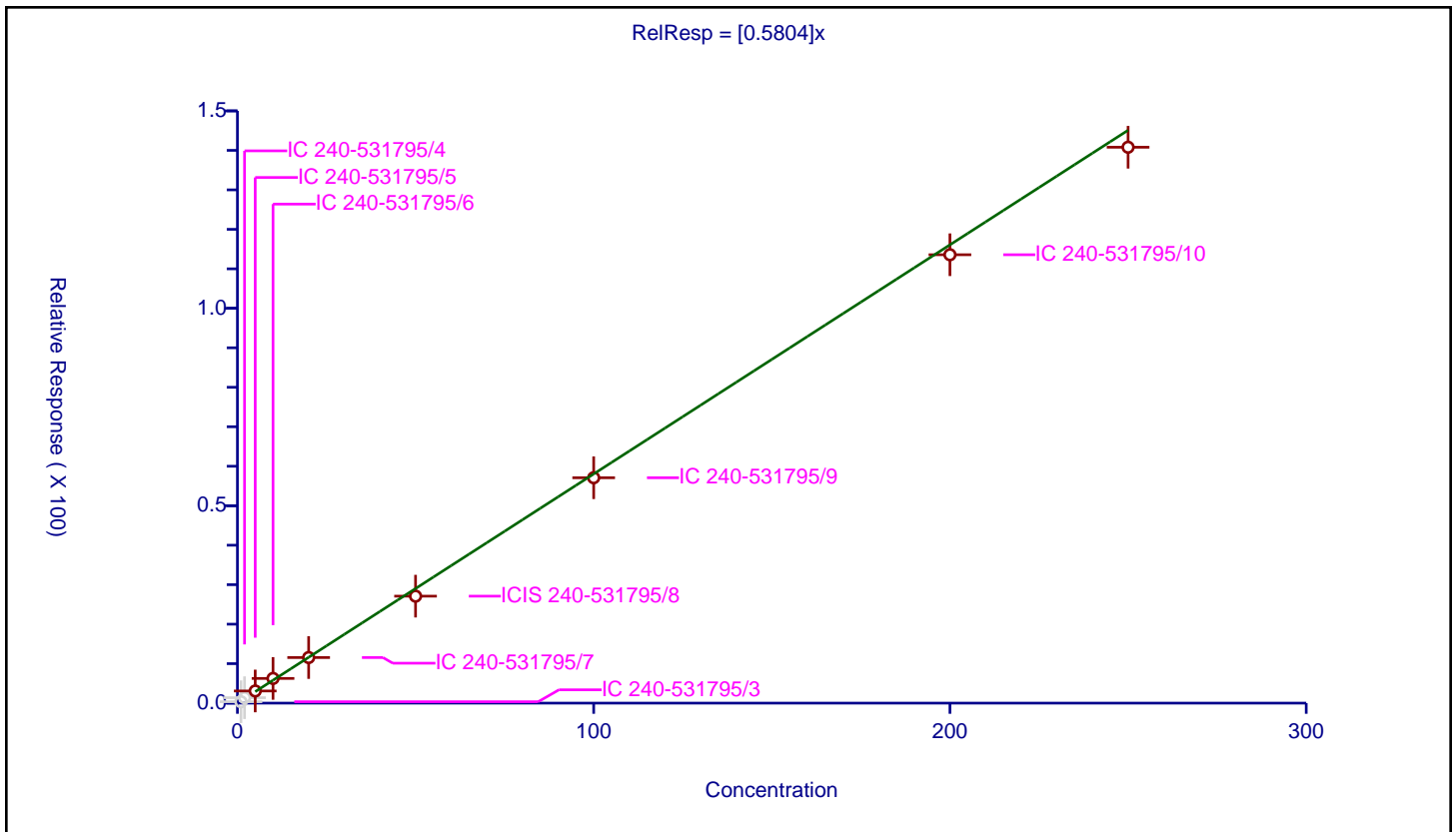
/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5804

Error Coefficients	
Standard Error:	1440000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.355096	60.65	1025648.0	0.355096	N
2	IC 240-531795/4	2.0	1.379963	60.65	1005718.0	0.689982	N
3	IC 240-531795/5	5.0	3.081327	60.65	1032653.0	0.616265	Y
4	IC 240-531795/6	10.0	6.254201	60.65	998249.0	0.62542	Y
5	IC 240-531795/7	20.0	11.545611	60.65	1057492.0	0.577281	Y
6	ICIS 240-531795/8	50.0	27.091509	60.65	1086076.0	0.54183	Y
7	IC 240-531795/9	100.0	57.088069	60.65	1102772.0	0.570881	Y
8	IC 240-531795/10	200.0	113.566999	60.65	1095143.0	0.567835	Y
9	IC 240-531795/11	250.0	140.793791	60.65	1131489.0	0.563175	Y



Calibration

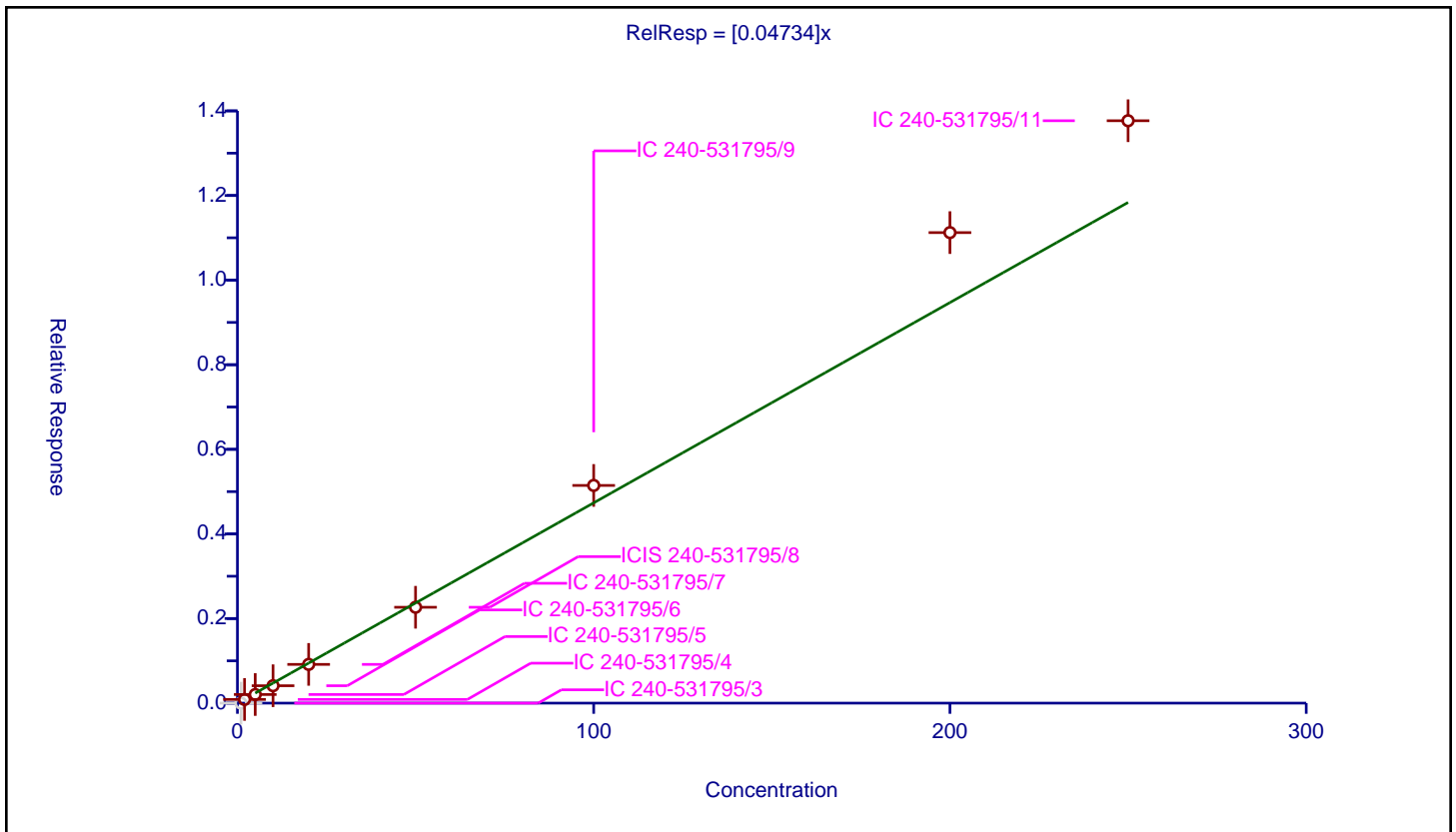
/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04734

Error Coefficients	
Standard Error:	129000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.0	60.65	1025648.0	0.0	N
2	IC 240-531795/4	2.0	0.087322	60.65	1005718.0	0.043661	Y
3	IC 240-531795/5	5.0	0.20339	60.65	1032653.0	0.040678	Y
4	IC 240-531795/6	10.0	0.411625	60.65	998249.0	0.041162	Y
5	IC 240-531795/7	20.0	0.915578	60.65	1057492.0	0.045779	Y
6	ICIS 240-531795/8	50.0	2.26623	60.65	1086076.0	0.045325	Y
7	IC 240-531795/9	100.0	5.146141	60.65	1102772.0	0.051461	Y
8	IC 240-531795/10	200.0	11.122644	60.65	1095143.0	0.055613	Y
9	IC 240-531795/11	250.0	13.767228	60.65	1131489.0	0.055069	Y



Calibration

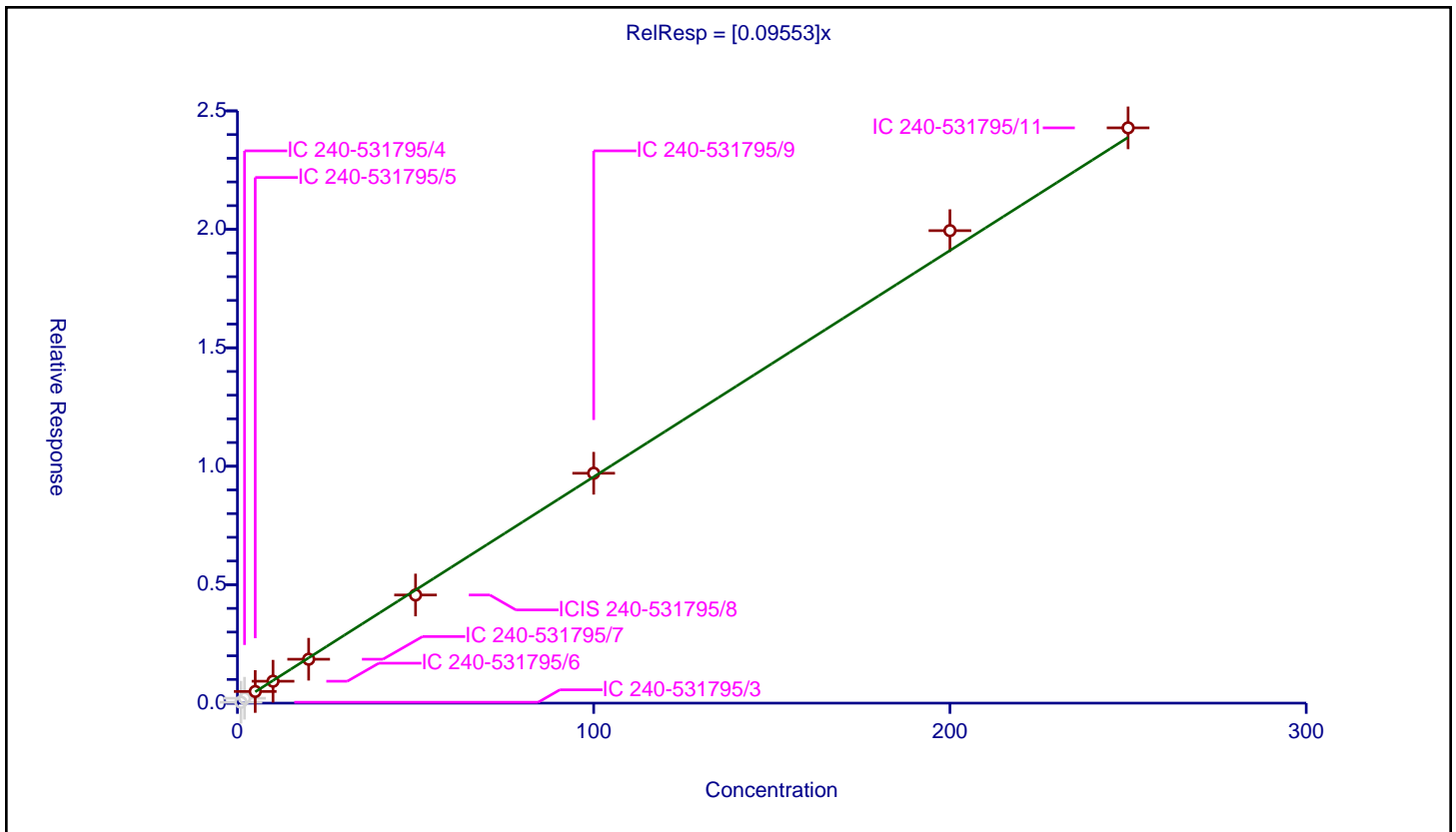
/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09553

Error Coefficients	
Standard Error:	250000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.038082	60.65	1025648.0	0.038082	N
2	IC 240-531795/4	2.0	0.206967	60.65	1005718.0	0.103484	N
3	IC 240-531795/5	5.0	0.491824	60.65	1032653.0	0.098365	Y
4	IC 240-531795/6	10.0	0.924894	60.65	998249.0	0.092489	Y
5	IC 240-531795/7	20.0	1.852836	60.65	1057492.0	0.092642	Y
6	ICIS 240-531795/8	50.0	4.565352	60.65	1086076.0	0.091307	Y
7	IC 240-531795/9	100.0	9.704026	60.65	1102772.0	0.09704	Y
8	IC 240-531795/10	200.0	19.94543	60.65	1095143.0	0.099727	Y
9	IC 240-531795/11	250.0	24.283445	60.65	1131489.0	0.097134	Y



Calibration

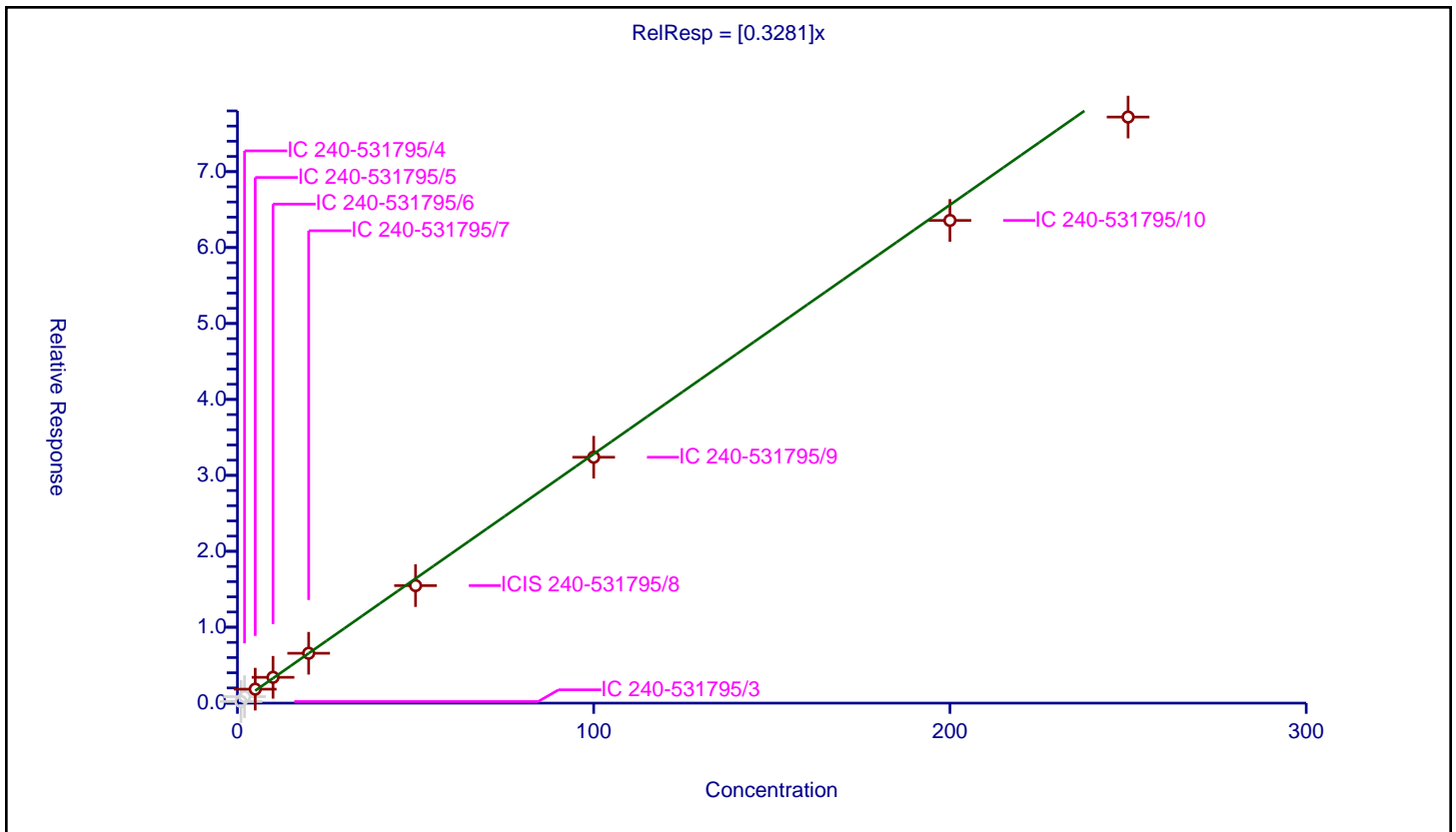
/ cis-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3281

Error Coefficients	
Standard Error:	799000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.213885	60.65	1025648.0	0.213885	N
2	IC 240-531795/4	2.0	0.853559	60.65	1005718.0	0.42678	N
3	IC 240-531795/5	5.0	1.839845	60.65	1032653.0	0.367969	Y
4	IC 240-531795/6	10.0	3.401021	60.65	998249.0	0.340102	Y
5	IC 240-531795/7	20.0	6.569577	60.65	1057492.0	0.328479	Y
6	ICIS 240-531795/8	50.0	15.479019	60.65	1086076.0	0.30958	Y
7	IC 240-531795/9	100.0	32.384611	60.65	1102772.0	0.323846	Y
8	IC 240-531795/10	200.0	63.573668	60.65	1095143.0	0.317868	Y
9	IC 240-531795/11	250.0	77.18936	60.65	1131489.0	0.308757	Y



Calibration

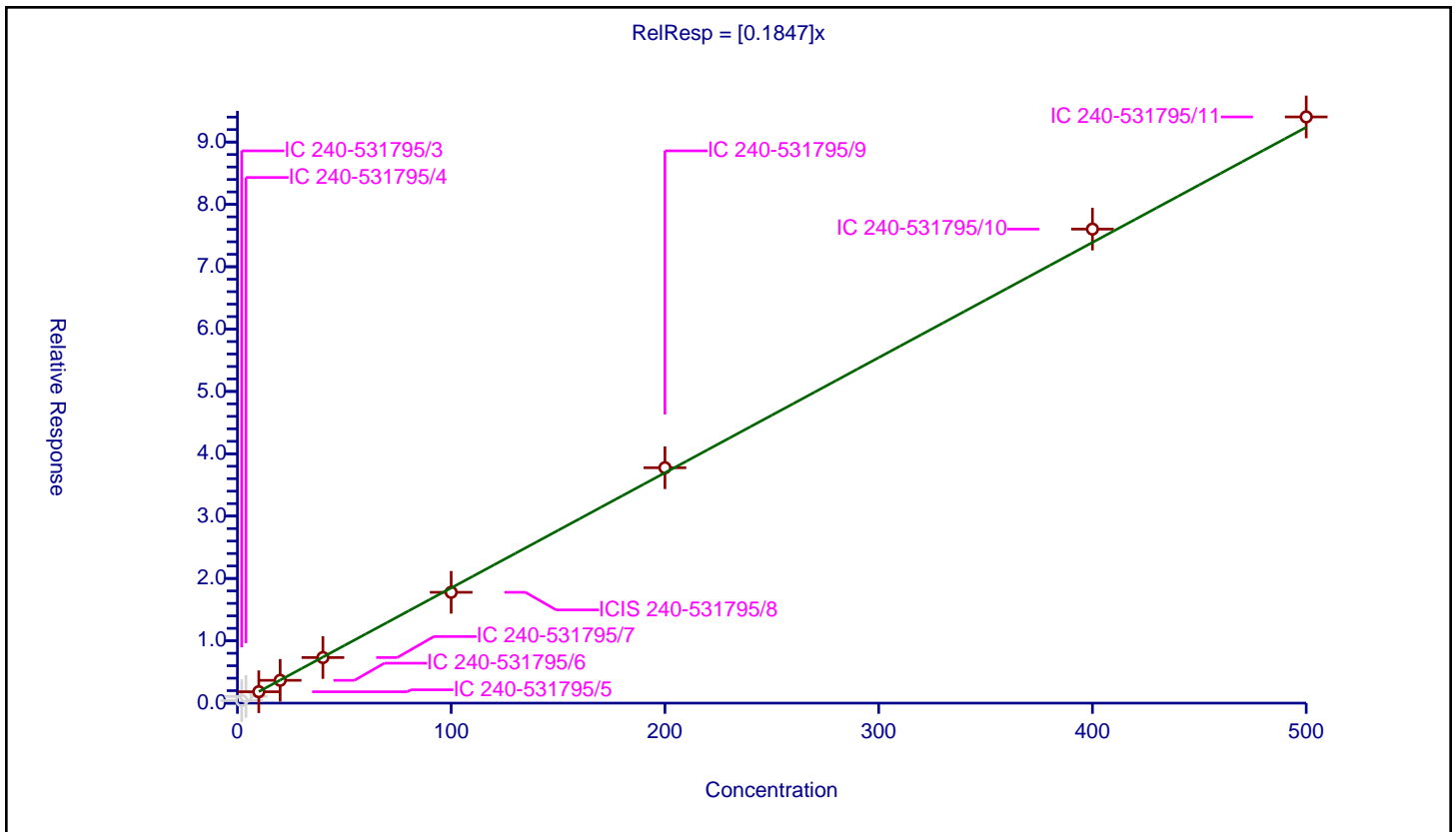
/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1847

Error Coefficients	
Standard Error:	962000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.4053	60.65	1025648.0	0.20265	N
2	IC 240-531795/4	4.0	1.075422	60.65	1005718.0	0.268856	N
3	IC 240-531795/5	10.0	1.827159	60.65	1032653.0	0.182716	Y
4	IC 240-531795/6	20.0	3.659175	60.65	998249.0	0.182959	Y
5	IC 240-531795/7	40.0	7.310861	60.65	1057492.0	0.182772	Y
6	ICIS 240-531795/8	100.0	17.780431	60.65	1086076.0	0.177804	Y
7	IC 240-531795/9	200.0	37.758883	60.65	1102772.0	0.188794	Y
8	IC 240-531795/10	400.0	76.035256	60.65	1095143.0	0.190088	Y
9	IC 240-531795/11	500.0	94.030337	60.65	1131489.0	0.188061	Y



Calibration

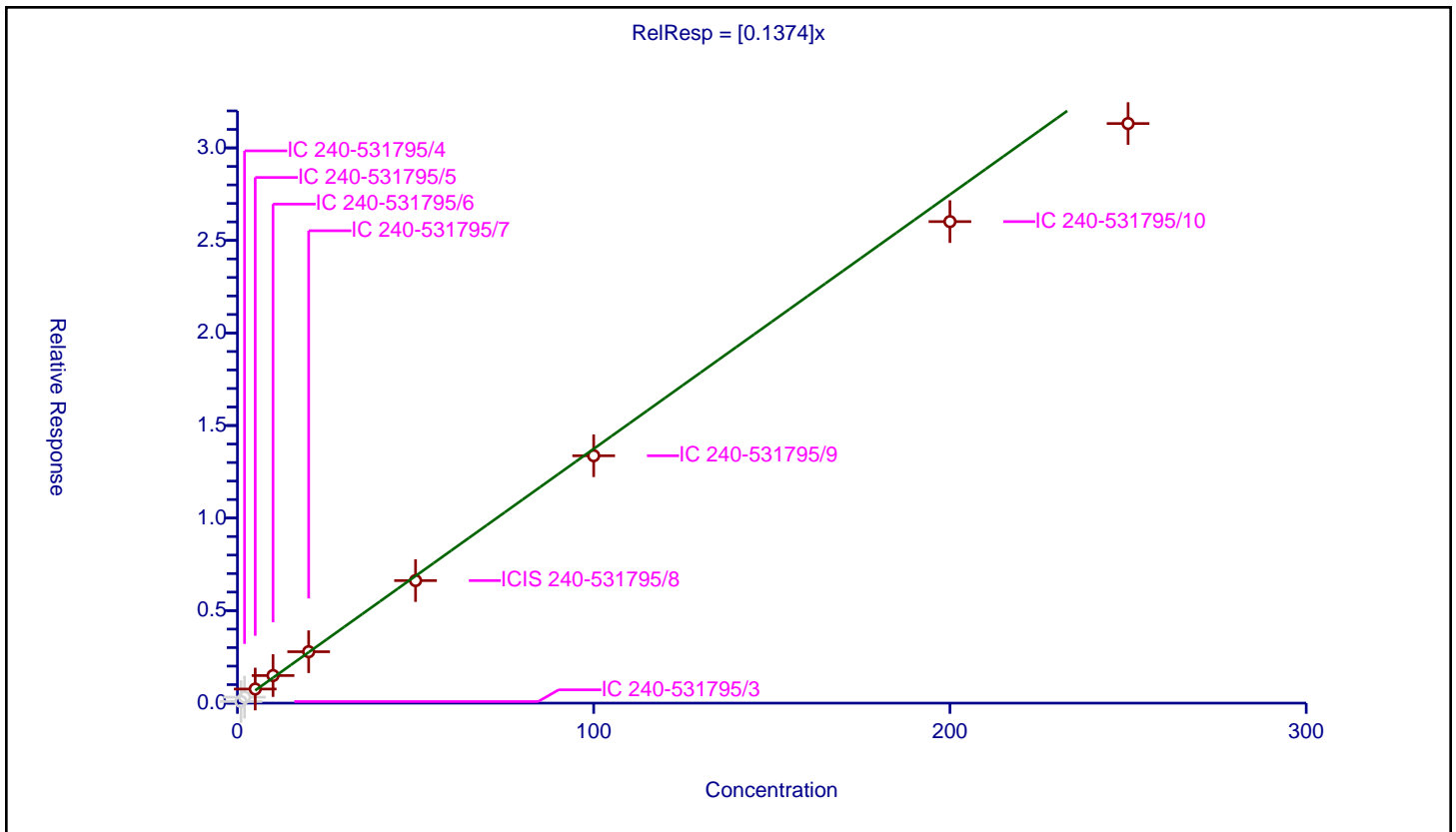
/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1374

Error Coefficients	
Standard Error:	326000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.084915	60.65	1025648.0	0.084915	N
2	IC 240-531795/4	2.0	0.321366	60.65	1005718.0	0.160683	N
3	IC 240-531795/5	5.0	0.761698	60.65	1032653.0	0.15234	Y
4	IC 240-531795/6	10.0	1.490233	60.65	998249.0	0.149023	Y
5	IC 240-531795/7	20.0	2.777648	60.65	1057492.0	0.138882	Y
6	ICIS 240-531795/8	50.0	6.621556	60.65	1086076.0	0.132431	Y
7	IC 240-531795/9	100.0	13.367043	60.65	1102772.0	0.13367	Y
8	IC 240-531795/10	200.0	26.017557	60.65	1095143.0	0.130088	Y
9	IC 240-531795/11	250.0	31.316609	60.65	1131489.0	0.125266	Y



Calibration

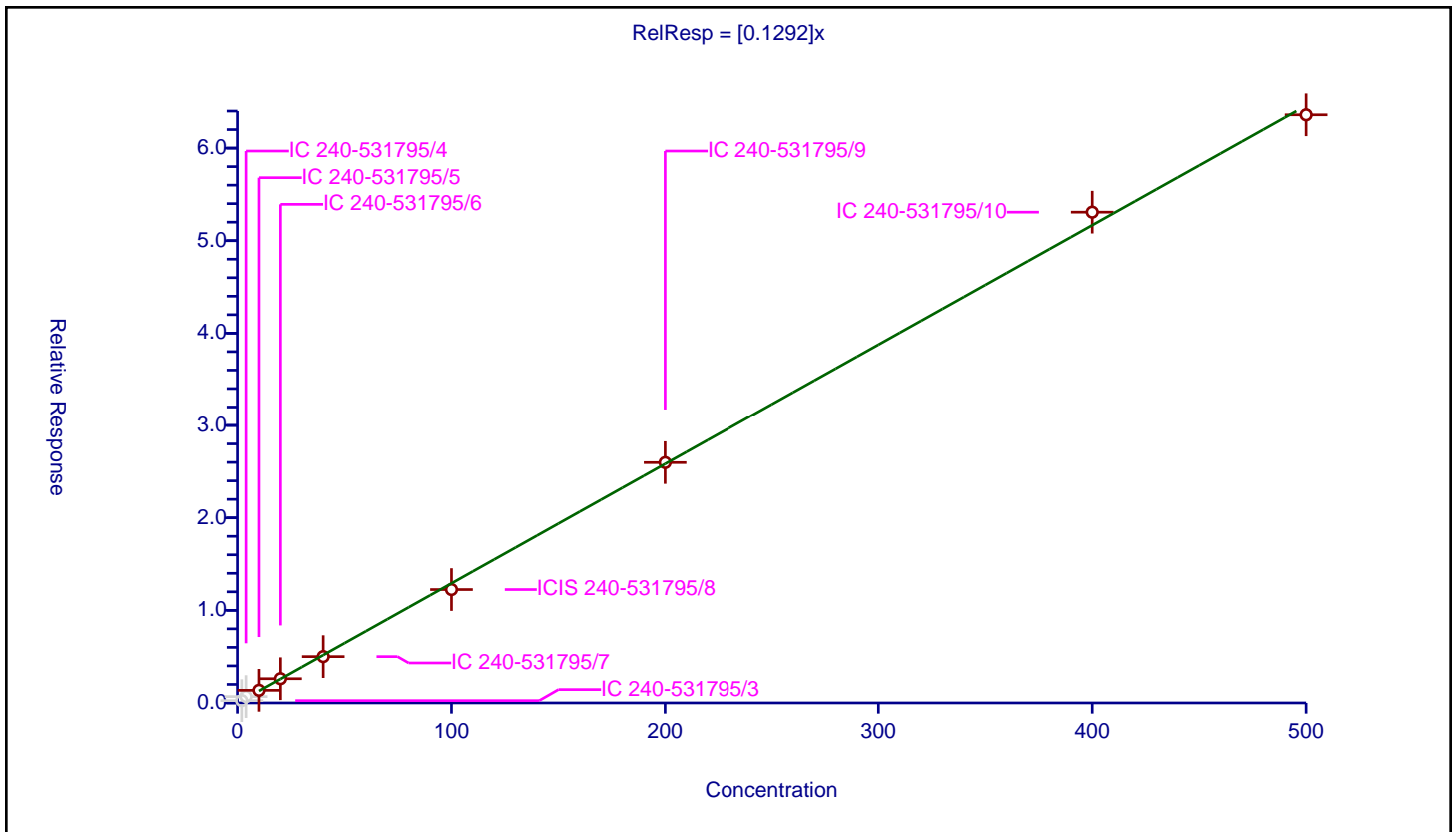
/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1292

Error Coefficients	
Standard Error:	659000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.248478	60.65	1025648.0	0.124239	N
2	IC 240-531795/4	4.0	0.686997	60.65	1005718.0	0.171749	N
3	IC 240-531795/5	10.0	1.362999	60.65	1032653.0	0.1363	Y
4	IC 240-531795/6	20.0	2.613557	60.65	998249.0	0.130678	Y
5	IC 240-531795/7	40.0	5.000982	60.65	1057492.0	0.125025	Y
6	ICIS 240-531795/8	100.0	12.243742	60.65	1086076.0	0.122437	Y
7	IC 240-531795/9	200.0	25.980781	60.65	1102772.0	0.129904	Y
8	IC 240-531795/10	400.0	53.081425	60.65	1095143.0	0.132704	Y
9	IC 240-531795/11	500.0	63.596981	60.65	1131489.0	0.127194	Y



Calibration

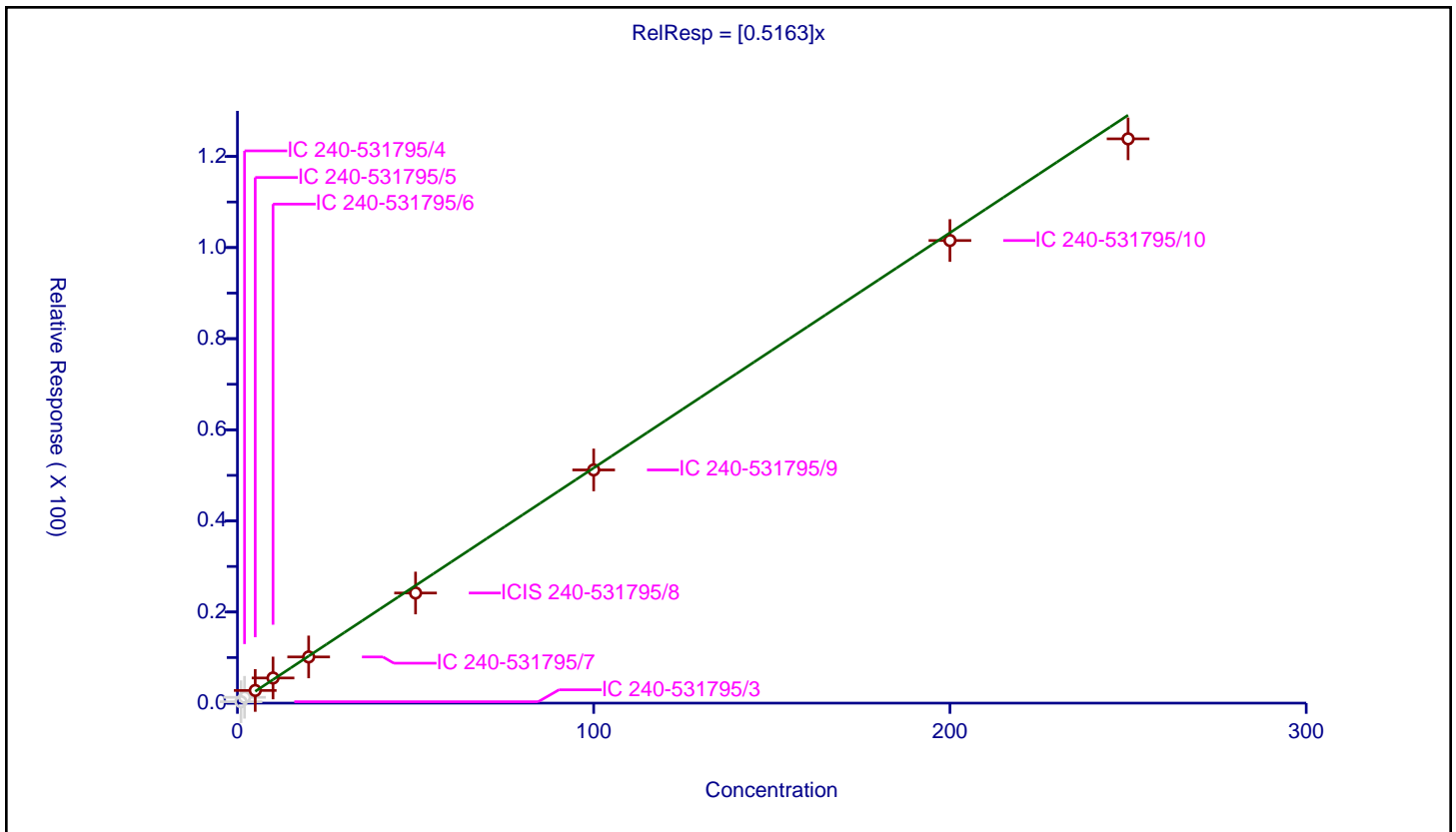
/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5163

Error Coefficients	
Standard Error:	1280000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.305365	60.65	1025648.0	0.305365	N
2	IC 240-531795/4	2.0	1.279555	60.65	1005718.0	0.639778	N
3	IC 240-531795/5	5.0	2.782028	60.65	1032653.0	0.556406	Y
4	IC 240-531795/6	10.0	5.518988	60.65	998249.0	0.551899	Y
5	IC 240-531795/7	20.0	10.137832	60.65	1057492.0	0.506892	Y
6	ICIS 240-531795/8	50.0	24.173309	60.65	1086076.0	0.483466	Y
7	IC 240-531795/9	100.0	51.189064	60.65	1102772.0	0.511891	Y
8	IC 240-531795/10	200.0	101.546908	60.65	1095143.0	0.507735	Y
9	IC 240-531795/11	250.0	123.865925	60.65	1131489.0	0.495464	Y



Calibration

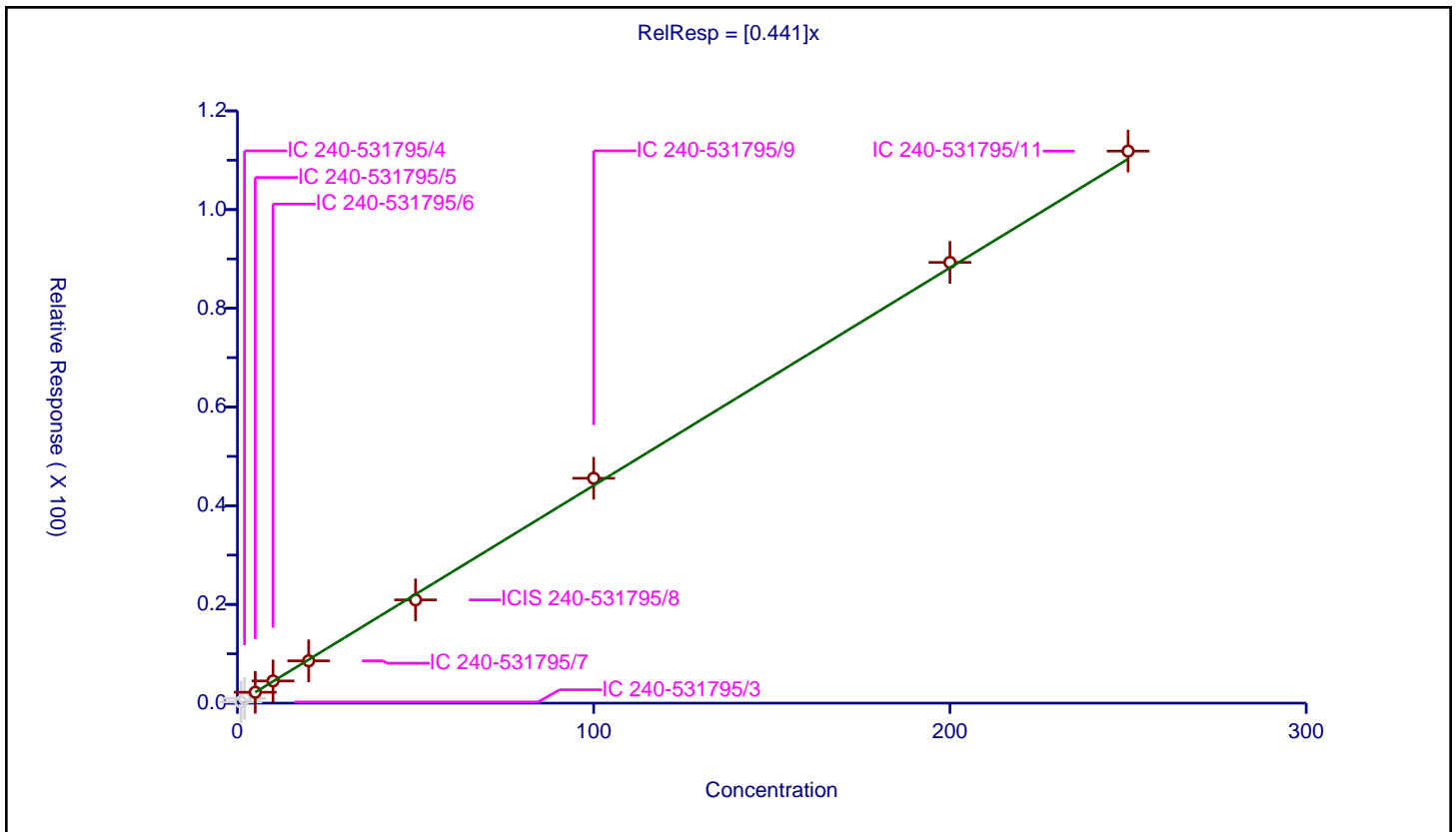
/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.441

Error Coefficients	
Standard Error:	1140000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.233577	60.65	1025648.0	0.233577	N
2	IC 240-531795/4	2.0	0.956319	60.65	1005718.0	0.47816	N
3	IC 240-531795/5	5.0	2.205923	60.65	1032653.0	0.441185	Y
4	IC 240-531795/6	10.0	4.496519	60.65	998249.0	0.449652	Y
5	IC 240-531795/7	20.0	8.570498	60.65	1057492.0	0.428525	Y
6	ICIS 240-531795/8	50.0	20.918653	60.65	1086076.0	0.418373	Y
7	IC 240-531795/9	100.0	45.562352	60.65	1102772.0	0.455624	Y
8	IC 240-531795/10	200.0	89.300752	60.65	1095143.0	0.446504	Y
9	IC 240-531795/11	250.0	111.848746	60.65	1131489.0	0.447395	Y



Calibration

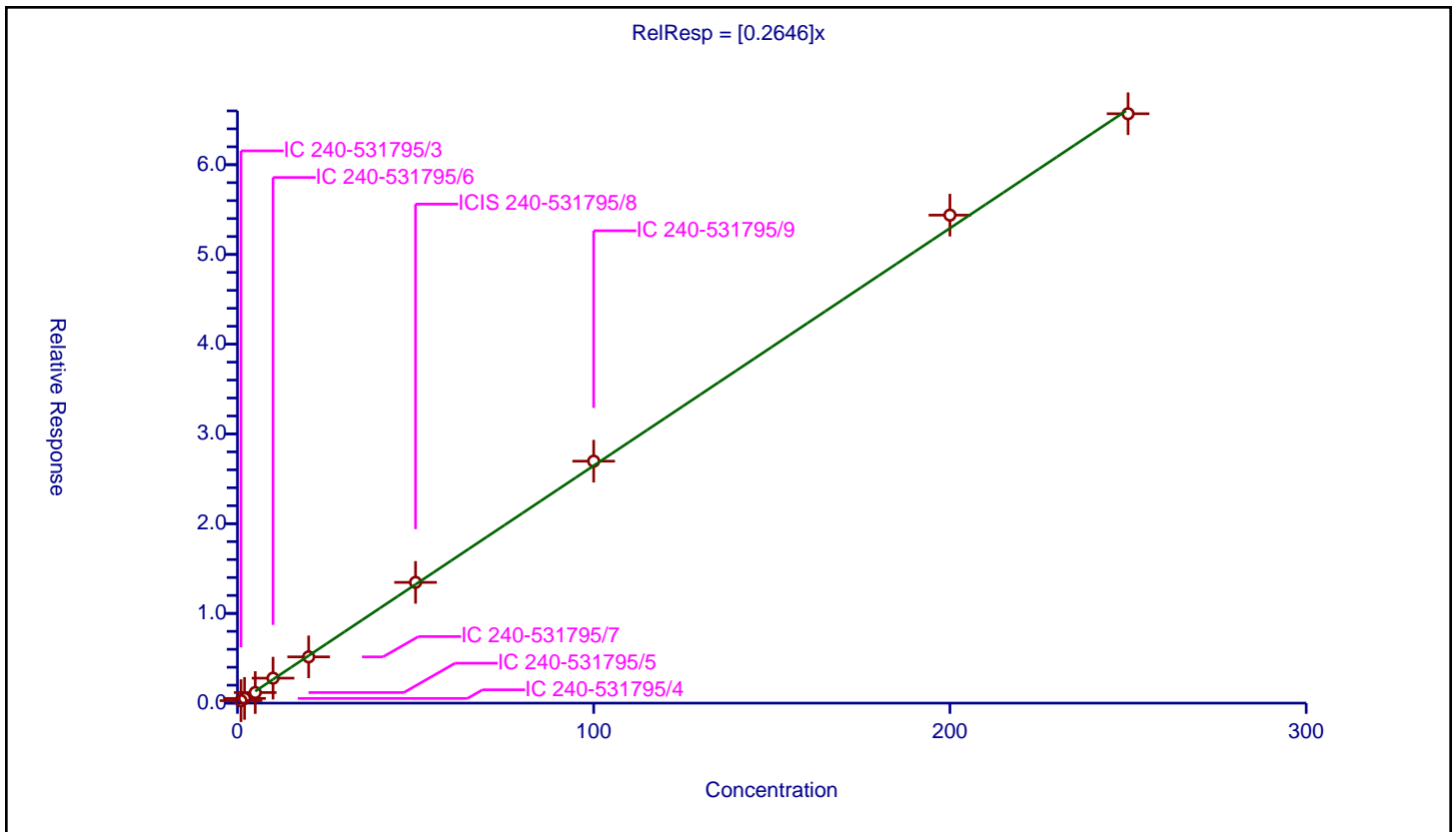
/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2646

Error Coefficients	
Standard Error:	589000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.274734	60.65	1025648.0	0.274734	Y
2	IC 240-531795/4	2.0	0.523871	60.65	1005718.0	0.261936	Y
3	IC 240-531795/5	5.0	1.178873	60.65	1032653.0	0.235775	Y
4	IC 240-531795/6	10.0	2.781427	60.65	998249.0	0.278143	Y
5	IC 240-531795/7	20.0	5.153024	60.65	1057492.0	0.257651	Y
6	ICIS 240-531795/8	50.0	13.45487	60.65	1086076.0	0.269097	Y
7	IC 240-531795/9	100.0	26.964031	60.65	1102772.0	0.26964	Y
8	IC 240-531795/10	200.0	54.383486	60.65	1095143.0	0.271917	Y
9	IC 240-531795/11	250.0	65.682418	60.65	1131489.0	0.26273	Y



Calibration

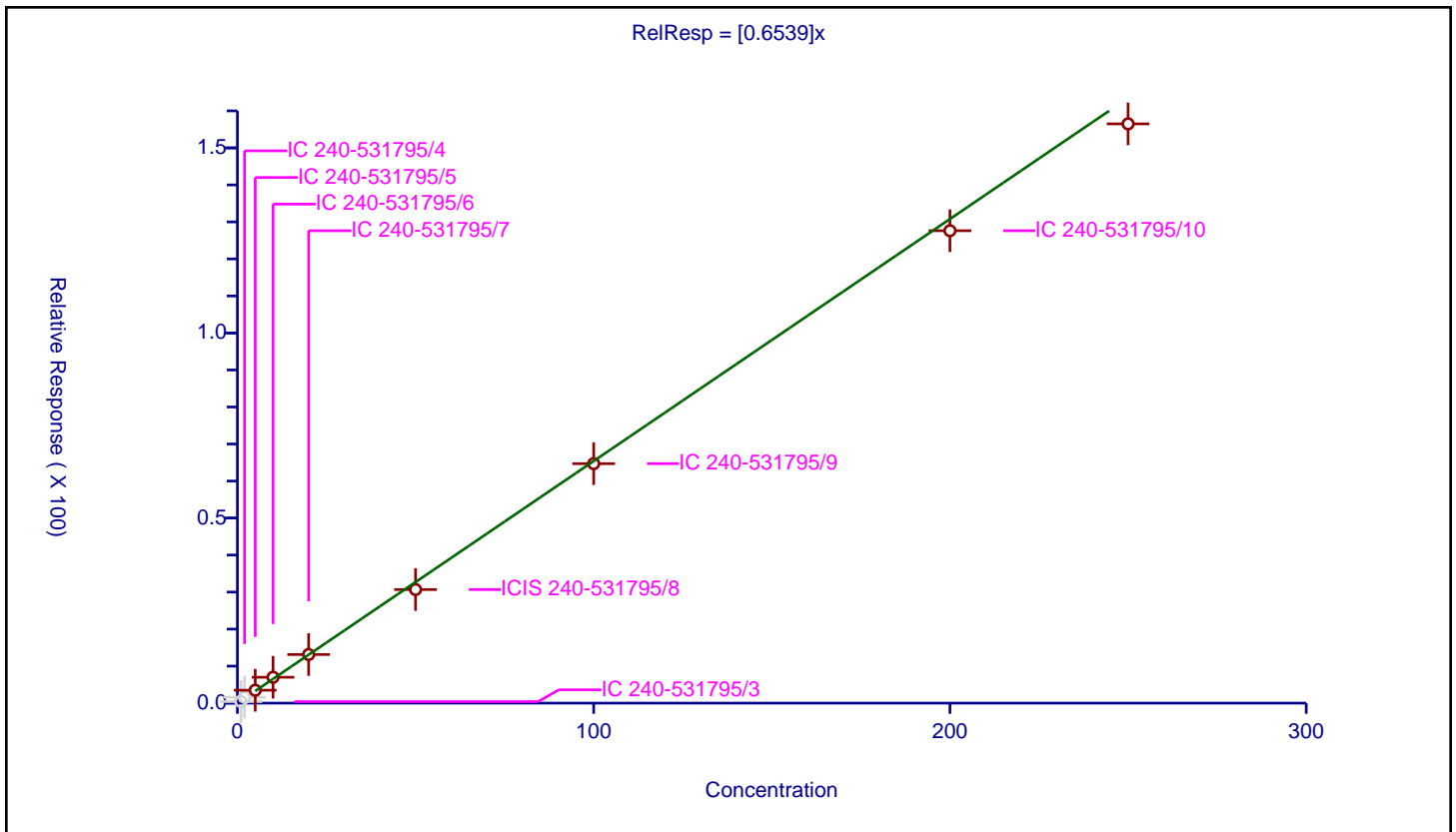
/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6539

Error Coefficients	
Standard Error:	1610000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.412692	60.65	1025648.0	0.412692	N
2	IC 240-531795/4	2.0	1.590247	60.65	1005718.0	0.795124	N
3	IC 240-531795/5	5.0	3.485346	60.65	1032653.0	0.697069	Y
4	IC 240-531795/6	10.0	6.990387	60.65	998249.0	0.699039	Y
5	IC 240-531795/7	20.0	13.132502	60.65	1057492.0	0.656625	Y
6	ICIS 240-531795/8	50.0	30.684966	60.65	1086076.0	0.613699	Y
7	IC 240-531795/9	100.0	64.694976	60.65	1102772.0	0.64695	Y
8	IC 240-531795/10	200.0	127.628209	60.65	1095143.0	0.638141	Y
9	IC 240-531795/11	250.0	156.491975	60.65	1131489.0	0.625968	Y



Calibration

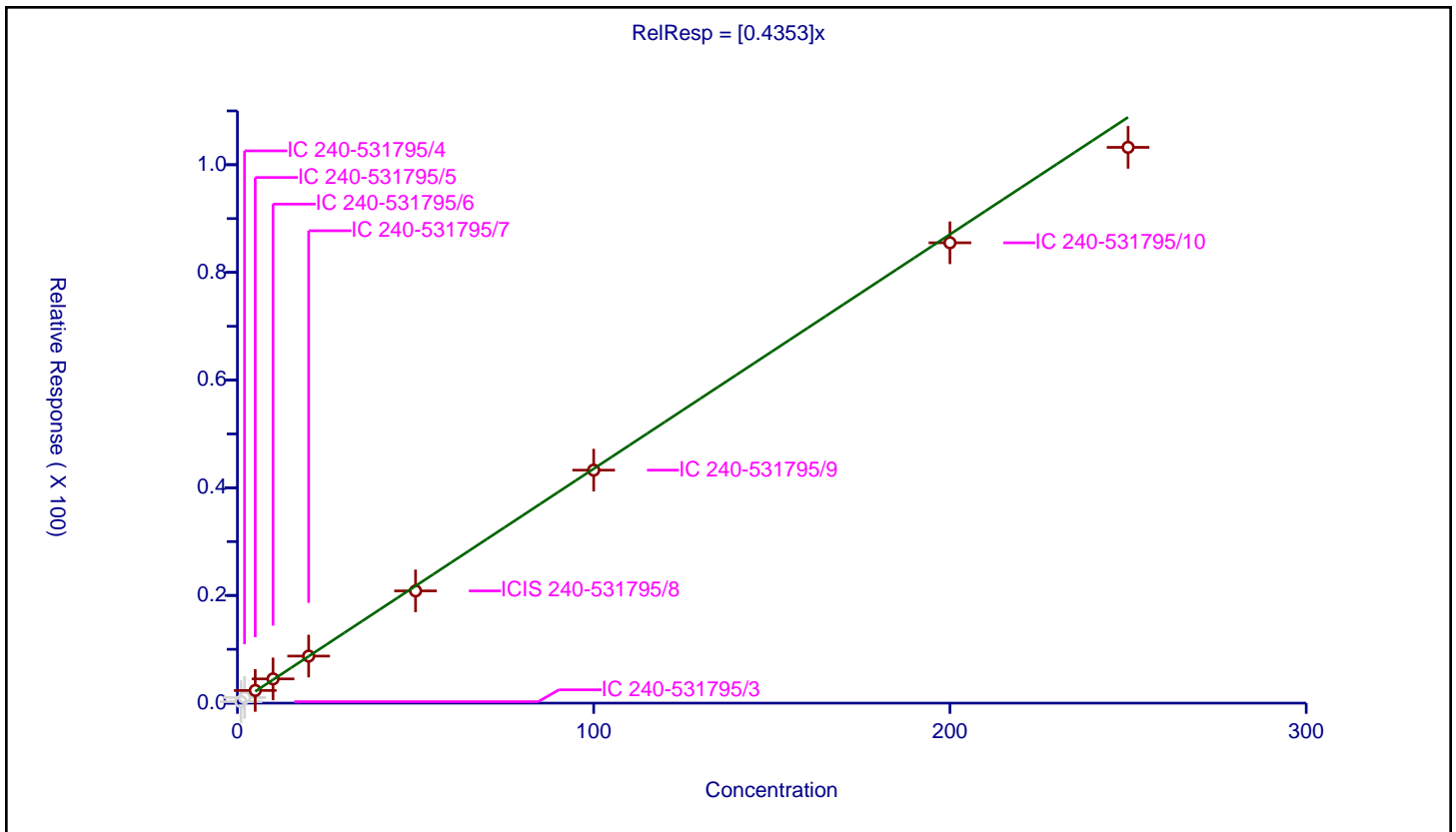
/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4353

Error Coefficients	
Standard Error:	1070000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.270062	60.65	1025648.0	0.270062	N
2	IC 240-531795/4	2.0	1.043099	60.65	1005718.0	0.521549	N
3	IC 240-531795/5	5.0	2.352284	60.65	1032653.0	0.470457	Y
4	IC 240-531795/6	10.0	4.497248	60.65	998249.0	0.449725	Y
5	IC 240-531795/7	20.0	8.736591	60.65	1057492.0	0.43683	Y
6	ICIS 240-531795/8	50.0	20.845499	60.65	1086076.0	0.41691	Y
7	IC 240-531795/9	100.0	43.272025	60.65	1102772.0	0.43272	Y
8	IC 240-531795/10	200.0	85.504614	60.65	1095143.0	0.427523	Y
9	IC 240-531795/11	250.0	103.228804	60.65	1131489.0	0.412915	Y



Calibration

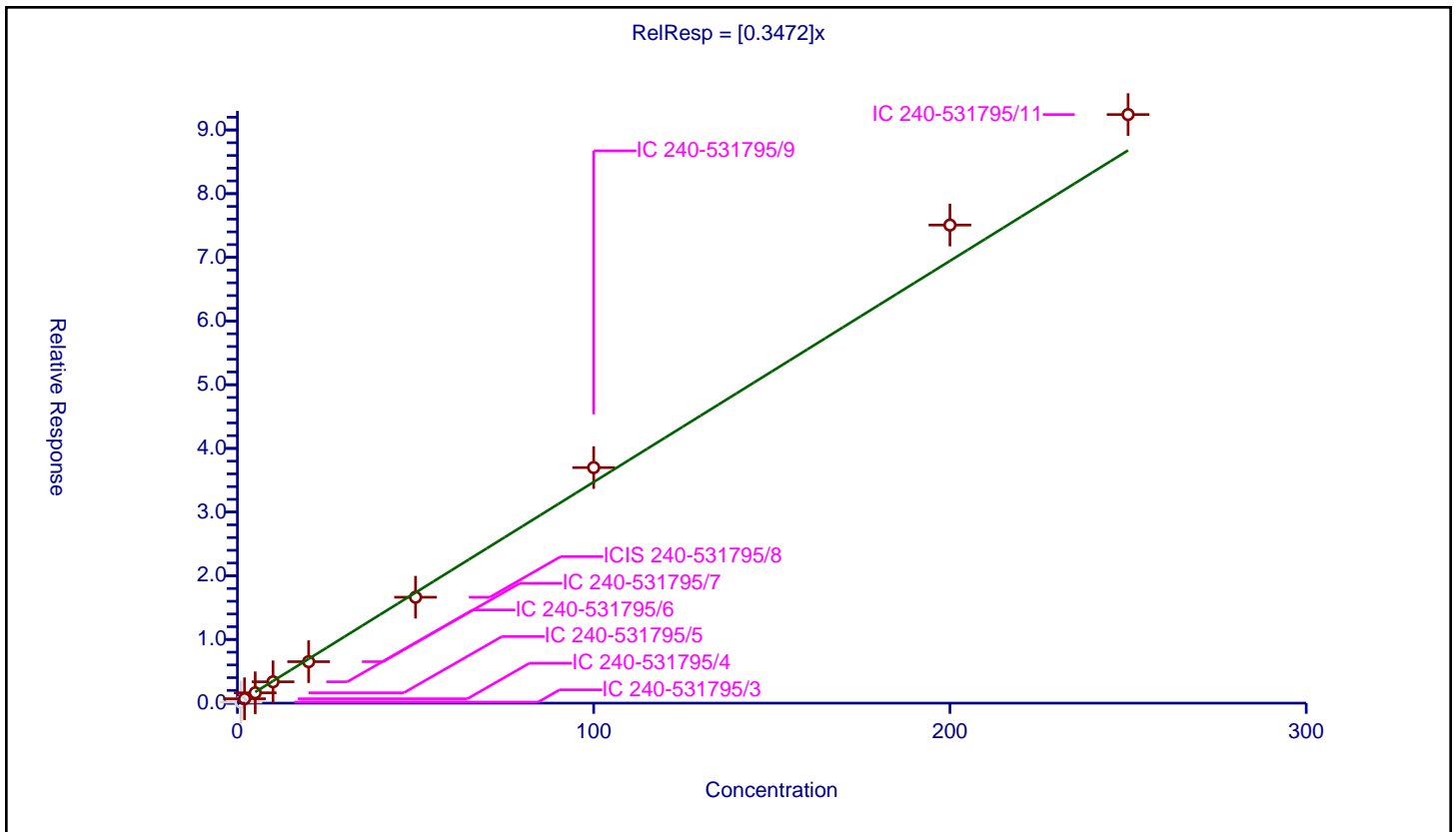
/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3472

Error Coefficients	
Standard Error:	876000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.167229	60.65	1025648.0	0.167229	N
2	IC 240-531795/4	2.0	0.688564	60.65	1005718.0	0.344282	Y
3	IC 240-531795/5	5.0	1.626119	60.65	1032653.0	0.325224	Y
4	IC 240-531795/6	10.0	3.351261	60.65	998249.0	0.335126	Y
5	IC 240-531795/7	20.0	6.511135	60.65	1057492.0	0.325557	Y
6	ICIS 240-531795/8	50.0	16.630172	60.65	1086076.0	0.332603	Y
7	IC 240-531795/9	100.0	36.98446	60.65	1102772.0	0.369845	Y
8	IC 240-531795/10	200.0	75.070022	60.65	1095143.0	0.37535	Y
9	IC 240-531795/11	250.0	92.421743	60.65	1131489.0	0.369687	Y



Calibration

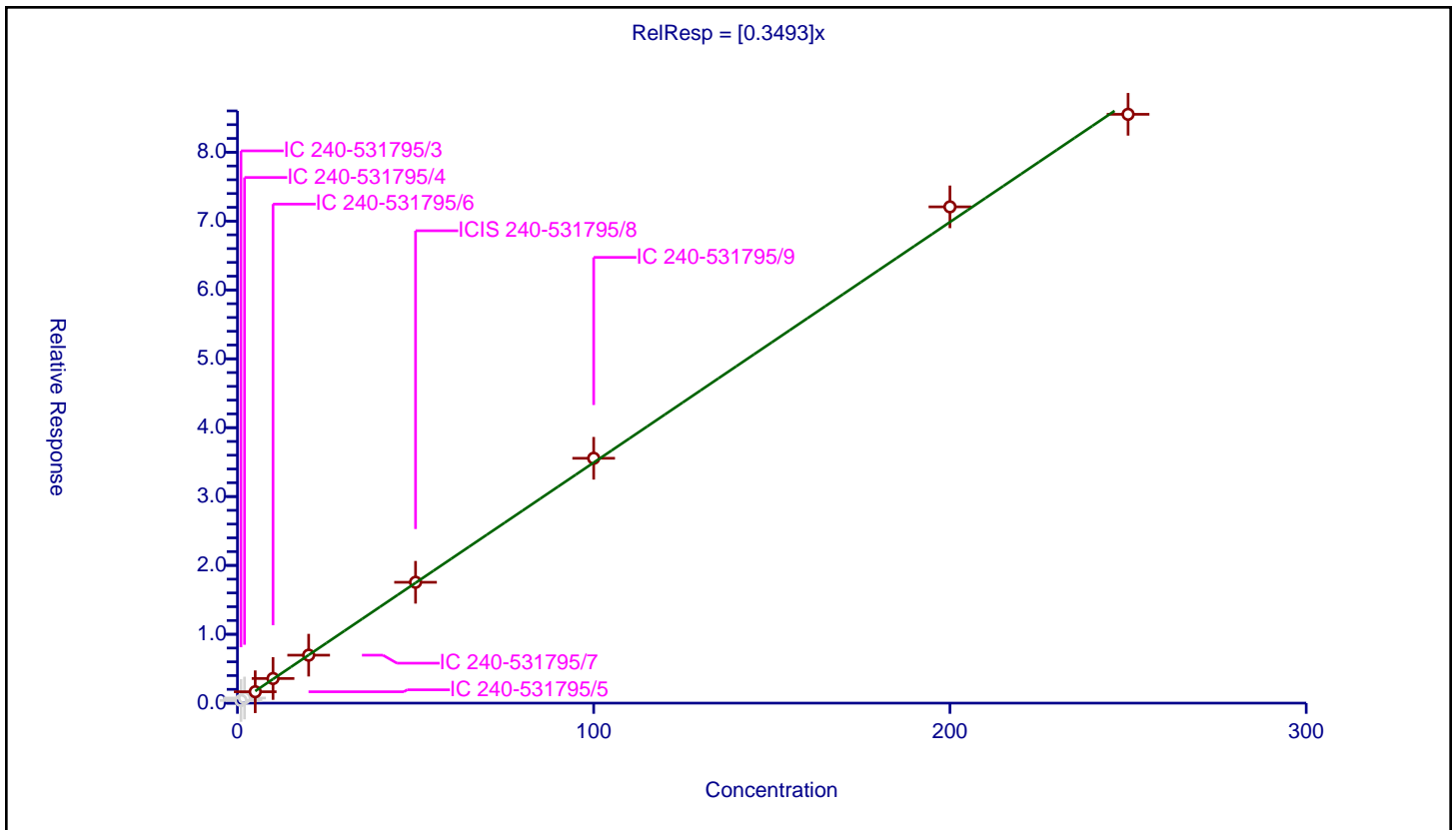
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3493

Error Coefficients	
Standard Error:	892000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.384248	60.65	1025648.0	0.384248	N
2	IC 240-531795/4	2.0	0.742417	60.65	1005718.0	0.371209	N
3	IC 240-531795/5	5.0	1.651491	60.65	1032653.0	0.330298	Y
4	IC 240-531795/6	10.0	3.575574	60.65	998249.0	0.357557	Y
5	IC 240-531795/7	20.0	6.964967	60.65	1057492.0	0.348248	Y
6	ICIS 240-531795/8	50.0	17.548793	60.65	1086076.0	0.350976	Y
7	IC 240-531795/9	100.0	35.555453	60.65	1102772.0	0.355555	Y
8	IC 240-531795/10	200.0	72.063449	60.65	1095143.0	0.360317	Y
9	IC 240-531795/11	250.0	85.504092	60.65	1131489.0	0.342016	Y



Calibration

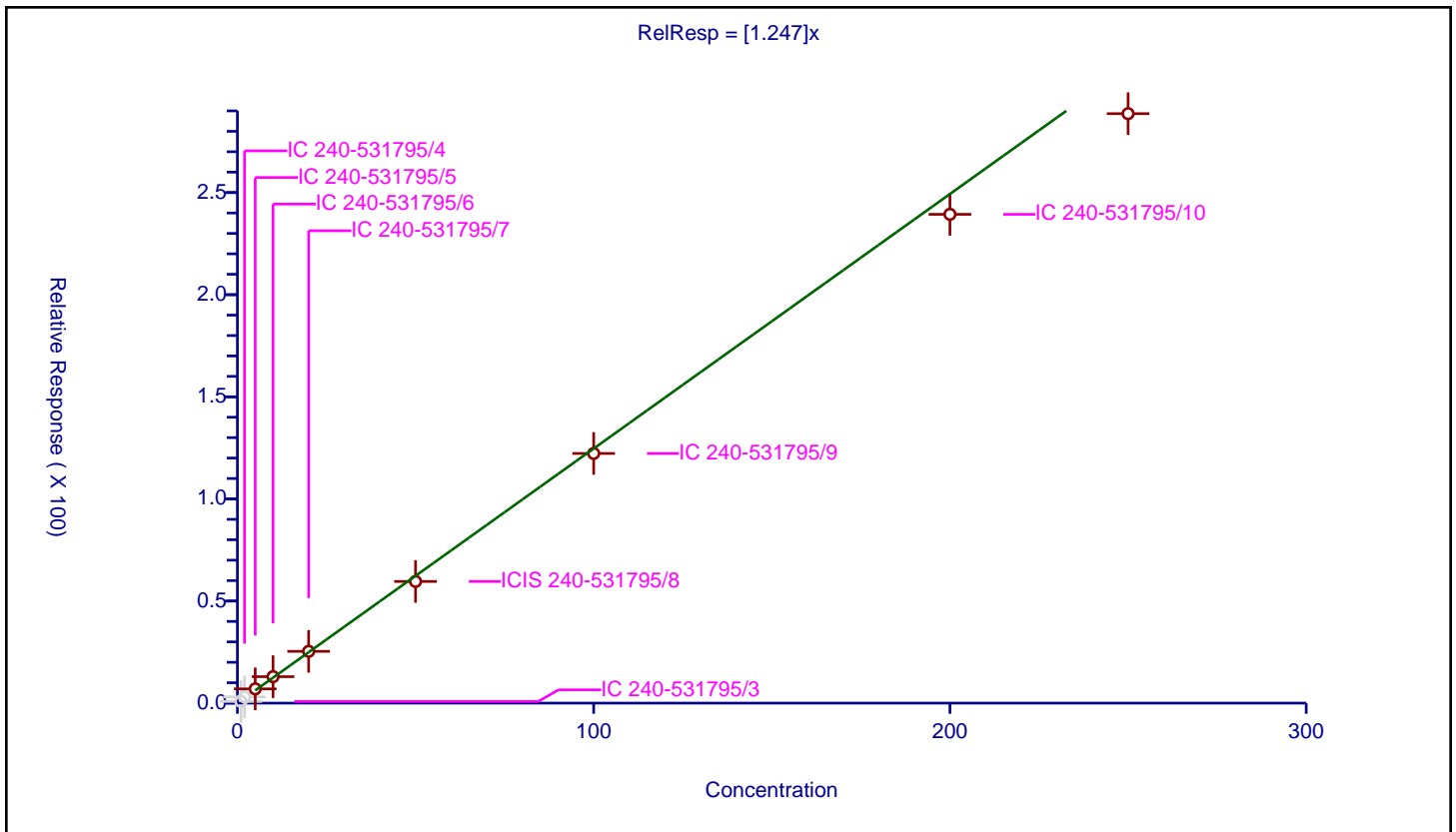
/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.247

Error Coefficients	
Standard Error:	3000000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.820948	60.65	1025648.0	0.820948	N
2	IC 240-531795/4	2.0	3.056688	60.65	1005718.0	1.528344	N
3	IC 240-531795/5	5.0	6.982203	60.65	1032653.0	1.396441	Y
4	IC 240-531795/6	10.0	12.954476	60.65	998249.0	1.295448	Y
5	IC 240-531795/7	20.0	25.362273	60.65	1057492.0	1.268114	Y
6	ICIS 240-531795/8	50.0	59.580044	60.65	1086076.0	1.191601	Y
7	IC 240-531795/9	100.0	122.258391	60.65	1102772.0	1.222584	Y
8	IC 240-531795/10	200.0	239.350304	60.65	1095143.0	1.196752	Y
9	IC 240-531795/11	250.0	288.646957	60.65	1131489.0	1.154588	Y



Calibration

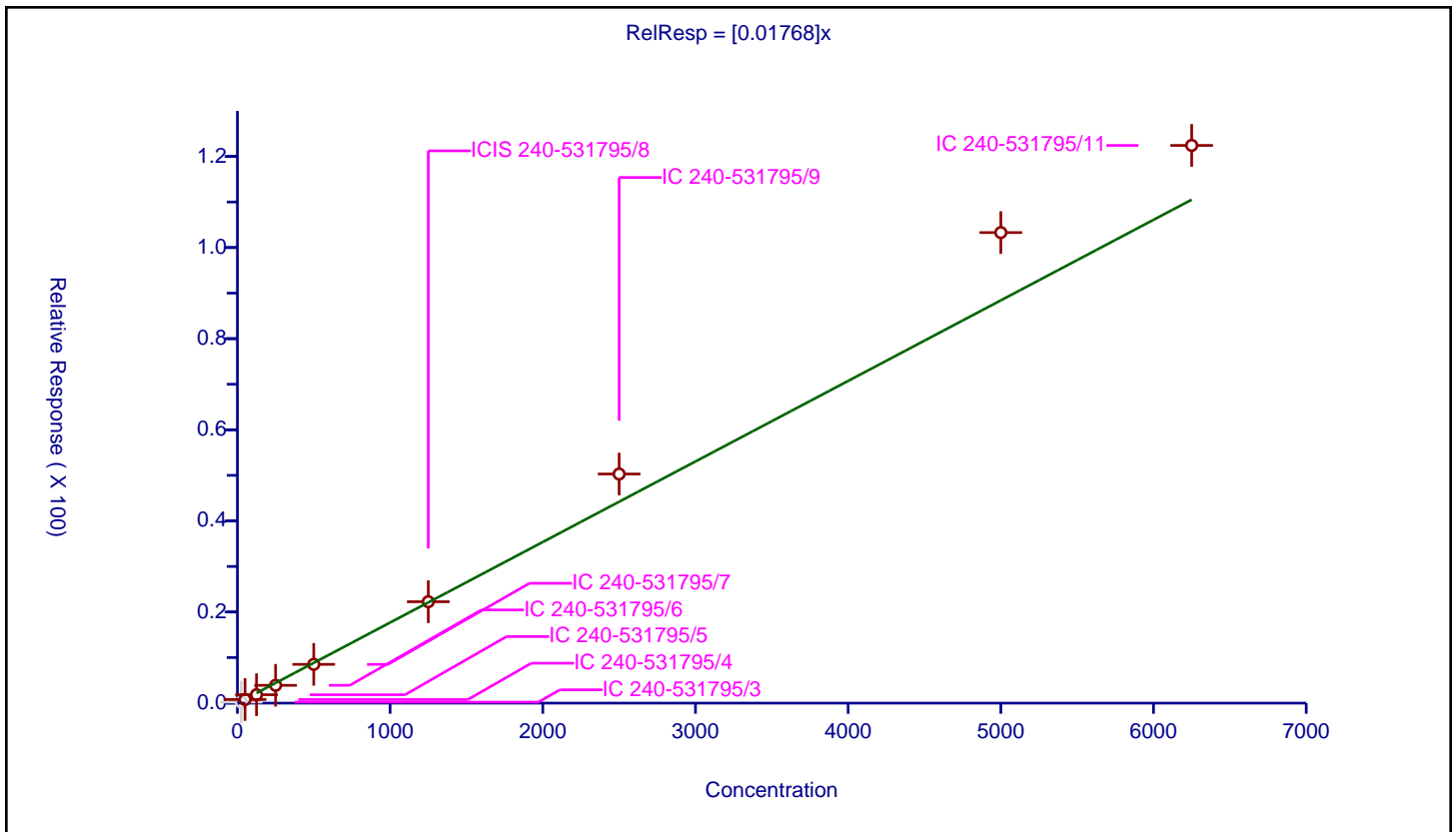
/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01768

Error Coefficients	
Standard Error:	1180000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	25.0	0.223051	60.65	1025648.0	0.008922	N
2	IC 240-531795/4	50.0	0.79247	60.65	1005718.0	0.015849	Y
3	IC 240-531795/5	125.0	1.84613	60.65	1032653.0	0.014769	Y
4	IC 240-531795/6	250.0	3.91101	60.65	998249.0	0.015644	Y
5	IC 240-531795/7	500.0	8.510335	60.65	1057492.0	0.017021	Y
6	ICIS 240-531795/8	1250.0	22.260957	60.65	1086076.0	0.017809	Y
7	IC 240-531795/9	2500.0	50.291885	60.65	1102772.0	0.020117	Y
8	IC 240-531795/10	5000.0	103.28681	60.65	1095143.0	0.020657	Y
9	IC 240-531795/11	6250.0	122.419101	60.65	1131489.0	0.019587	Y



Calibration

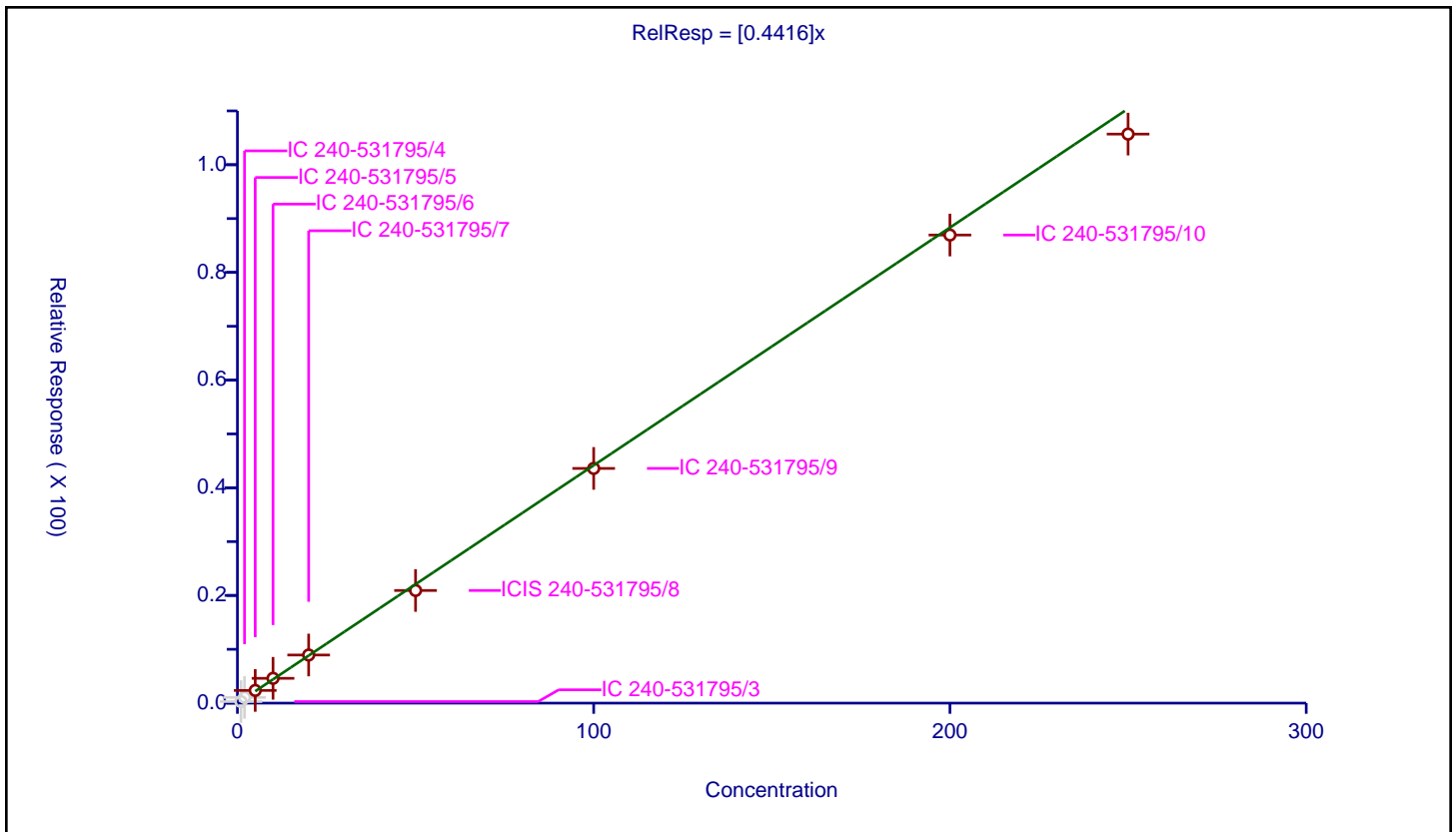
/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4416

Error Coefficients	
Standard Error:	1090000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.287211	60.65	1025648.0	0.287211	N
2	IC 240-531795/4	2.0	1.060768	60.65	1005718.0	0.530384	N
3	IC 240-531795/5	5.0	2.358803	60.65	1032653.0	0.471761	Y
4	IC 240-531795/6	10.0	4.609708	60.65	998249.0	0.460971	Y
5	IC 240-531795/7	20.0	8.935375	60.65	1057492.0	0.446769	Y
6	ICIS 240-531795/8	50.0	20.92139	60.65	1086076.0	0.418428	Y
7	IC 240-531795/9	100.0	43.594367	60.65	1102772.0	0.435944	Y
8	IC 240-531795/10	200.0	86.940751	60.65	1095143.0	0.434704	Y
9	IC 240-531795/11	250.0	105.689133	60.65	1131489.0	0.422757	Y



Calibration

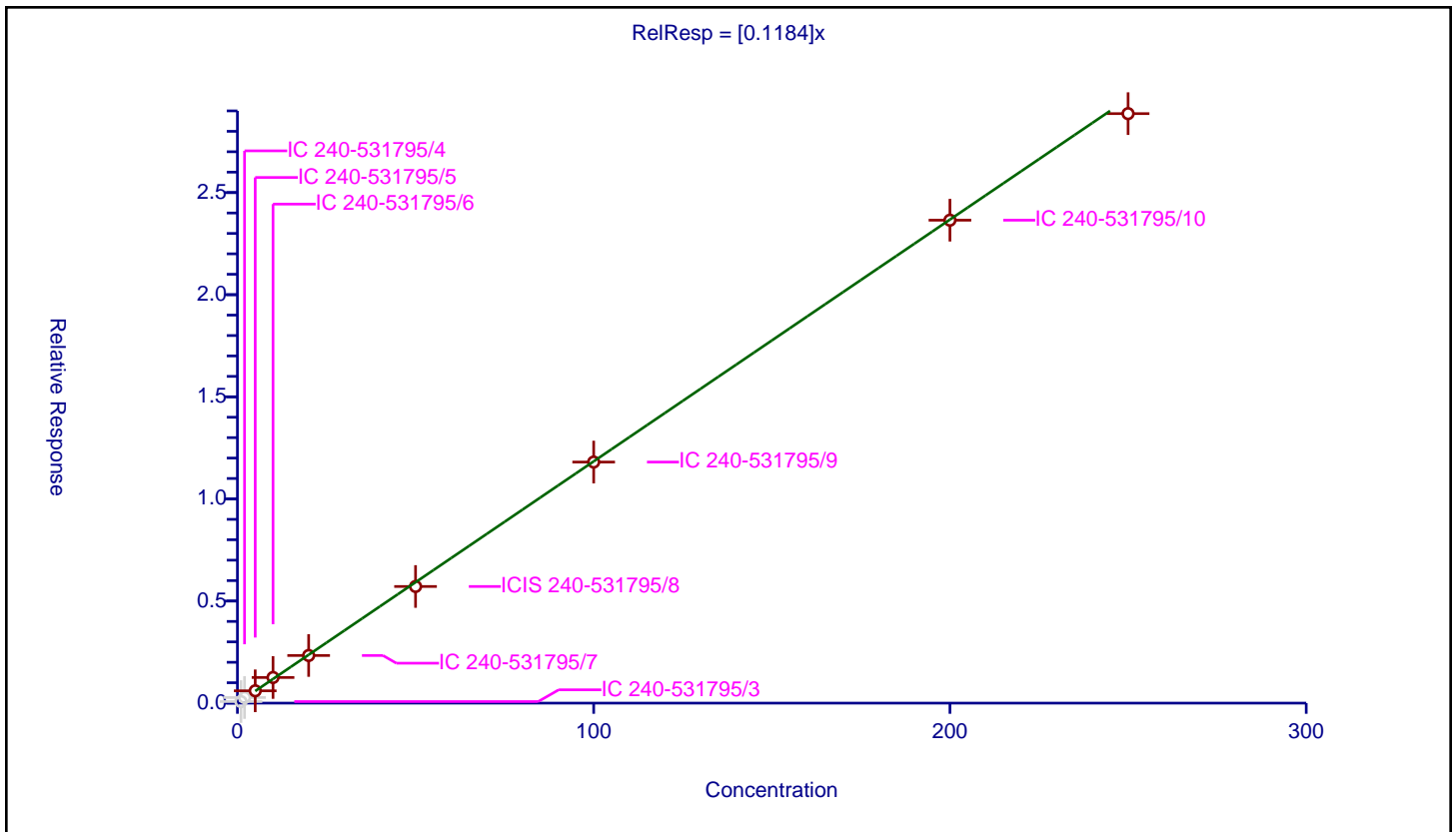
/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1184

Error Coefficients	
Standard Error:	297000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.075691	60.65	1025648.0	0.075691	N
2	IC 240-531795/4	2.0	0.274811	60.65	1005718.0	0.137405	N
3	IC 240-531795/5	5.0	0.603004	60.65	1032653.0	0.120601	Y
4	IC 240-531795/6	10.0	1.255227	60.65	998249.0	0.125523	Y
5	IC 240-531795/7	20.0	2.332189	60.65	1057492.0	0.116609	Y
6	ICIS 240-531795/8	50.0	5.712093	60.65	1086076.0	0.114242	Y
7	IC 240-531795/9	100.0	11.804721	60.65	1102772.0	0.118047	Y
8	IC 240-531795/10	200.0	23.647255	60.65	1095143.0	0.118236	Y
9	IC 240-531795/11	250.0	28.866304	60.65	1131489.0	0.115465	Y



Calibration

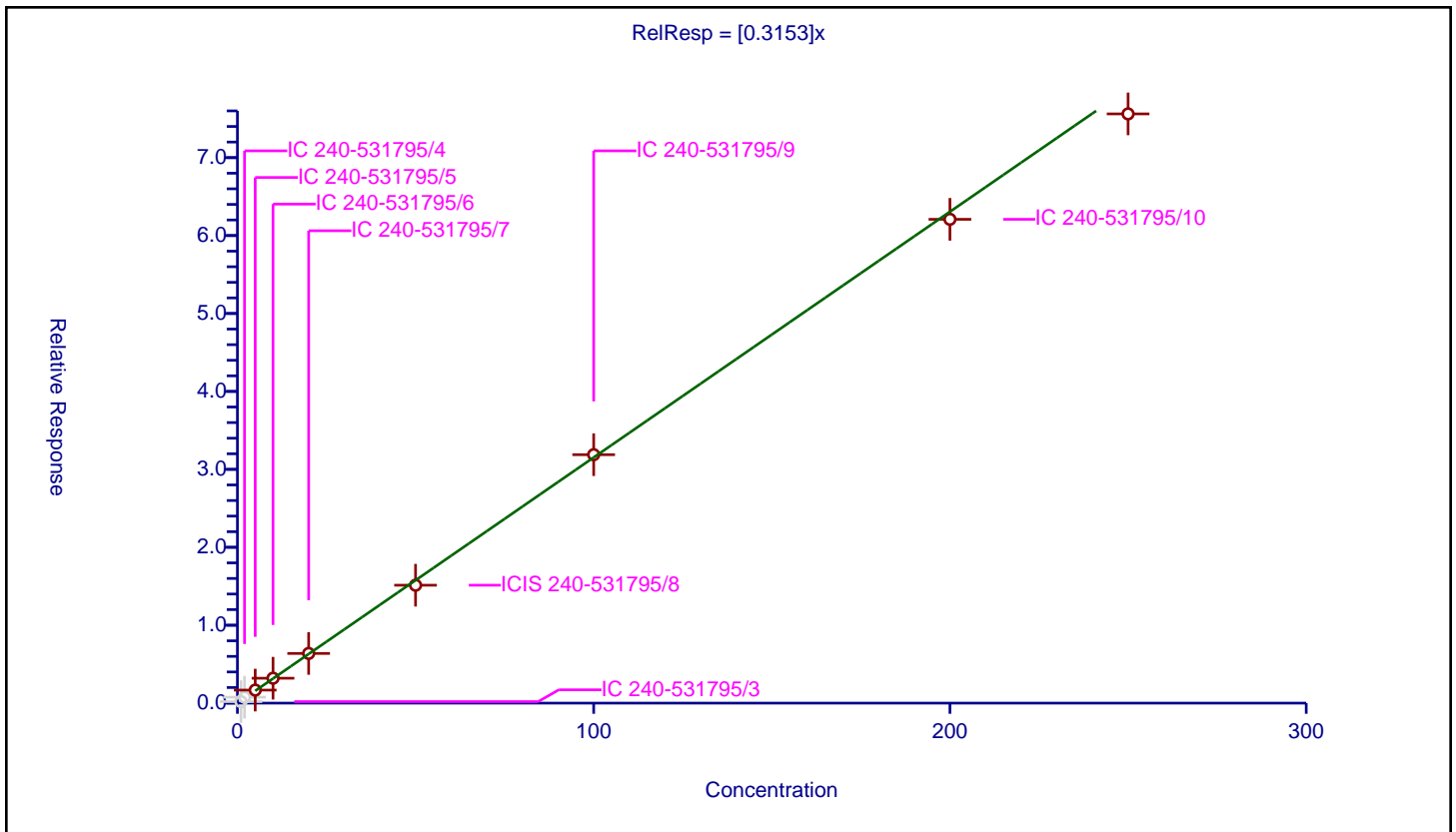
/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3153

Error Coefficients	
Standard Error:	782000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.191415	60.65	1025648.0	0.191415	N
2	IC 240-531795/4	2.0	0.760026	60.65	1005718.0	0.380013	N
3	IC 240-531795/5	5.0	1.671636	60.65	1032653.0	0.334327	Y
4	IC 240-531795/6	10.0	3.196211	60.65	998249.0	0.319621	Y
5	IC 240-531795/7	20.0	6.376299	60.65	1057492.0	0.318815	Y
6	ICIS 240-531795/8	50.0	15.13173	60.65	1086076.0	0.302635	Y
7	IC 240-531795/9	100.0	31.881327	60.65	1102772.0	0.318813	Y
8	IC 240-531795/10	200.0	62.085307	60.65	1095143.0	0.310427	Y
9	IC 240-531795/11	250.0	75.615017	60.65	1131489.0	0.30246	Y



Calibration

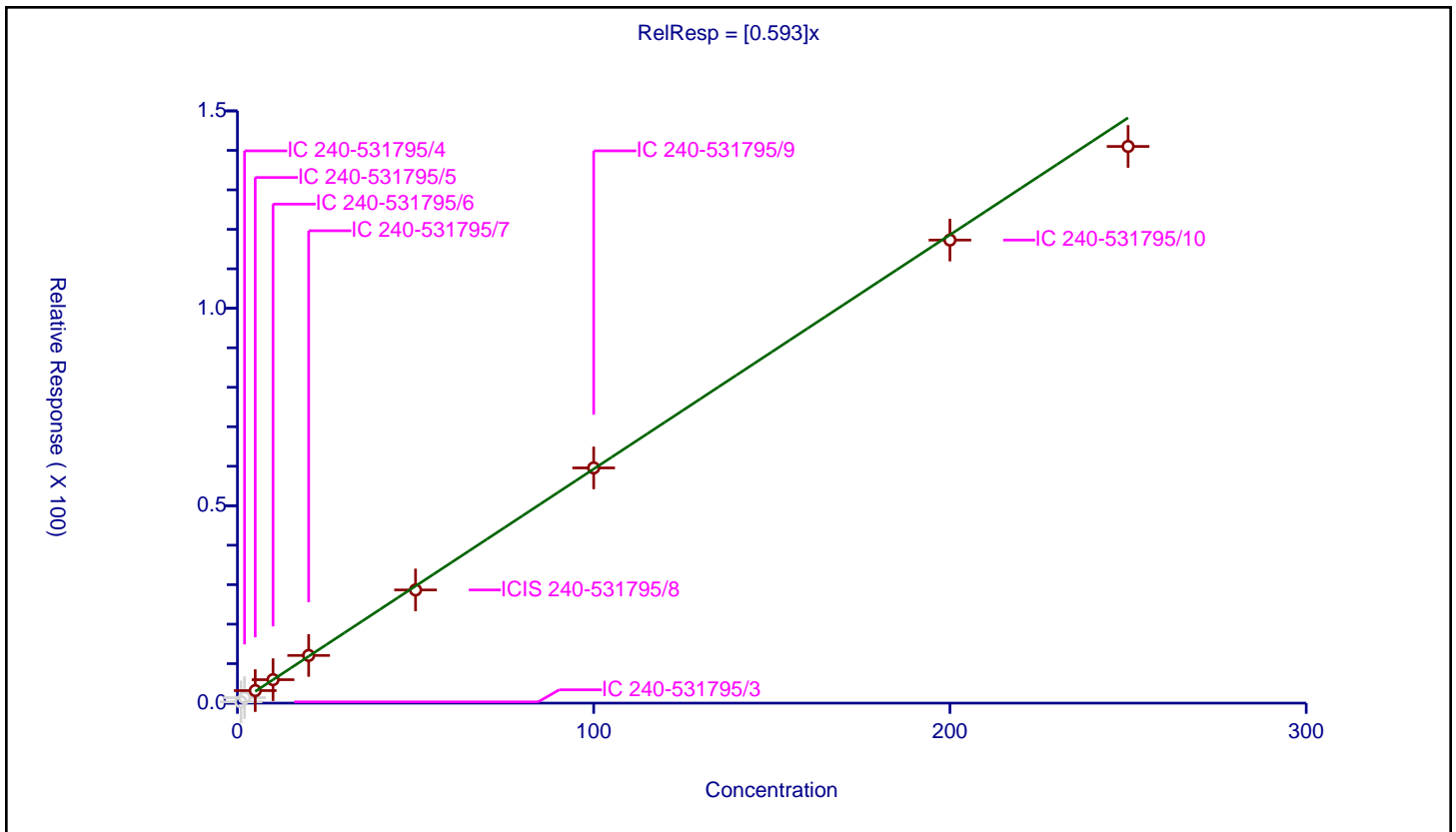
/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.593

Error Coefficients	
Standard Error:	1470000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.314353	60.65	1025648.0	0.314353	N
2	IC 240-531795/4	2.0	1.386838	60.65	1005718.0	0.693419	N
3	IC 240-531795/5	5.0	3.170776	60.65	1032653.0	0.634155	Y
4	IC 240-531795/6	10.0	5.936446	60.65	998249.0	0.593645	Y
5	IC 240-531795/7	20.0	12.078417	60.65	1057492.0	0.603921	Y
6	ICIS 240-531795/8	50.0	28.663105	60.65	1086076.0	0.573262	Y
7	IC 240-531795/9	100.0	59.575729	60.65	1102772.0	0.595757	Y
8	IC 240-531795/10	200.0	117.284497	60.65	1095143.0	0.586422	Y
9	IC 240-531795/11	250.0	140.996996	60.65	1131489.0	0.563988	Y



Calibration

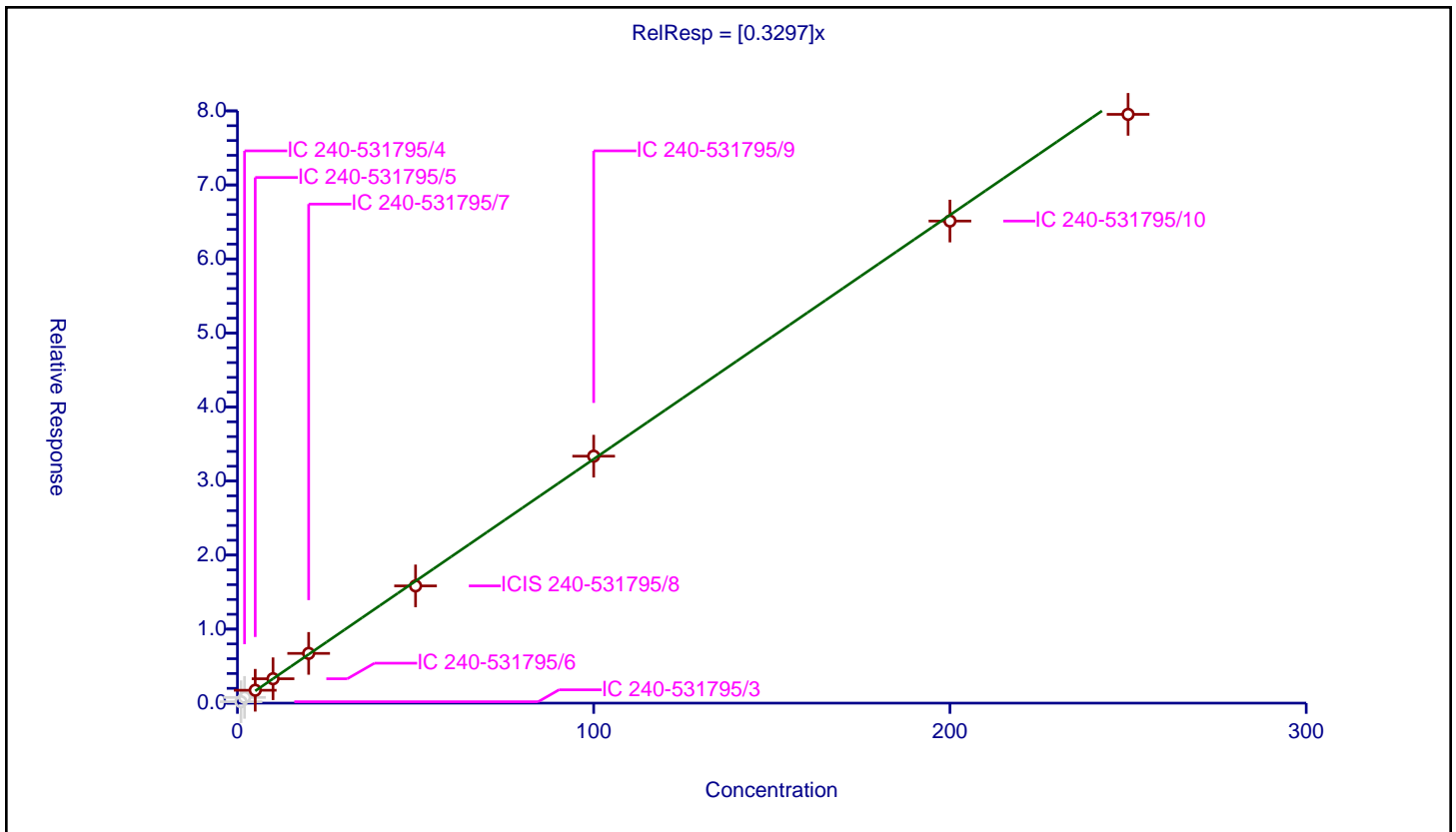
/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3297

Error Coefficients	
Standard Error:	822000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.187275	60.65	1025648.0	0.187275	N
2	IC 240-531795/4	2.0	0.773293	60.65	1005718.0	0.386647	N
3	IC 240-531795/5	5.0	1.740412	60.65	1032653.0	0.348082	Y
4	IC 240-531795/6	10.0	3.295366	60.65	998249.0	0.329537	Y
5	IC 240-531795/7	20.0	6.718981	60.65	1057492.0	0.335949	Y
6	ICIS 240-531795/8	50.0	15.833792	60.65	1086076.0	0.316676	Y
7	IC 240-531795/9	100.0	33.360052	60.65	1102772.0	0.333601	Y
8	IC 240-531795/10	200.0	65.120401	60.65	1095143.0	0.325602	Y
9	IC 240-531795/11	250.0	79.531818	60.65	1131489.0	0.318127	Y



Calibration

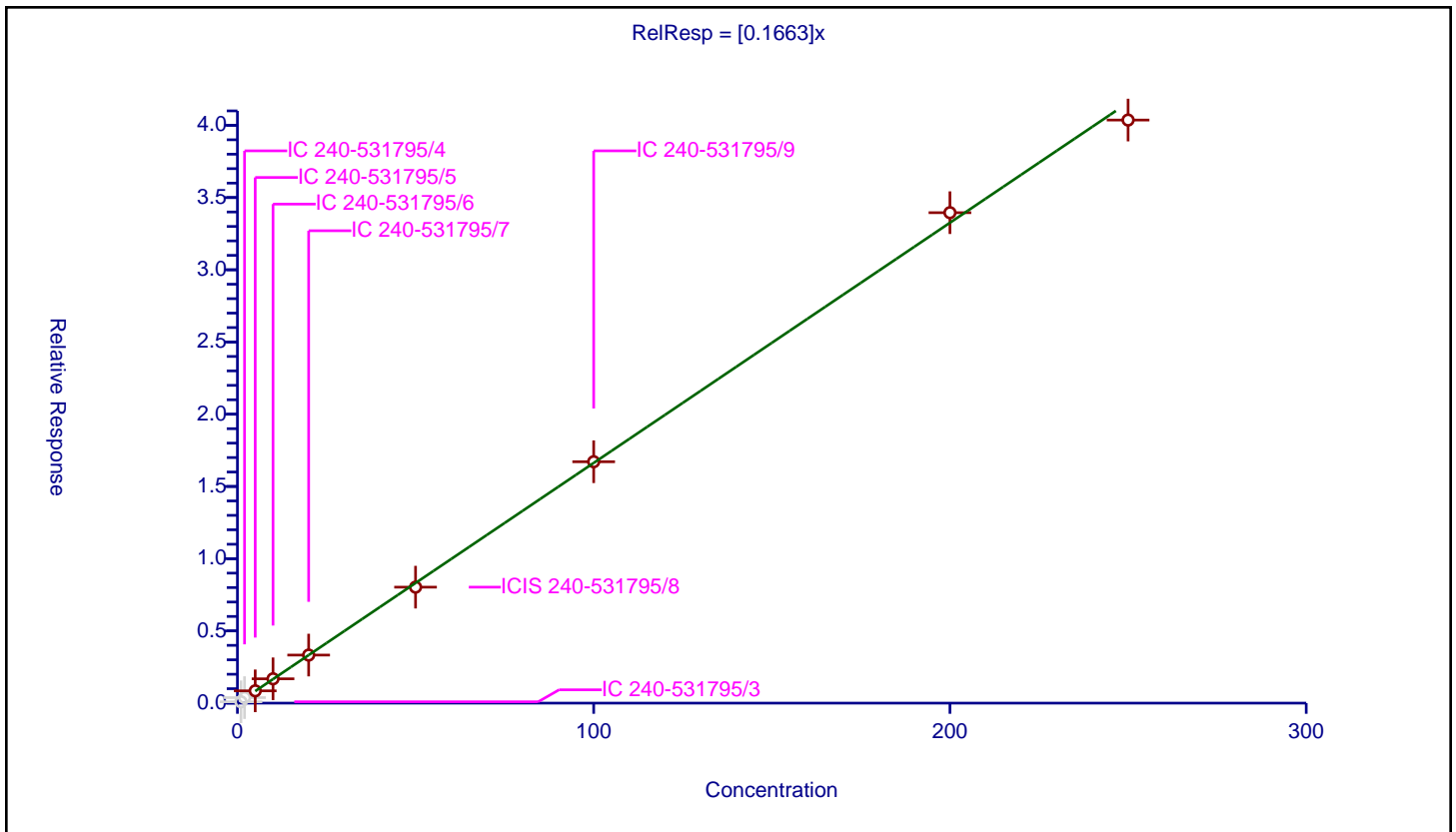
/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1663

Error Coefficients	
Standard Error:	420000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.092425	60.65	1025648.0	0.092425	N
2	IC 240-531795/4	2.0	0.383058	60.65	1005718.0	0.191529	N
3	IC 240-531795/5	5.0	0.851206	60.65	1032653.0	0.170241	Y
4	IC 240-531795/6	10.0	1.684349	60.65	998249.0	0.168435	Y
5	IC 240-531795/7	20.0	3.326972	60.65	1057492.0	0.166349	Y
6	ICIS 240-531795/8	50.0	8.029755	60.65	1086076.0	0.160595	Y
7	IC 240-531795/9	100.0	16.710962	60.65	1102772.0	0.16711	Y
8	IC 240-531795/10	200.0	33.953418	60.65	1095143.0	0.169767	Y
9	IC 240-531795/11	250.0	40.366599	60.65	1131489.0	0.161466	Y



Calibration

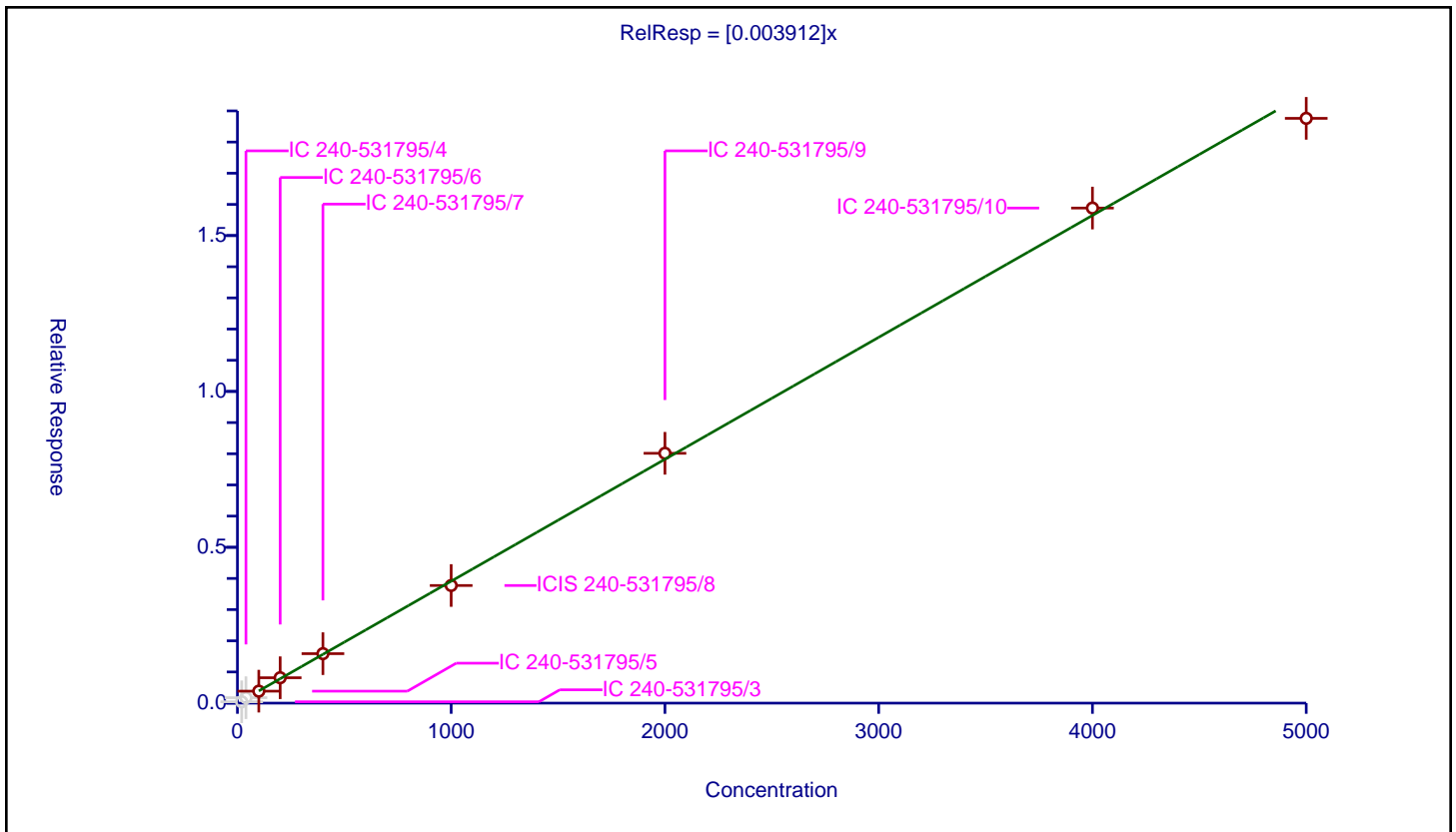
/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.003912

Error Coefficients	
Standard Error:	196000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	20.0	0.042931	60.65	1025648.0	0.002147	N
2	IC 240-531795/4	40.0	0.174523	60.65	1005718.0	0.004363	N
3	IC 240-531795/5	100.0	0.383698	60.65	1032653.0	0.003837	Y
4	IC 240-531795/6	200.0	0.814682	60.65	998249.0	0.004073	Y
5	IC 240-531795/7	400.0	1.586891	60.65	1057492.0	0.003967	Y
6	ICIS 240-531795/8	1000.0	3.773886	60.65	1086076.0	0.003774	Y
7	IC 240-531795/9	2000.0	8.015595	60.65	1102772.0	0.004008	Y
8	IC 240-531795/10	4000.0	15.883075	60.65	1095143.0	0.003971	Y
9	IC 240-531795/11	5000.0	18.760516	60.65	1131489.0	0.003752	Y



Calibration

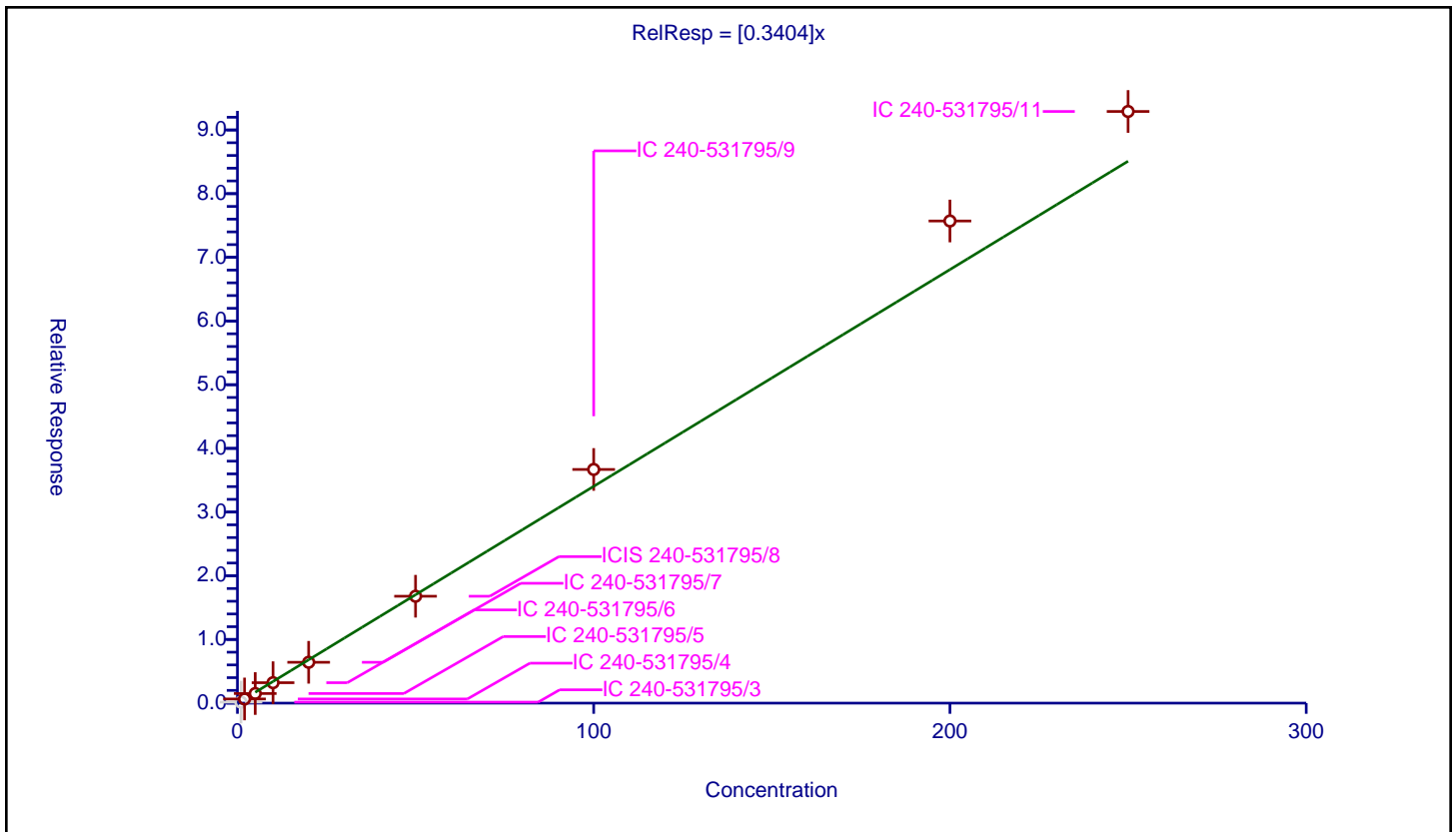
/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3404

Error Coefficients	
Standard Error:	880000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.15558	60.65	1025648.0	0.15558	N
2	IC 240-531795/4	2.0	0.653949	60.65	1005718.0	0.326975	Y
3	IC 240-531795/5	5.0	1.507539	60.65	1032653.0	0.301508	Y
4	IC 240-531795/6	10.0	3.211765	60.65	998249.0	0.321176	Y
5	IC 240-531795/7	20.0	6.414266	60.65	1057492.0	0.320713	Y
6	ICIS 240-531795/8	50.0	16.786254	60.65	1086076.0	0.335725	Y
7	IC 240-531795/9	100.0	36.694347	60.65	1102772.0	0.366943	Y
8	IC 240-531795/10	200.0	75.709505	60.65	1095143.0	0.378548	Y
9	IC 240-531795/11	250.0	92.906519	60.65	1131489.0	0.371626	Y



Calibration

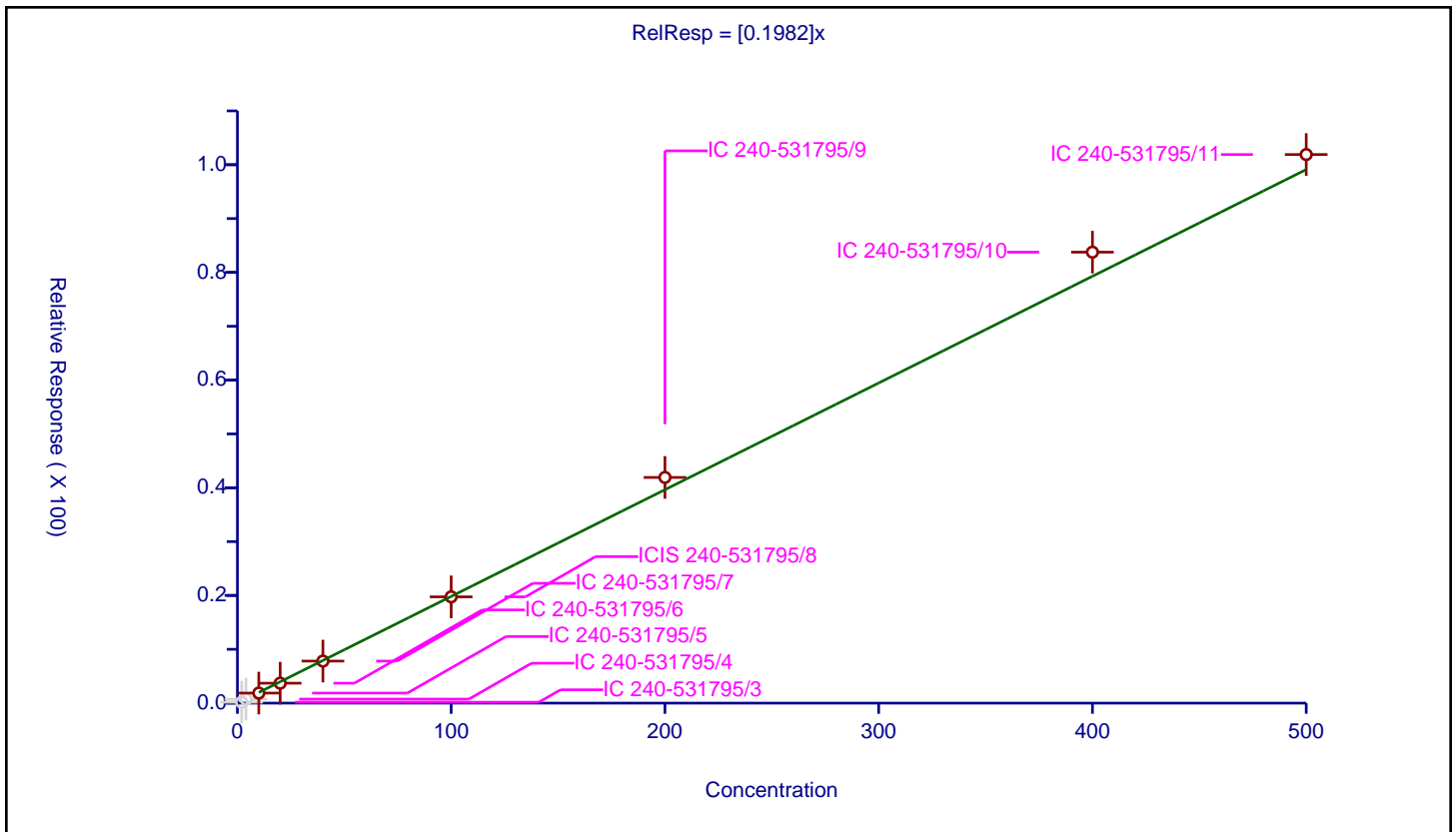
/ 2-Chloroethyl vinyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1982

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.171309	60.65	1025648.0	0.085655	N
2	IC 240-531795/4	4.0	0.742055	60.65	1005718.0	0.185514	N
3	IC 240-531795/5	10.0	1.867919	60.65	1032653.0	0.186792	Y
4	IC 240-531795/6	20.0	3.704864	60.65	998249.0	0.185243	Y
5	IC 240-531795/7	40.0	7.80937	60.65	1057492.0	0.195234	Y
6	ICIS 240-531795/8	100.0	19.741925	60.65	1086076.0	0.197419	Y
7	IC 240-531795/9	200.0	41.91798	60.65	1102772.0	0.20959	Y
8	IC 240-531795/10	400.0	83.76222	60.65	1095143.0	0.209406	Y
9	IC 240-531795/11	500.0	101.89283	60.65	1131489.0	0.203786	Y



Calibration

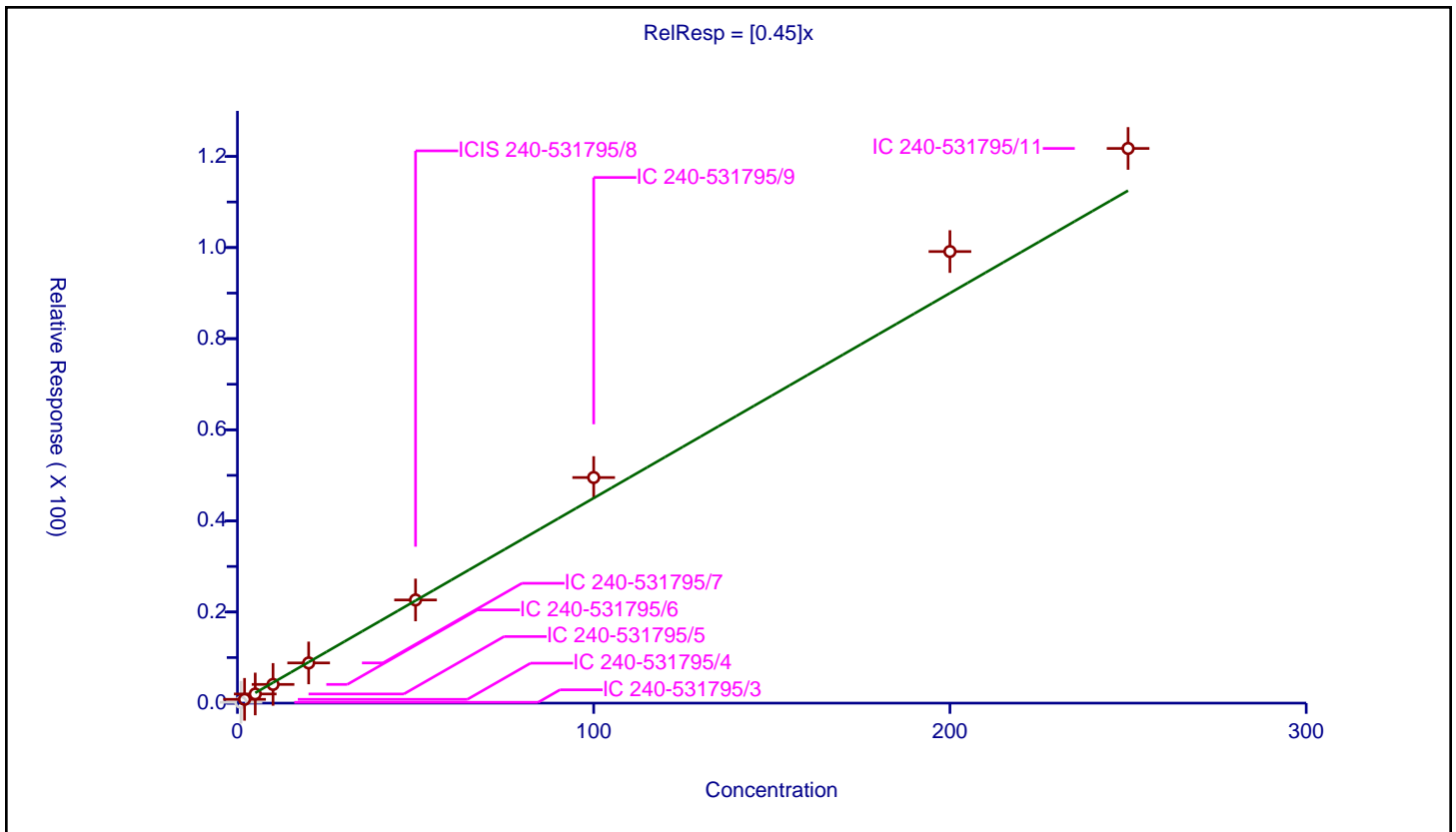
/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.45

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.181185	60.65	1025648.0	0.181185	N
2	IC 240-531795/4	2.0	0.831729	60.65	1005718.0	0.415864	Y
3	IC 240-531795/5	5.0	2.006704	60.65	1032653.0	0.401341	Y
4	IC 240-531795/6	10.0	4.108347	60.65	998249.0	0.410835	Y
5	IC 240-531795/7	20.0	8.823824	60.65	1057492.0	0.441191	Y
6	ICIS 240-531795/8	50.0	22.646331	60.65	1086076.0	0.452927	Y
7	IC 240-531795/9	100.0	49.519936	60.65	1102772.0	0.495199	Y
8	IC 240-531795/10	200.0	99.125157	60.65	1095143.0	0.495626	Y
9	IC 240-531795/11	250.0	121.75642	60.65	1131489.0	0.487026	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

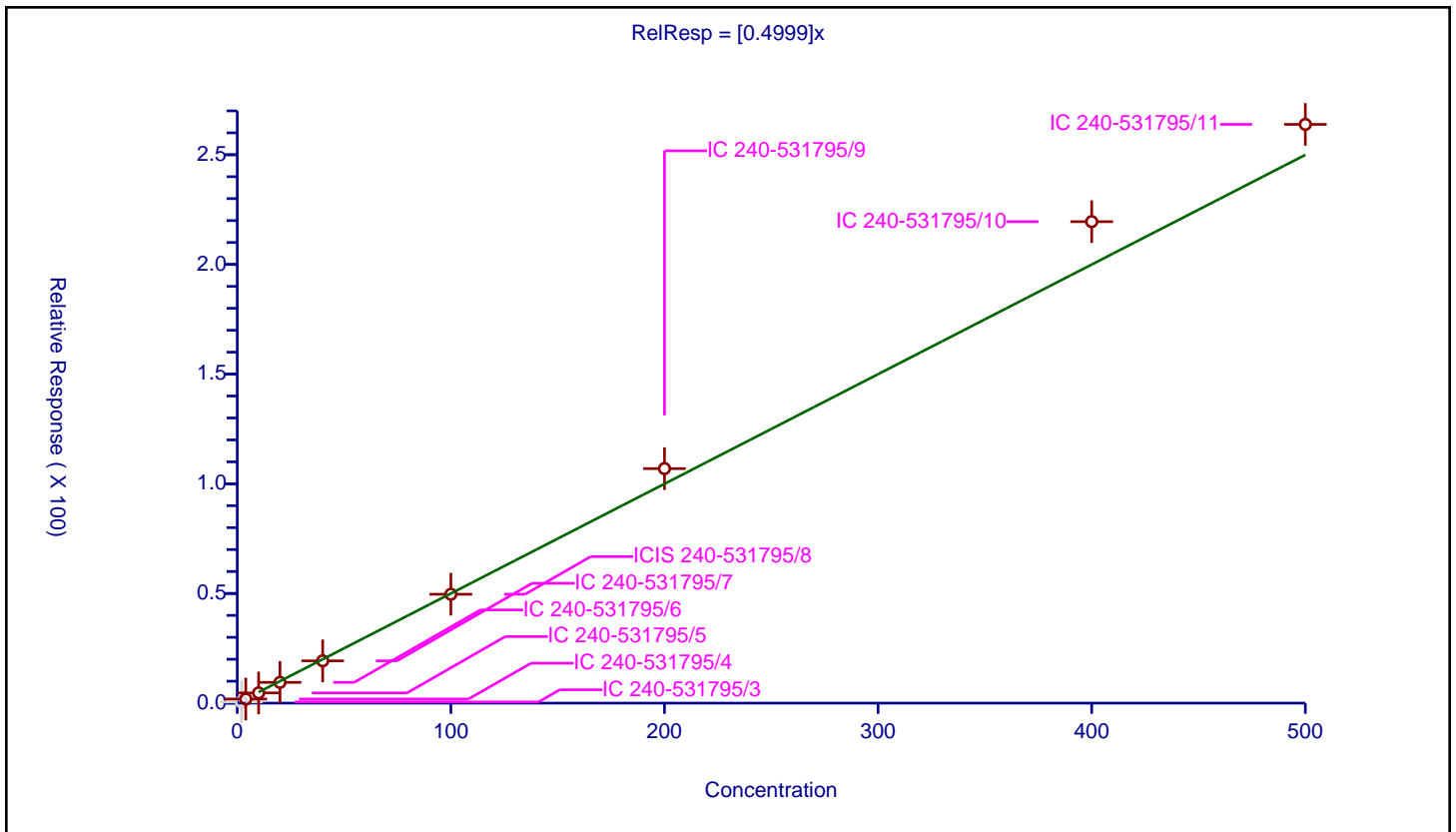
Curve Coefficients

Intercept: 0
Slope: 0.4999

Error Coefficients

Standard Error: 1820000
Relative Standard Error: 6.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.524119	60.65	781791.0	0.262059	N
2	IC 240-531795/4	4.0	1.874013	60.65	769350.0	0.468503	Y
3	IC 240-531795/5	10.0	4.674113	60.65	777129.0	0.467411	Y
4	IC 240-531795/6	20.0	9.469017	60.65	793752.0	0.473451	Y
5	IC 240-531795/7	40.0	19.288015	60.65	786569.0	0.4822	Y
6	ICIS 240-531795/8	100.0	49.645924	60.65	797704.0	0.496459	Y
7	IC 240-531795/9	200.0	106.922983	60.65	800088.0	0.534615	Y
8	IC 240-531795/10	400.0	219.504499	60.65	791466.0	0.548761	Y
9	IC 240-531795/11	500.0	263.840255	60.65	810493.0	0.527681	Y



Calibration

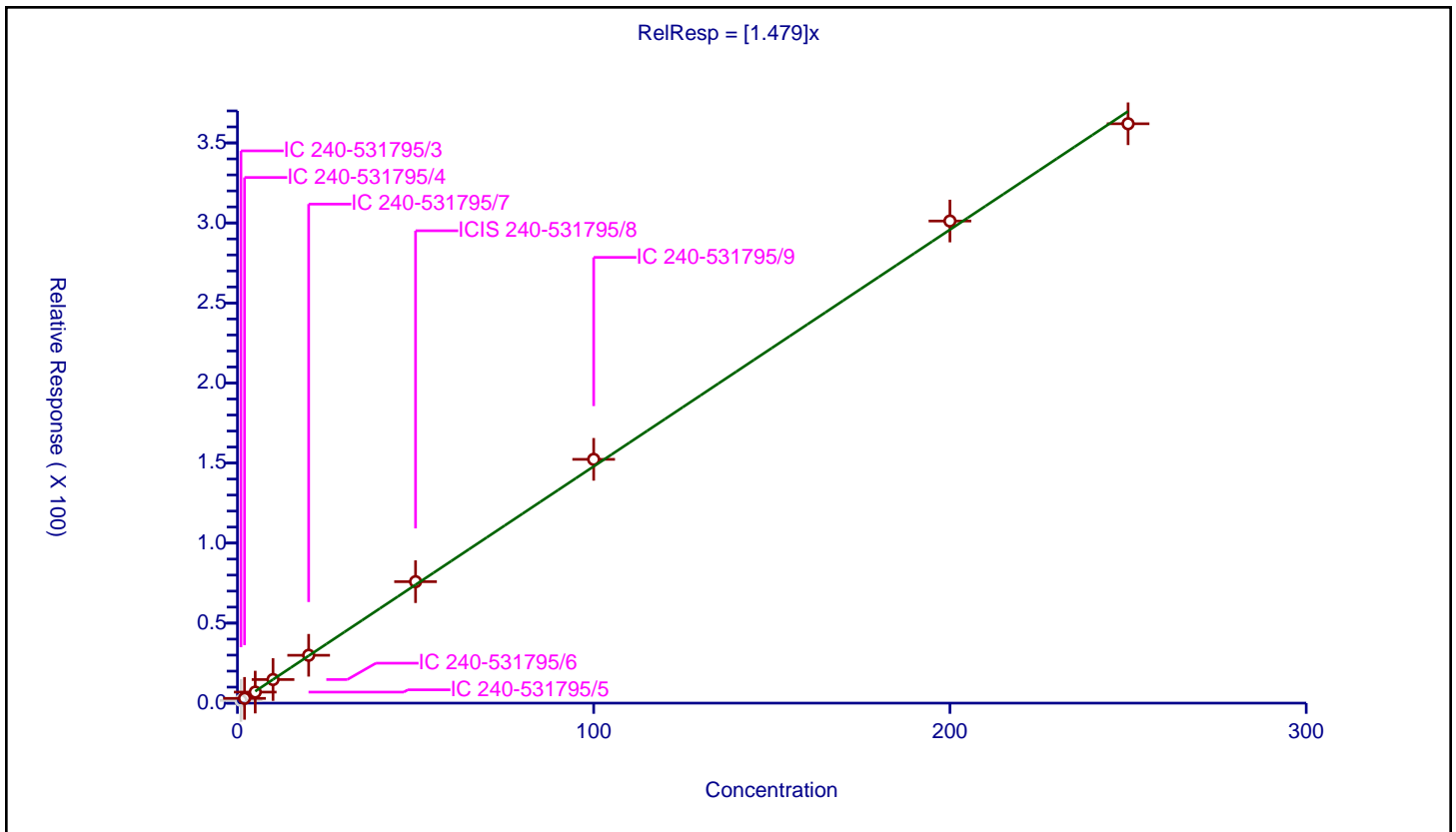
/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.479

Error Coefficients	
Standard Error:	2510000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.693456	60.65	781791.0	1.693456	N
2	IC 240-531795/4	2.0	2.977278	60.65	769350.0	1.488639	Y
3	IC 240-531795/5	5.0	6.90148	60.65	777129.0	1.380296	Y
4	IC 240-531795/6	10.0	14.732774	60.65	793752.0	1.473277	Y
5	IC 240-531795/7	20.0	29.898482	60.65	786569.0	1.494924	Y
6	ICIS 240-531795/8	50.0	75.880167	60.65	797704.0	1.517603	Y
7	IC 240-531795/9	100.0	152.302159	60.65	800088.0	1.523022	Y
8	IC 240-531795/10	200.0	301.197927	60.65	791466.0	1.50599	Y
9	IC 240-531795/11	250.0	361.963	60.65	810493.0	1.447852	Y



Calibration

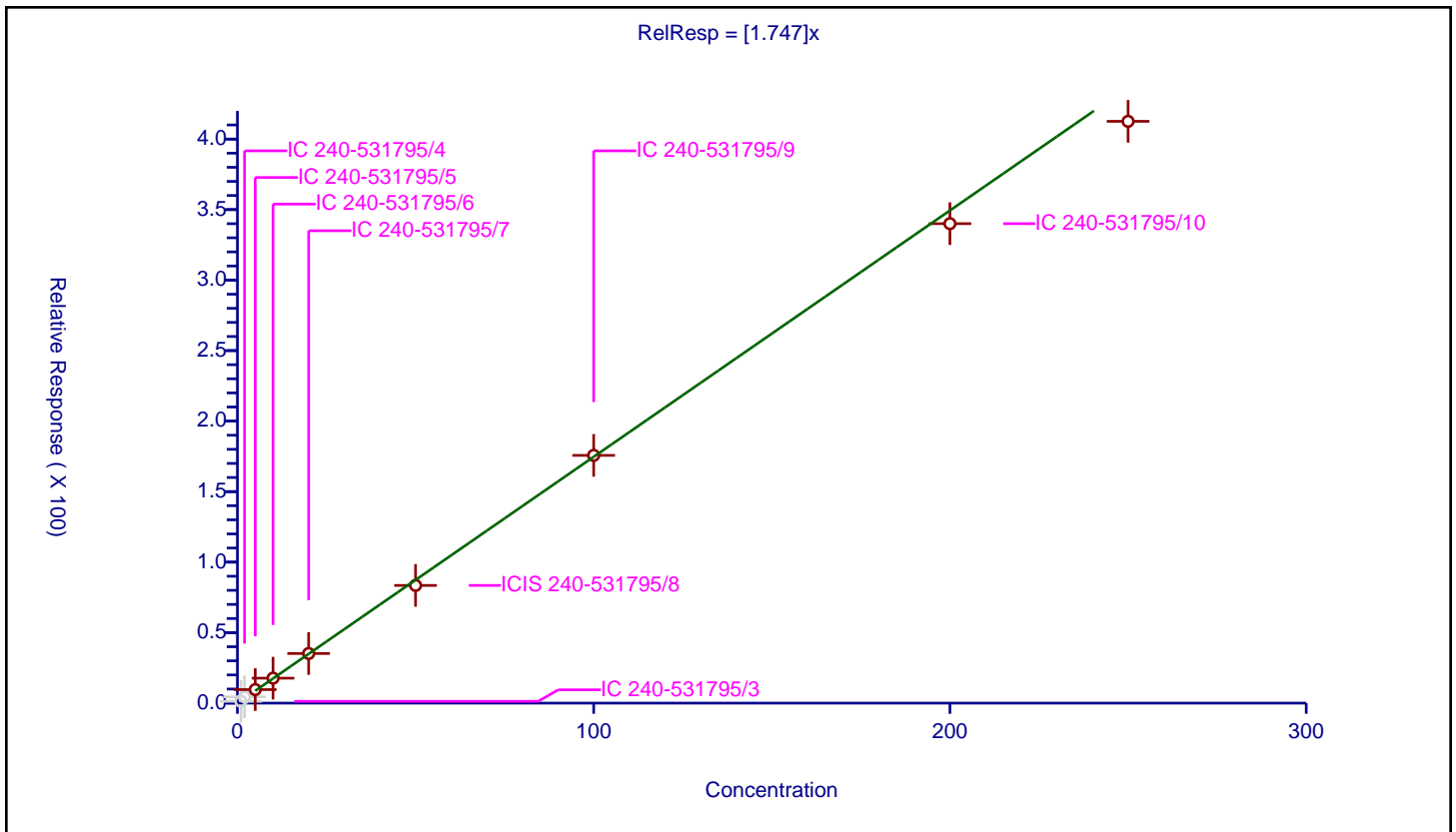
/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.747

Error Coefficients	
Standard Error:	3080000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.278645	60.65	781791.0	1.278645	N
2	IC 240-531795/4	2.0	4.439547	60.65	769350.0	2.219773	N
3	IC 240-531795/5	5.0	9.600542	60.65	777129.0	1.920108	Y
4	IC 240-531795/6	10.0	17.714187	60.65	793752.0	1.771419	Y
5	IC 240-531795/7	20.0	35.19296	60.65	786569.0	1.759648	Y
6	ICIS 240-531795/8	50.0	83.474799	60.65	797704.0	1.669496	Y
7	IC 240-531795/9	100.0	175.711393	60.65	800088.0	1.757114	Y
8	IC 240-531795/10	200.0	340.020958	60.65	791466.0	1.700105	Y
9	IC 240-531795/11	250.0	412.586694	60.65	810493.0	1.650347	Y



Calibration

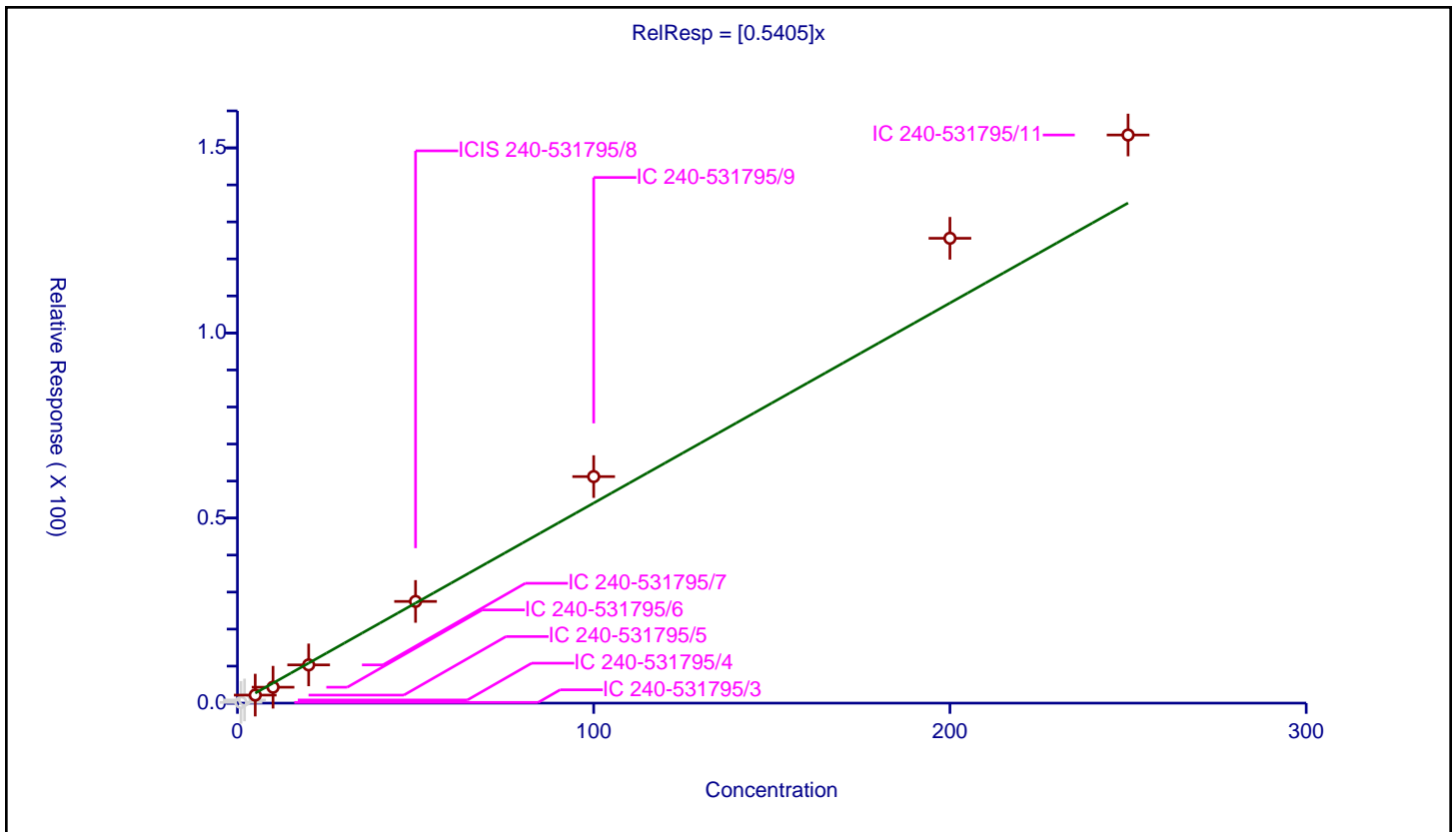
/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5405

Error Coefficients	
Standard Error:	1130000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.197282	60.65	781791.0	0.197282	N
2	IC 240-531795/4	2.0	0.849896	60.65	769350.0	0.424948	N
3	IC 240-531795/5	5.0	2.169692	60.65	777129.0	0.433938	Y
4	IC 240-531795/6	10.0	4.296951	60.65	793752.0	0.429695	Y
5	IC 240-531795/7	20.0	10.326636	60.65	786569.0	0.516332	Y
6	ICIS 240-531795/8	50.0	27.476053	60.65	797704.0	0.549521	Y
7	IC 240-531795/9	100.0	61.199201	60.65	800088.0	0.611992	Y
8	IC 240-531795/10	200.0	125.586909	60.65	791466.0	0.627935	Y
9	IC 240-531795/11	250.0	153.489901	60.65	810493.0	0.61396	Y



Calibration

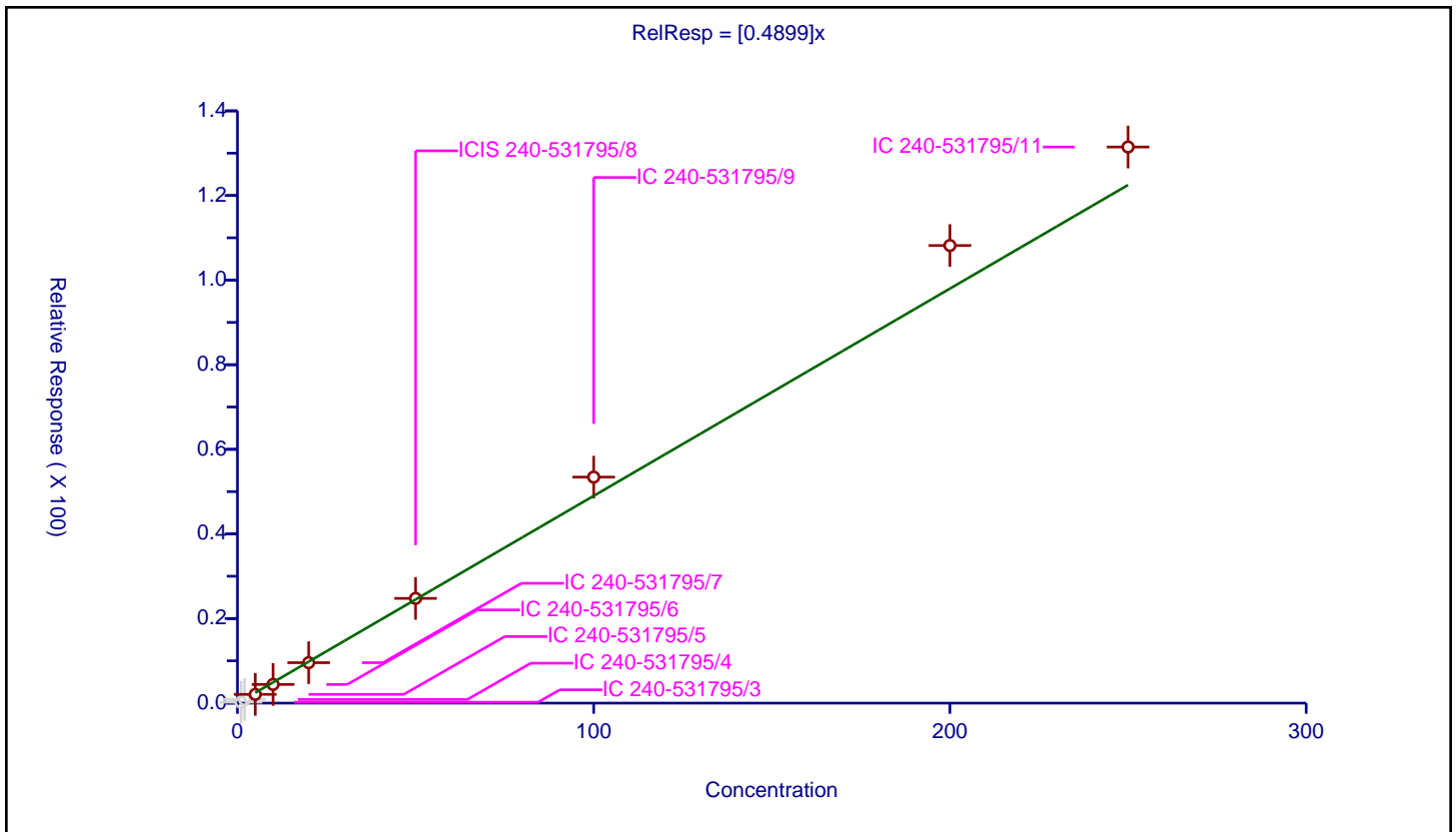
/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4899

Error Coefficients	
Standard Error:	975000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.223193	60.65	781791.0	0.223193	N
2	IC 240-531795/4	2.0	0.863061	60.65	769350.0	0.431531	N
3	IC 240-531795/5	5.0	2.068313	60.65	777129.0	0.413663	Y
4	IC 240-531795/6	10.0	4.417525	60.65	793752.0	0.441752	Y
5	IC 240-531795/7	20.0	9.558727	60.65	786569.0	0.477936	Y
6	ICIS 240-531795/8	50.0	24.761149	60.65	797704.0	0.495223	Y
7	IC 240-531795/9	100.0	53.430336	60.65	800088.0	0.534303	Y
8	IC 240-531795/10	200.0	108.175129	60.65	791466.0	0.540876	Y
9	IC 240-531795/11	250.0	131.46407	60.65	810493.0	0.525856	Y



Calibration

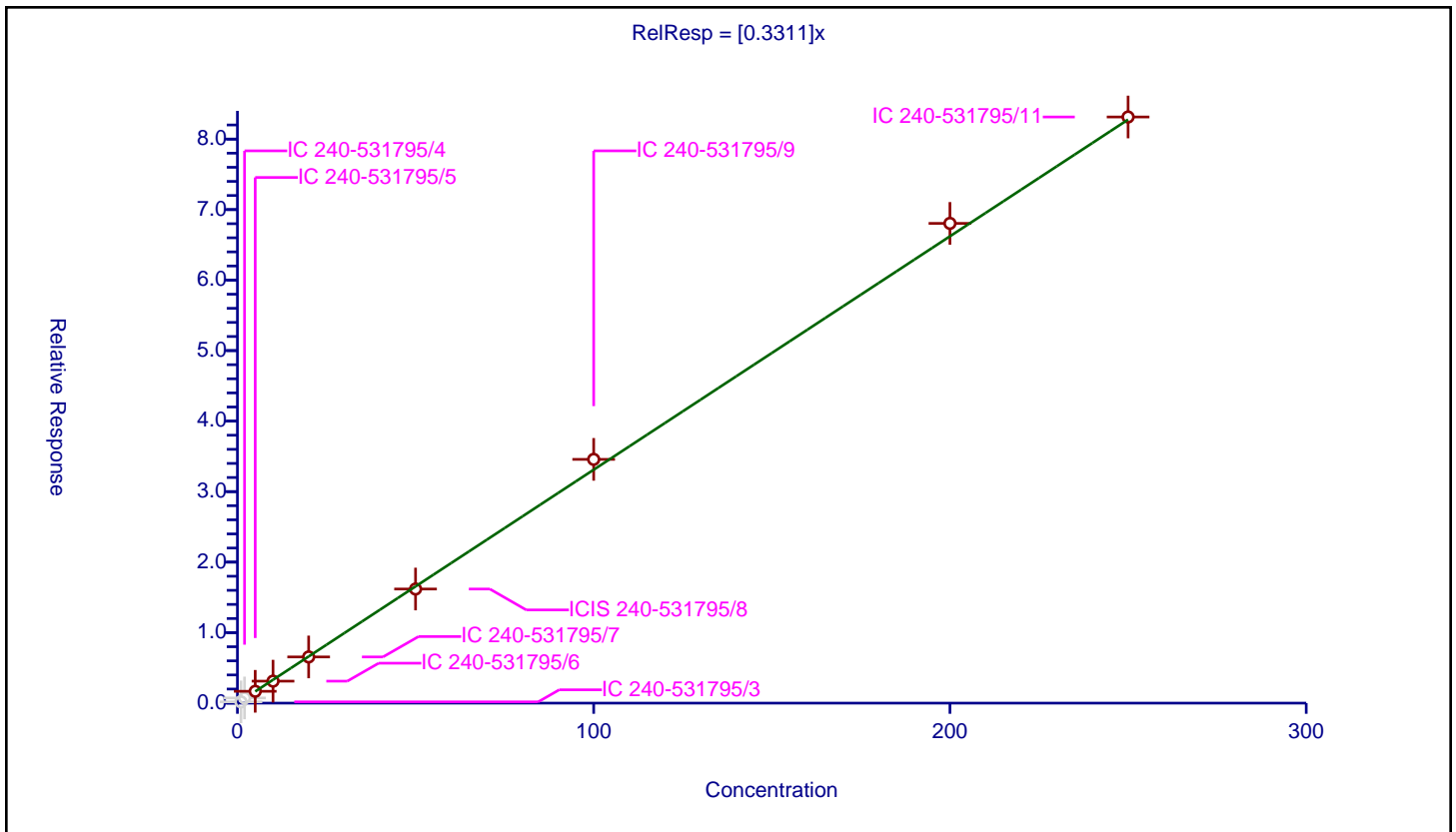
/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3311

Error Coefficients	
Standard Error:	617000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.179051	60.65	781791.0	0.179051	N
2	IC 240-531795/4	2.0	0.733618	60.65	769350.0	0.366809	N
3	IC 240-531795/5	5.0	1.679032	60.65	777129.0	0.335806	Y
4	IC 240-531795/6	10.0	3.118644	60.65	793752.0	0.311864	Y
5	IC 240-531795/7	20.0	6.551245	60.65	786569.0	0.327562	Y
6	ICIS 240-531795/8	50.0	16.18344	60.65	797704.0	0.323669	Y
7	IC 240-531795/9	100.0	34.572914	60.65	800088.0	0.345729	Y
8	IC 240-531795/10	200.0	68.043564	60.65	791466.0	0.340218	Y
9	IC 240-531795/11	250.0	83.134769	60.65	810493.0	0.332539	Y



Calibration

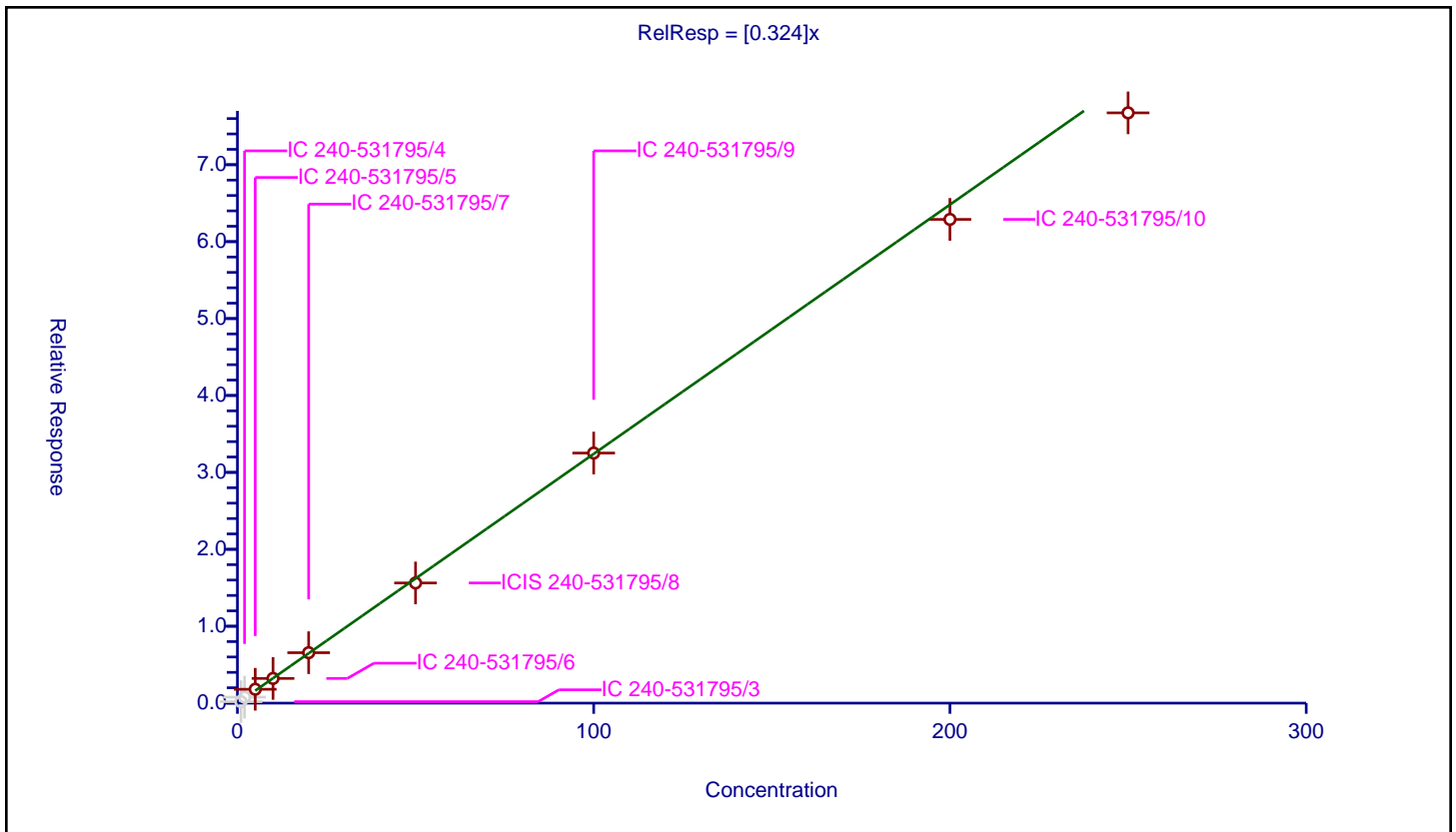
/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.324

Error Coefficients	
Standard Error:	572000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.191618	60.65	781791.0	0.191618	N
2	IC 240-531795/4	2.0	0.775715	60.65	769350.0	0.387857	N
3	IC 240-531795/5	5.0	1.800936	60.65	777129.0	0.360187	Y
4	IC 240-531795/6	10.0	3.211481	60.65	793752.0	0.321148	Y
5	IC 240-531795/7	20.0	6.557336	60.65	786569.0	0.327867	Y
6	ICIS 240-531795/8	50.0	15.623474	60.65	797704.0	0.312469	Y
7	IC 240-531795/9	100.0	32.513466	60.65	800088.0	0.325135	Y
8	IC 240-531795/10	200.0	62.891196	60.65	791466.0	0.314456	Y
9	IC 240-531795/11	250.0	76.743454	60.65	810493.0	0.306974	Y



Calibration

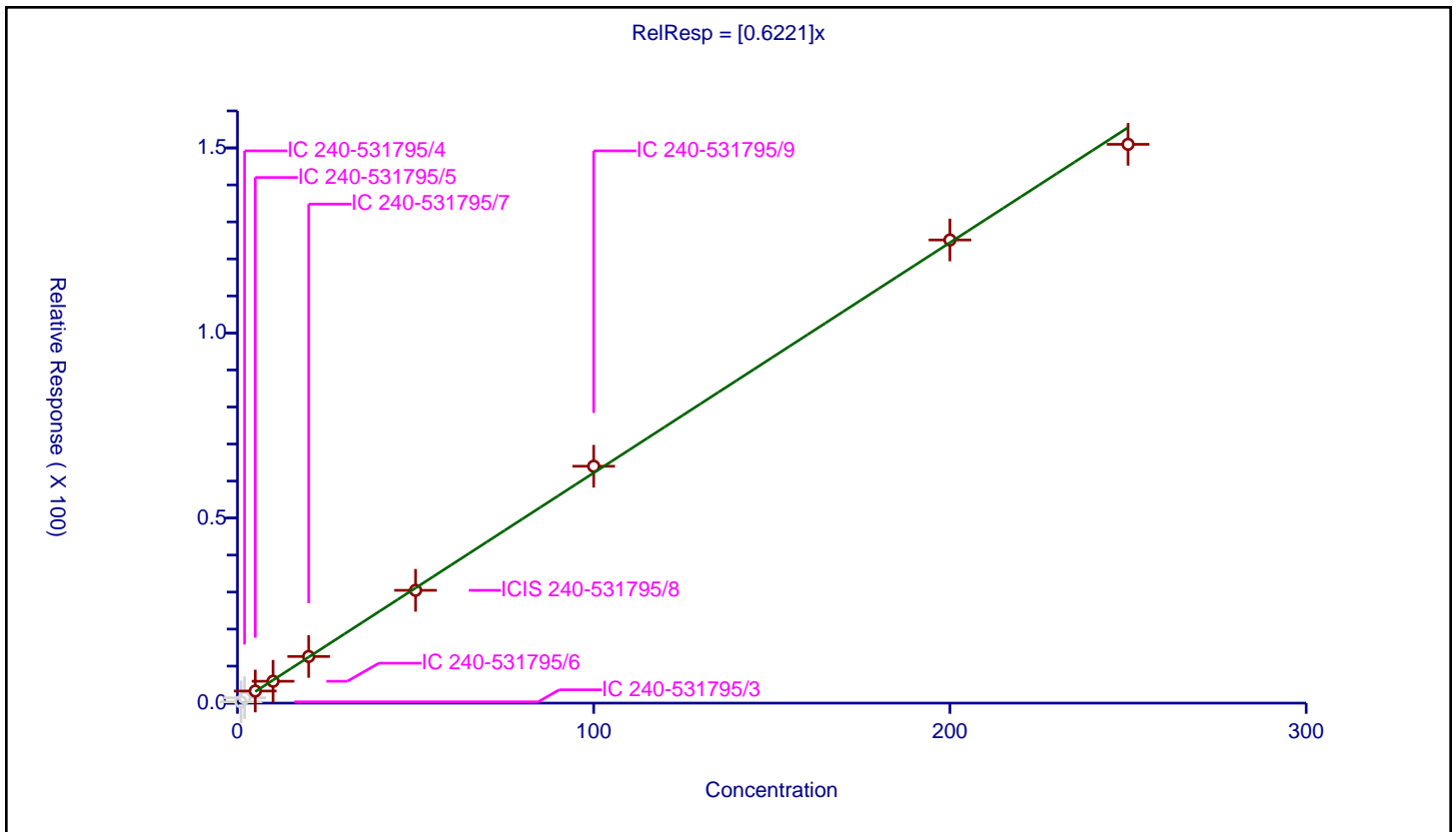
/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6221

Error Coefficients	
Standard Error:	1130000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.346697	60.65	781791.0	0.346697	N
2	IC 240-531795/4	2.0	1.44666	60.65	769350.0	0.72333	N
3	IC 240-531795/5	5.0	3.269952	60.65	777129.0	0.65399	Y
4	IC 240-531795/6	10.0	5.911555	60.65	793752.0	0.591155	Y
5	IC 240-531795/7	20.0	12.605766	60.65	786569.0	0.630288	Y
6	ICIS 240-531795/8	50.0	30.474248	60.65	797704.0	0.609485	Y
7	IC 240-531795/9	100.0	64.001605	60.65	800088.0	0.640016	Y
8	IC 240-531795/10	200.0	125.134333	60.65	791466.0	0.625672	Y
9	IC 240-531795/11	250.0	150.972511	60.65	810493.0	0.60389	Y



Calibration

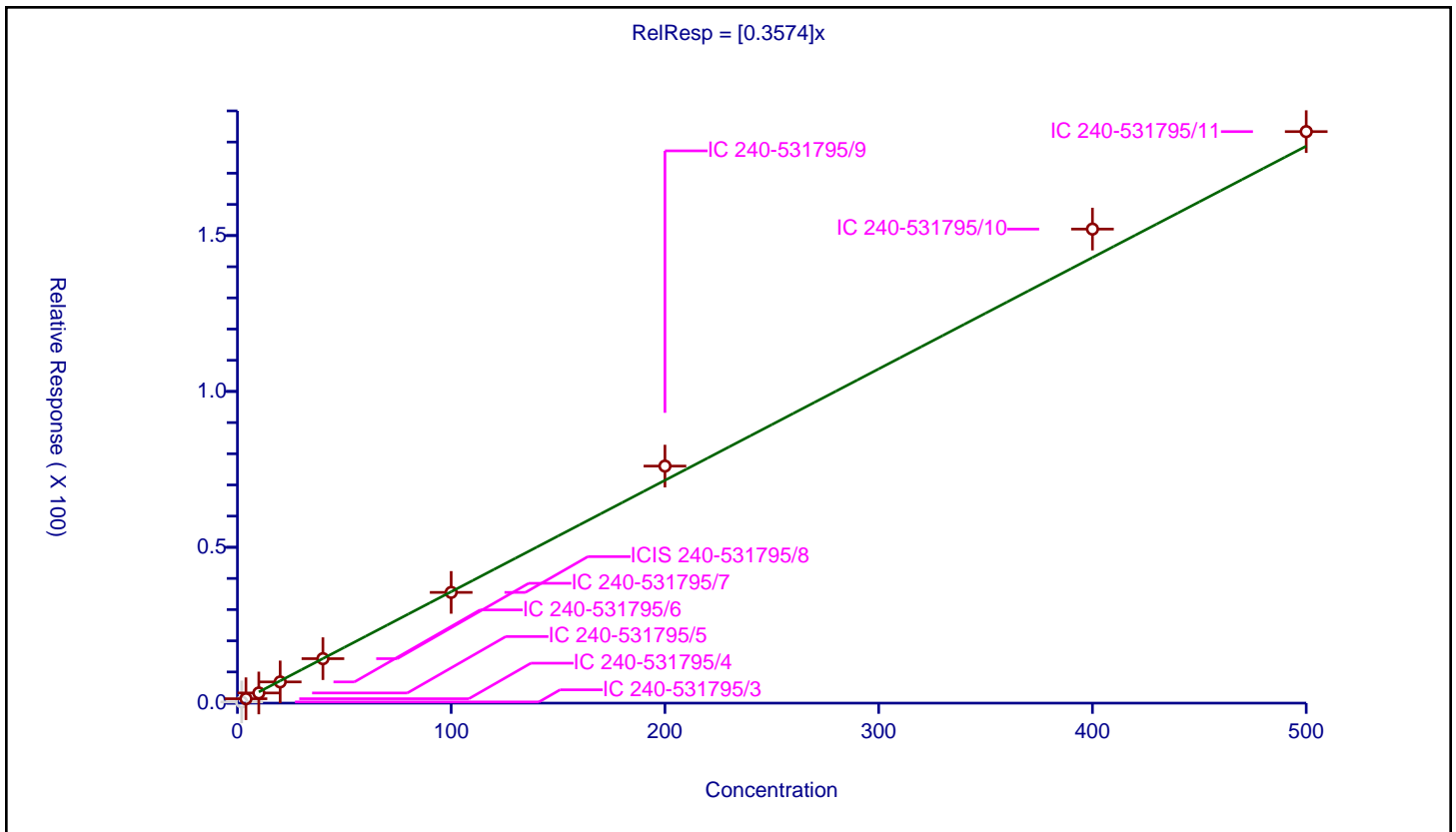
/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3574

Error Coefficients	
Standard Error:	1270000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	2.0	0.380211	60.65	781791.0	0.190106	N
2	IC 240-531795/4	4.0	1.413787	60.65	769350.0	0.353447	Y
3	IC 240-531795/5	10.0	3.263162	60.65	777129.0	0.326316	Y
4	IC 240-531795/6	20.0	6.808676	60.65	793752.0	0.340434	Y
5	IC 240-531795/7	40.0	14.26349	60.65	786569.0	0.356587	Y
6	ICIS 240-531795/8	100.0	35.520711	60.65	797704.0	0.355207	Y
7	IC 240-531795/9	200.0	76.04863	60.65	800088.0	0.380243	Y
8	IC 240-531795/10	400.0	152.082787	60.65	791466.0	0.380207	Y
9	IC 240-531795/11	500.0	183.34904	60.65	810493.0	0.366698	Y



Calibration

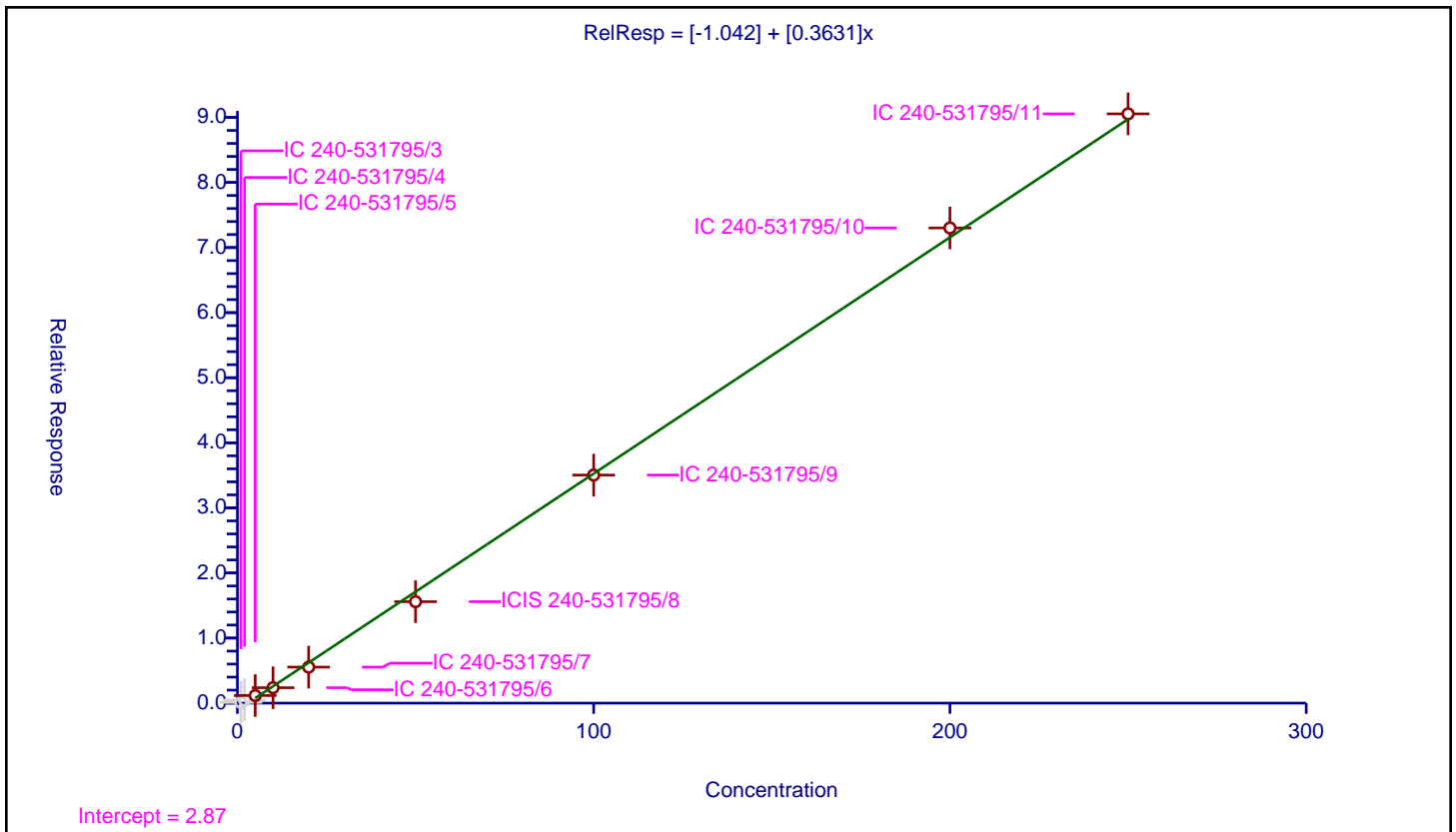
/ Chlorodibromomethane

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	-1.042
Slope:	0.3631

Error Coefficients	
Standard Error:	726000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.107523	60.65	781791.0	0.107523	N
2	IC 240-531795/4	2.0	0.487975	60.65	769350.0	0.243987	N
3	IC 240-531795/5	5.0	1.165972	60.65	777129.0	0.233194	Y
4	IC 240-531795/6	10.0	2.368381	60.65	793752.0	0.236838	Y
5	IC 240-531795/7	20.0	5.533432	60.65	786569.0	0.276672	Y
6	ICIS 240-531795/8	50.0	15.584242	60.65	797704.0	0.311685	Y
7	IC 240-531795/9	100.0	35.039033	60.65	800088.0	0.35039	Y
8	IC 240-531795/10	200.0	73.011177	60.65	791466.0	0.365056	Y
9	IC 240-531795/11	250.0	90.541467	60.65	810493.0	0.362166	Y



Calibration

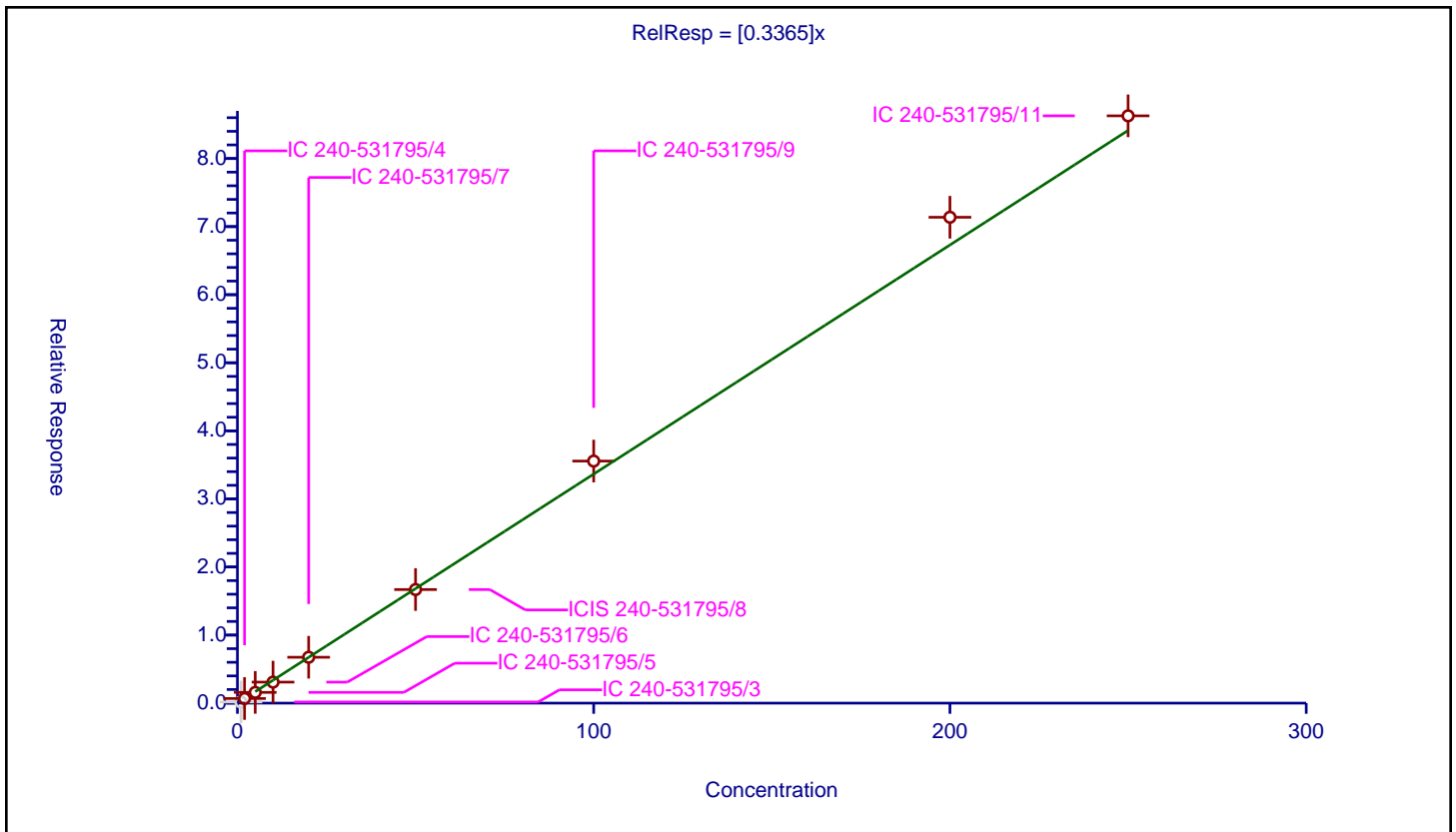
/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3365

Error Coefficients	
Standard Error:	595000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.166328	60.65	781791.0	0.166328	N
2	IC 240-531795/4	2.0	0.678277	60.65	769350.0	0.339139	Y
3	IC 240-531795/5	5.0	1.57976	60.65	777129.0	0.315952	Y
4	IC 240-531795/6	10.0	3.08808	60.65	793752.0	0.308808	Y
5	IC 240-531795/7	20.0	6.738229	60.65	786569.0	0.336911	Y
6	ICIS 240-531795/8	50.0	16.684559	60.65	797704.0	0.333691	Y
7	IC 240-531795/9	100.0	35.559808	60.65	800088.0	0.355598	Y
8	IC 240-531795/10	200.0	71.374745	60.65	791466.0	0.356874	Y
9	IC 240-531795/11	250.0	86.271385	60.65	810493.0	0.345086	Y



Calibration

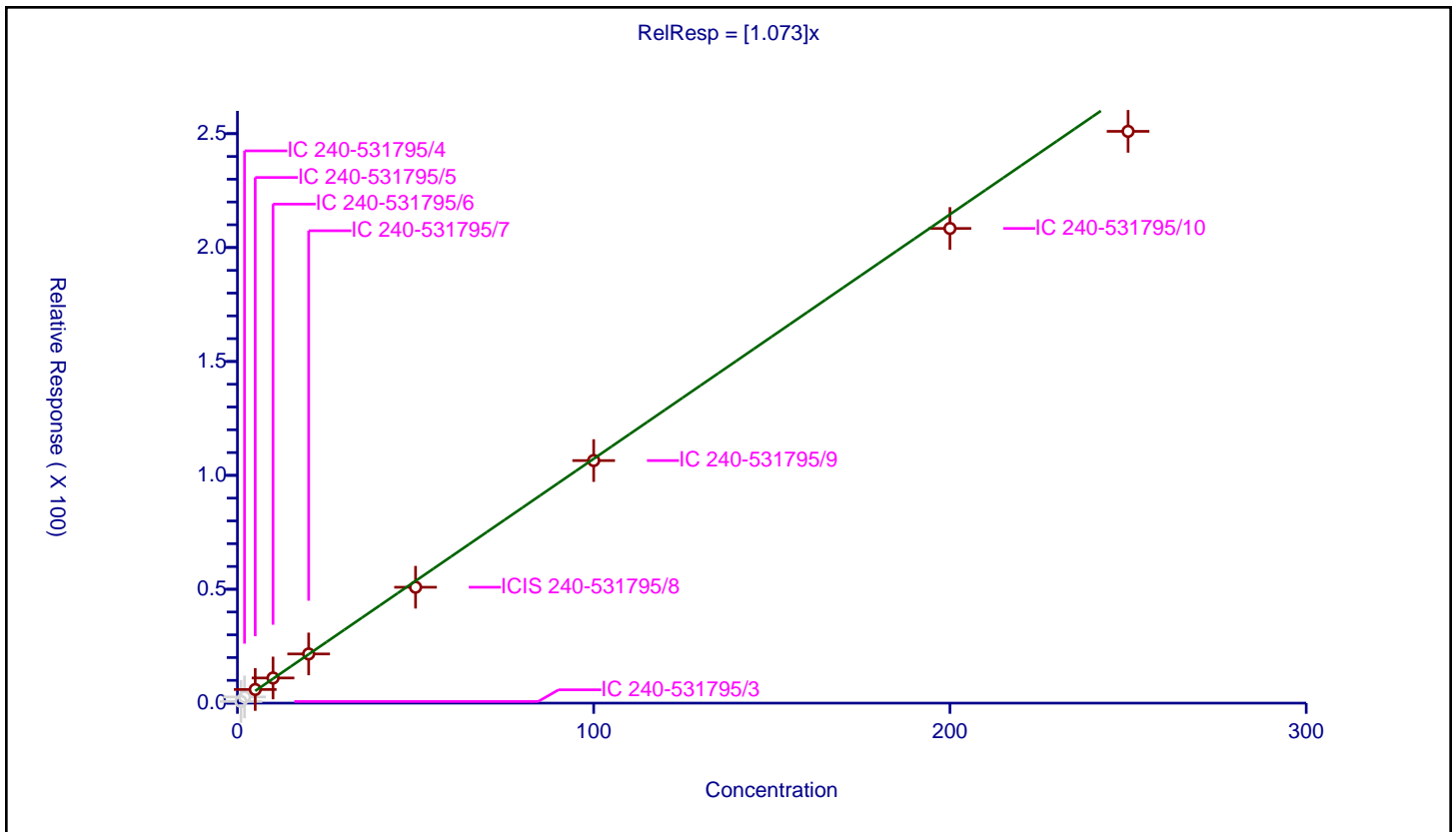
/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.073

Error Coefficients	
Standard Error:	1880000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.720469	60.65	781791.0	0.720469	N
2	IC 240-531795/4	2.0	2.712636	60.65	769350.0	1.356318	N
3	IC 240-531795/5	5.0	5.98236	60.65	777129.0	1.196472	Y
4	IC 240-531795/6	10.0	11.049084	60.65	793752.0	1.104908	Y
5	IC 240-531795/7	20.0	21.58912	60.65	786569.0	1.079456	Y
6	ICIS 240-531795/8	50.0	50.874428	60.65	797704.0	1.017489	Y
7	IC 240-531795/9	100.0	106.490899	60.65	800088.0	1.064909	Y
8	IC 240-531795/10	200.0	208.394153	60.65	791466.0	1.041971	Y
9	IC 240-531795/11	250.0	251.018188	60.65	810493.0	1.004073	Y



Calibration

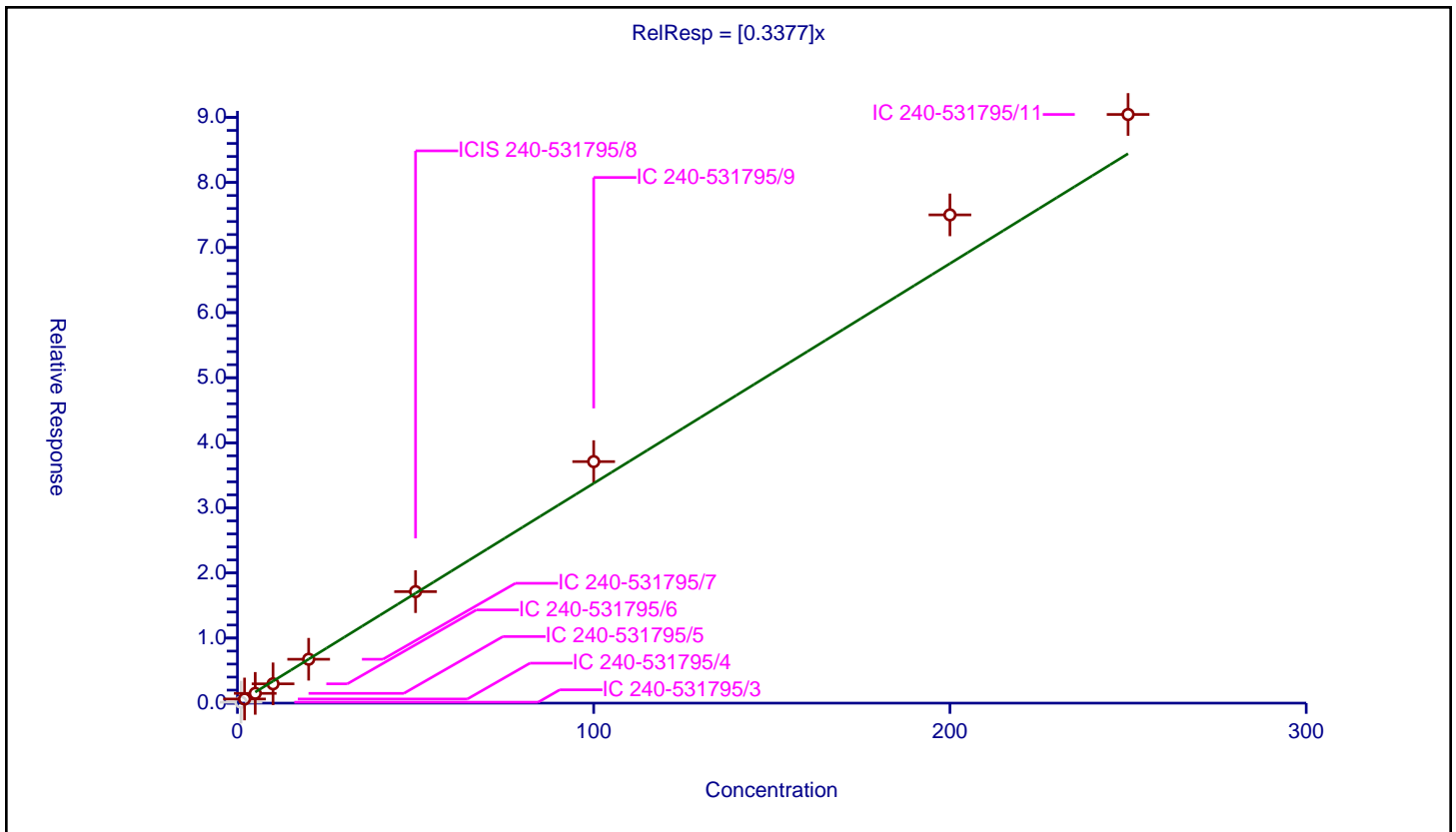
/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3377

Error Coefficients	
Standard Error:	623000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.146545	60.65	781791.0	0.146545	N
2	IC 240-531795/4	2.0	0.634525	60.65	769350.0	0.317263	Y
3	IC 240-531795/5	5.0	1.50117	60.65	777129.0	0.300234	Y
4	IC 240-531795/6	10.0	2.963227	60.65	793752.0	0.296323	Y
5	IC 240-531795/7	20.0	6.743935	60.65	786569.0	0.337197	Y
6	ICIS 240-531795/8	50.0	17.134508	60.65	797704.0	0.34269	Y
7	IC 240-531795/9	100.0	37.110534	60.65	800088.0	0.371105	Y
8	IC 240-531795/10	200.0	75.02187	60.65	791466.0	0.375109	Y
9	IC 240-531795/11	250.0	90.451744	60.65	810493.0	0.361807	Y



Calibration

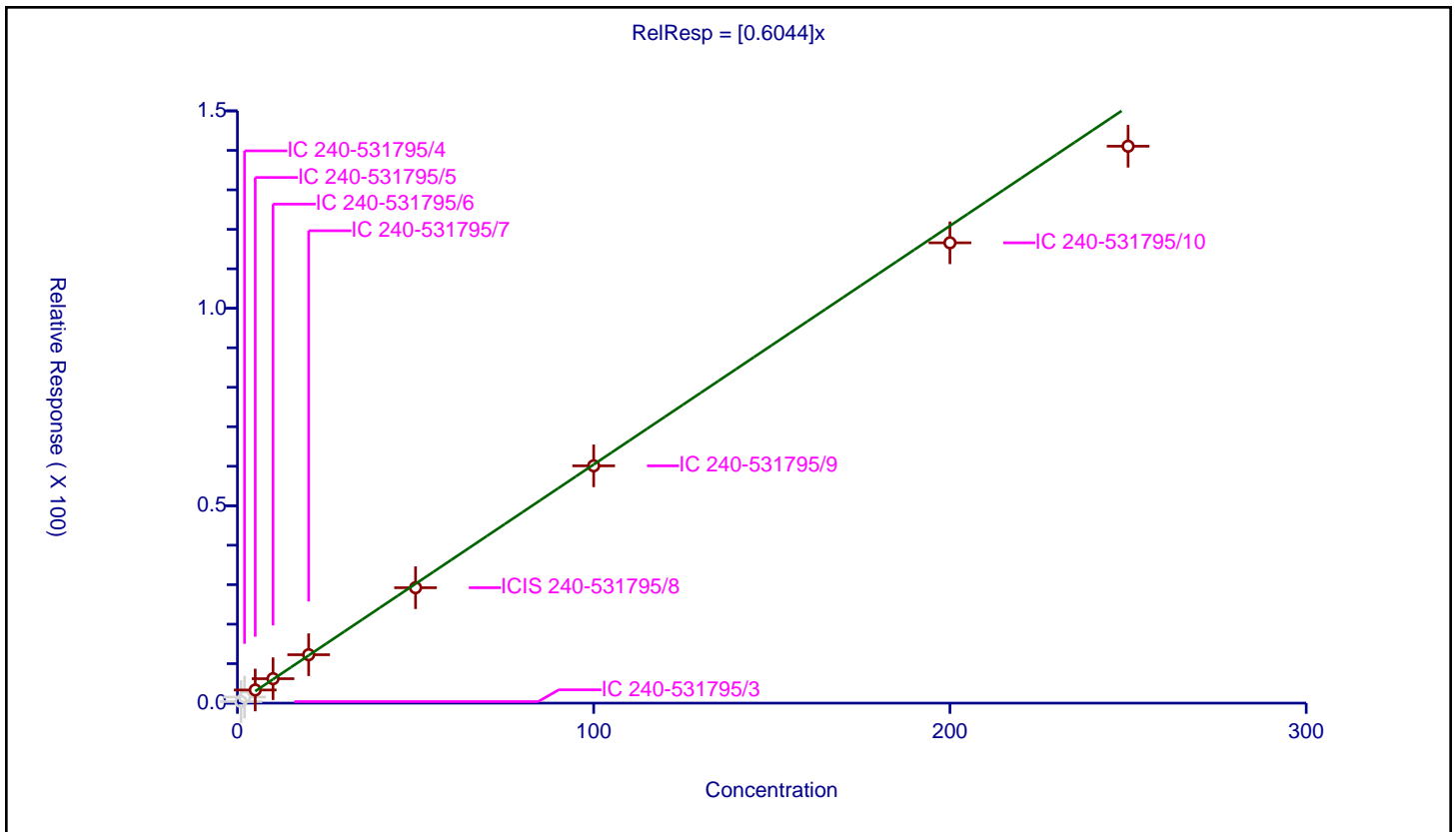
/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6044

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.389908	60.65	781791.0	0.389908	N
2	IC 240-531795/4	2.0	1.537082	60.65	769350.0	0.768541	N
3	IC 240-531795/5	5.0	3.329421	60.65	777129.0	0.665884	Y
4	IC 240-531795/6	10.0	6.190678	60.65	793752.0	0.619068	Y
5	IC 240-531795/7	20.0	12.259864	60.65	786569.0	0.612993	Y
6	ICIS 240-531795/8	50.0	29.233807	60.65	797704.0	0.584676	Y
7	IC 240-531795/9	100.0	60.101026	60.65	800088.0	0.60101	Y
8	IC 240-531795/10	200.0	116.589634	60.65	791466.0	0.582948	Y
9	IC 240-531795/11	250.0	141.050594	60.65	810493.0	0.564202	Y



Calibration

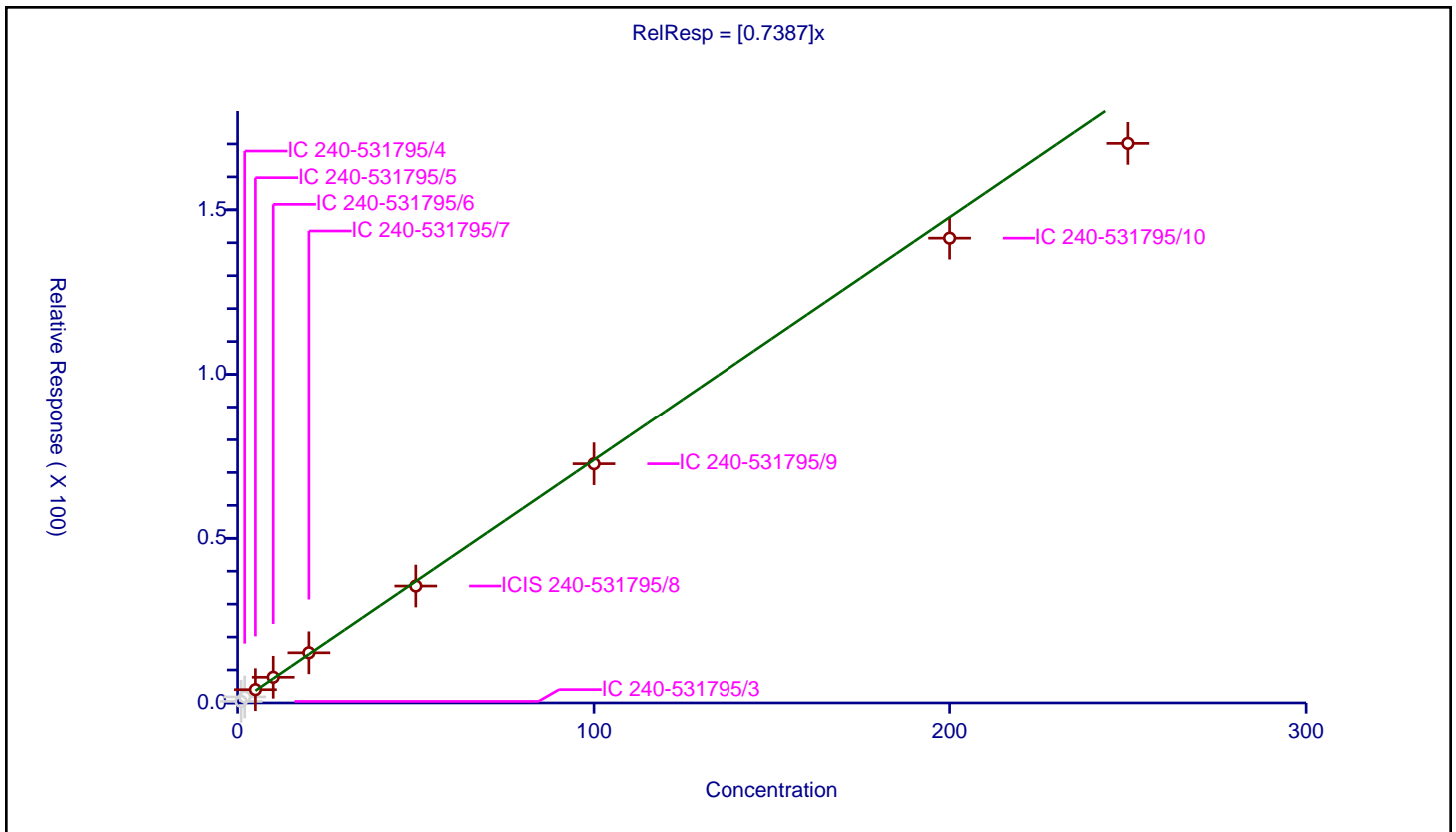
/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7387

Error Coefficients	
Standard Error:	1280000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.470202	60.65	781791.0	0.470202	N
2	IC 240-531795/4	2.0	1.828999	60.65	769350.0	0.9145	N
3	IC 240-531795/5	5.0	4.023932	60.65	777129.0	0.804786	Y
4	IC 240-531795/6	10.0	7.803295	60.65	793752.0	0.78033	Y
5	IC 240-531795/7	20.0	15.229795	60.65	786569.0	0.76149	Y
6	ICIS 240-531795/8	50.0	35.499042	60.65	797704.0	0.709981	Y
7	IC 240-531795/9	100.0	72.663595	60.65	800088.0	0.726636	Y
8	IC 240-531795/10	200.0	141.401032	60.65	791466.0	0.707005	Y
9	IC 240-531795/11	250.0	170.180655	60.65	810493.0	0.680723	Y



Calibration

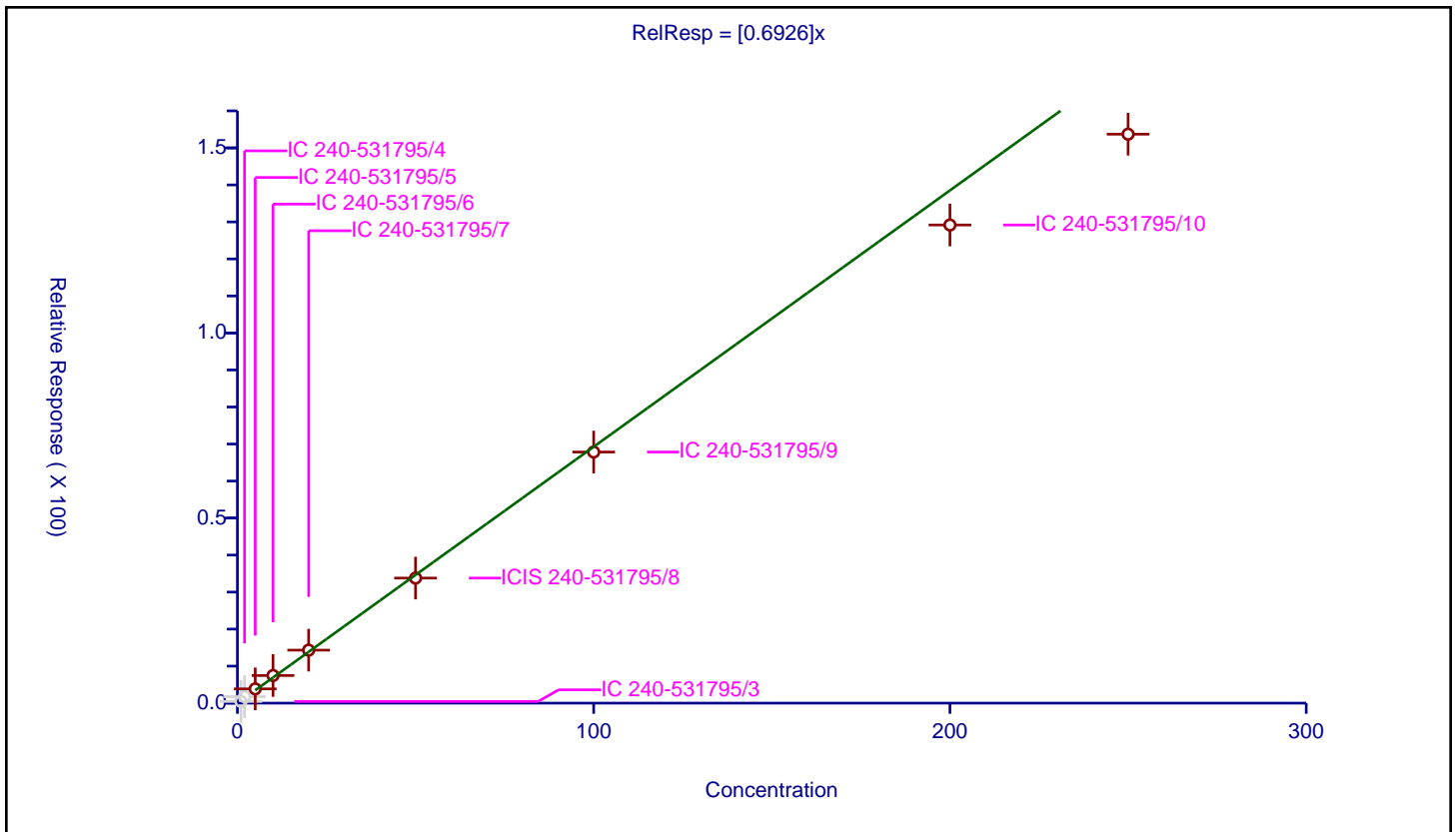
/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6926

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.447161	60.65	781791.0	0.447161	N
2	IC 240-531795/4	2.0	1.749615	60.65	769350.0	0.874807	N
3	IC 240-531795/5	5.0	3.851923	60.65	777129.0	0.770385	Y
4	IC 240-531795/6	10.0	7.468699	60.65	793752.0	0.74687	Y
5	IC 240-531795/7	20.0	14.316925	60.65	786569.0	0.715846	Y
6	ICIS 240-531795/8	50.0	33.787514	60.65	797704.0	0.67575	Y
7	IC 240-531795/9	100.0	67.83578	60.65	800088.0	0.678358	Y
8	IC 240-531795/10	200.0	129.173651	60.65	791466.0	0.645868	Y
9	IC 240-531795/11	250.0	153.704741	60.65	810493.0	0.614819	Y



Calibration

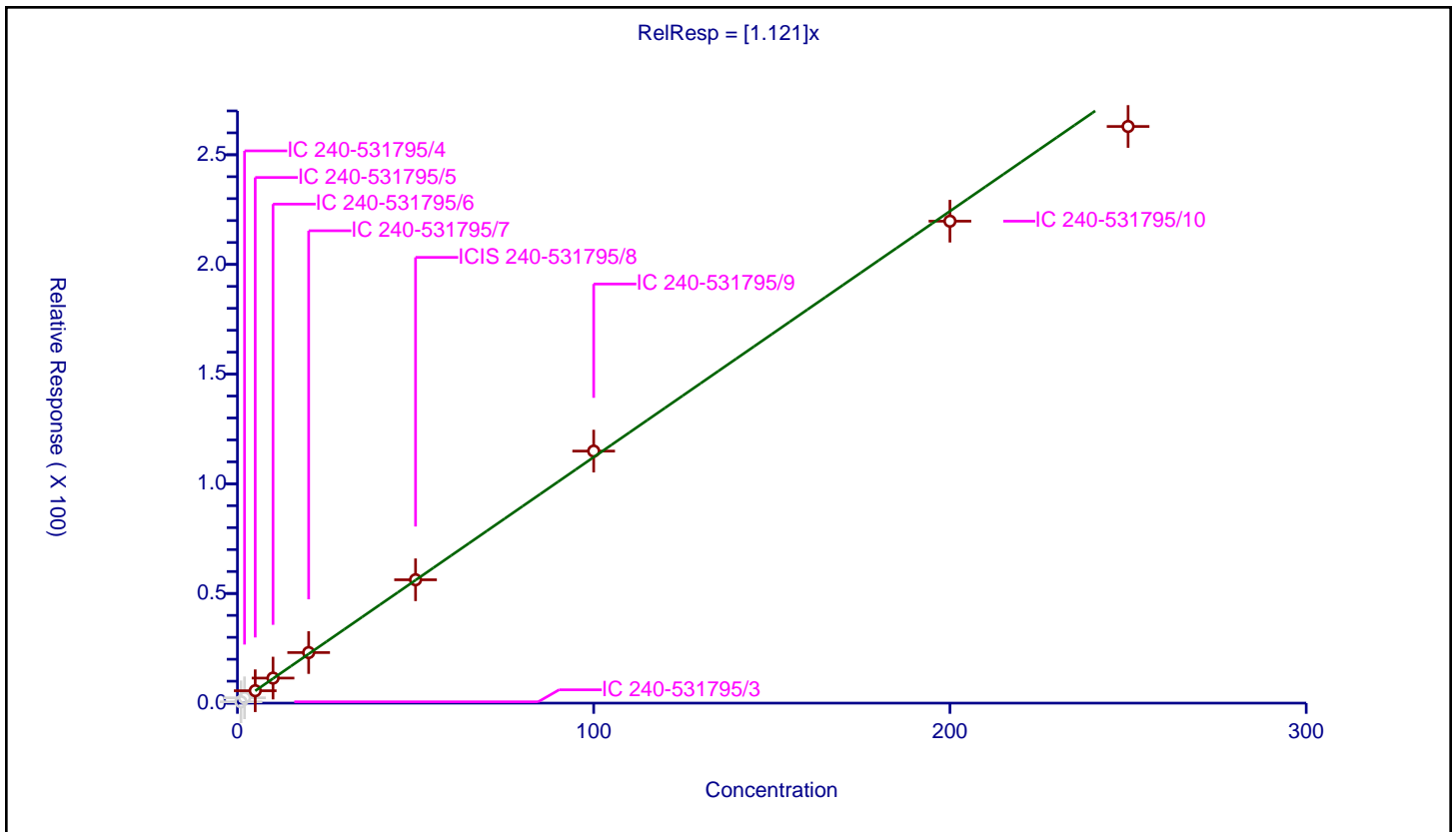
/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.121

Error Coefficients	
Standard Error:	1980000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.605731	60.65	781791.0	0.605731	N
2	IC 240-531795/4	2.0	2.418669	60.65	769350.0	1.209334	N
3	IC 240-531795/5	5.0	5.652235	60.65	777129.0	1.130447	Y
4	IC 240-531795/6	10.0	11.425323	60.65	793752.0	1.142532	Y
5	IC 240-531795/7	20.0	23.046983	60.65	786569.0	1.152349	Y
6	ICIS 240-531795/8	50.0	56.240979	60.65	797704.0	1.12482	Y
7	IC 240-531795/9	100.0	114.908041	60.65	800088.0	1.14908	Y
8	IC 240-531795/10	200.0	219.720672	60.65	791466.0	1.098603	Y
9	IC 240-531795/11	250.0	262.902024	60.65	810493.0	1.051608	Y



Calibration

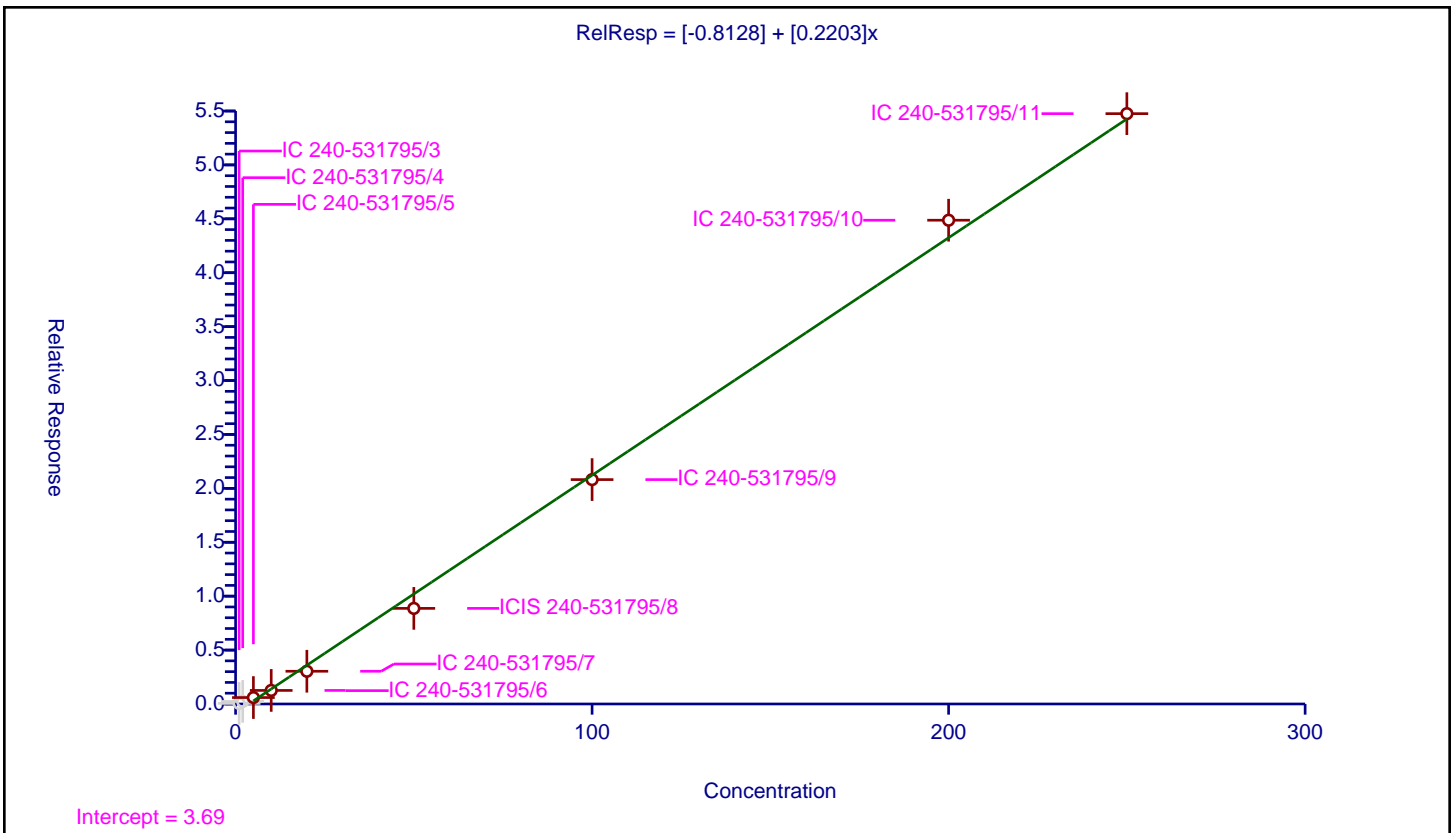
/ Bromoform

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.8128
Slope:	0.2203

Error Coefficients	
Standard Error:	440000
Relative Standard Error:	15.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.053994	60.65	781791.0	0.053994	N
2	IC 240-531795/4	2.0	0.238627	60.65	769350.0	0.119313	N
3	IC 240-531795/5	5.0	0.596956	60.65	777129.0	0.119391	Y
4	IC 240-531795/6	10.0	1.258384	60.65	793752.0	0.125838	Y
5	IC 240-531795/7	20.0	3.036012	60.65	786569.0	0.151801	Y
6	ICIS 240-531795/8	50.0	8.867157	60.65	797704.0	0.177343	Y
7	IC 240-531795/9	100.0	20.812108	60.65	800088.0	0.208121	Y
8	IC 240-531795/10	200.0	44.870361	60.65	791466.0	0.224352	Y
9	IC 240-531795/11	250.0	54.755562	60.65	810493.0	0.219022	Y



Calibration

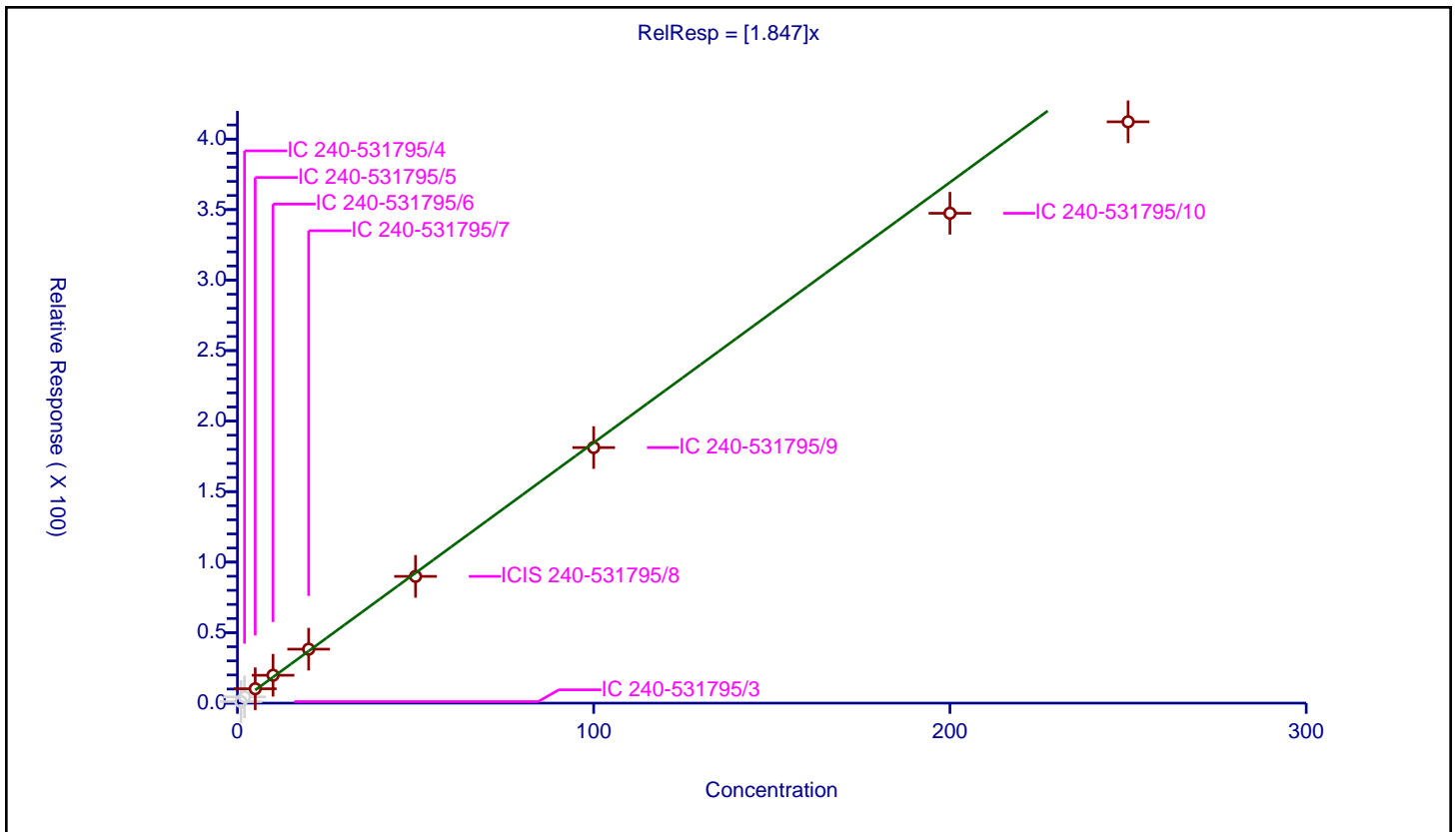
/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.847

Error Coefficients	
Standard Error:	3120000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.090285	60.65	781791.0	1.090285	N
2	IC 240-531795/4	2.0	4.41771	60.65	769350.0	2.208855	N
3	IC 240-531795/5	5.0	10.19703	60.65	777129.0	2.039406	Y
4	IC 240-531795/6	10.0	19.76952	60.65	793752.0	1.976952	Y
5	IC 240-531795/7	20.0	38.271072	60.65	786569.0	1.913554	Y
6	ICIS 240-531795/8	50.0	89.895136	60.65	797704.0	1.797903	Y
7	IC 240-531795/9	100.0	181.24722	60.65	800088.0	1.812472	Y
8	IC 240-531795/10	200.0	347.386169	60.65	791466.0	1.736931	Y
9	IC 240-531795/11	250.0	412.255641	60.65	810493.0	1.649023	Y



Calibration

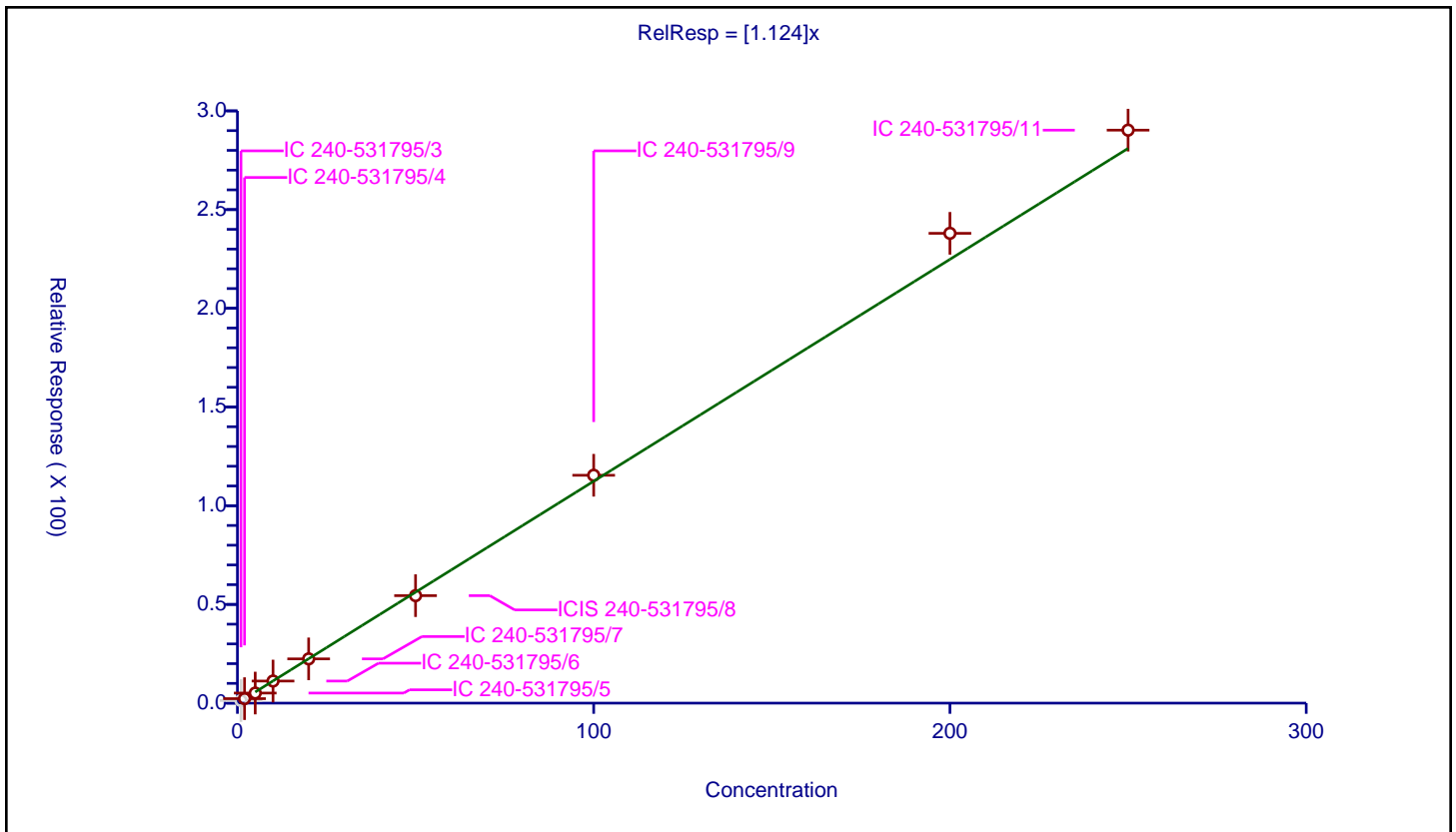
/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.124

Error Coefficients	
Standard Error:	913000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.310856	60.65	406691.0	1.310856	N
2	IC 240-531795/4	2.0	2.274235	60.65	400878.0	1.137118	Y
3	IC 240-531795/5	5.0	5.10432	60.65	404205.0	1.020864	Y
4	IC 240-531795/6	10.0	11.193271	60.65	408745.0	1.119327	Y
5	IC 240-531795/7	20.0	22.418828	60.65	399080.0	1.120941	Y
6	ICIS 240-531795/8	50.0	54.440933	60.65	407725.0	1.088819	Y
7	IC 240-531795/9	100.0	115.429338	60.65	384614.0	1.154293	Y
8	IC 240-531795/10	200.0	237.976552	60.65	366567.0	1.189883	Y
9	IC 240-531795/11	250.0	290.243266	60.65	366155.0	1.160973	Y



Calibration

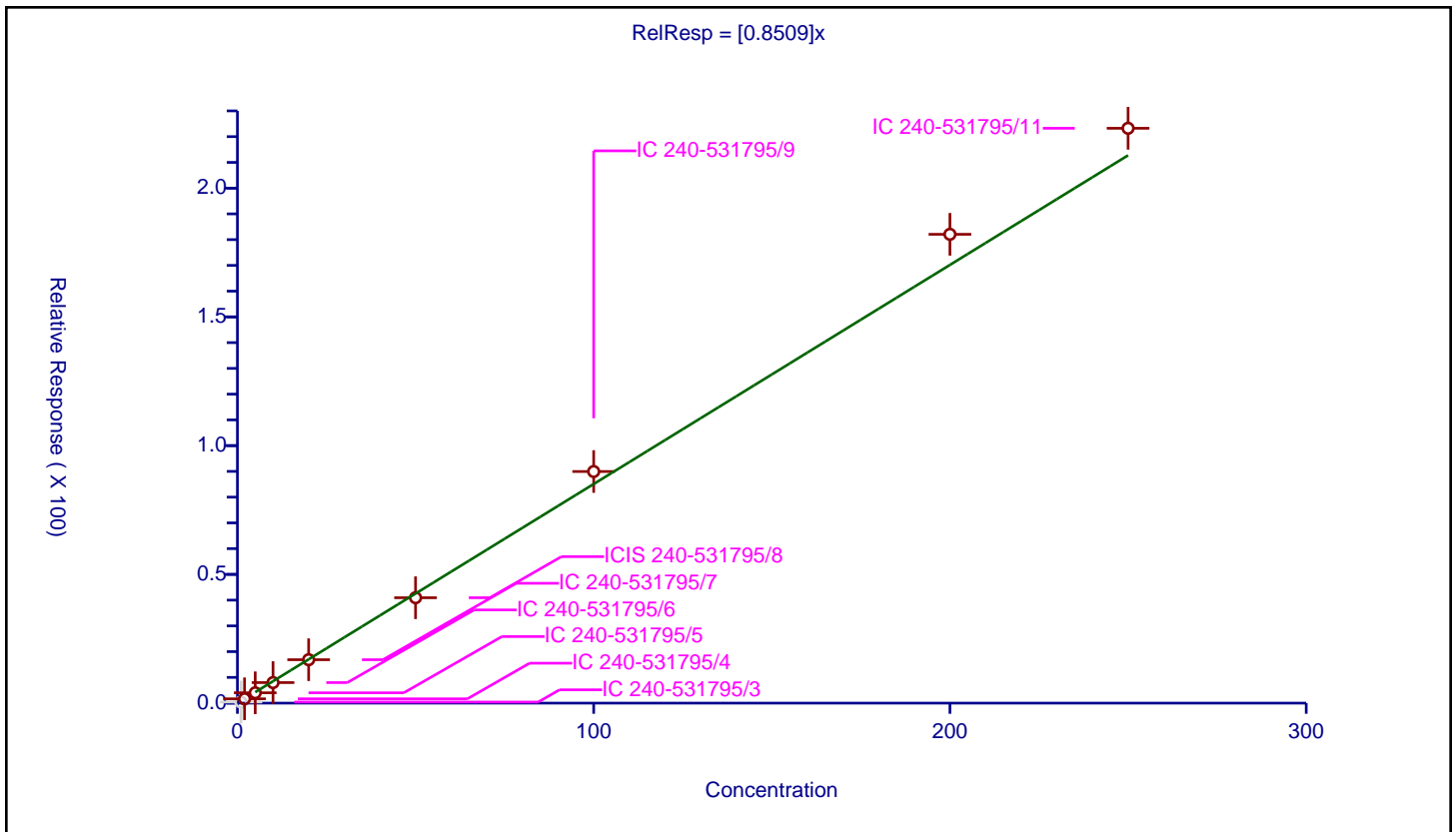
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8509

Error Coefficients	
Standard Error:	701000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.420399	60.65	406691.0	0.420399	N
2	IC 240-531795/4	2.0	1.68389	60.65	400878.0	0.841945	Y
3	IC 240-531795/5	5.0	4.016475	60.65	404205.0	0.803295	Y
4	IC 240-531795/6	10.0	7.975628	60.65	408745.0	0.797563	Y
5	IC 240-531795/7	20.0	16.864615	60.65	399080.0	0.843231	Y
6	ICIS 240-531795/8	50.0	40.937207	60.65	407725.0	0.818744	Y
7	IC 240-531795/9	100.0	89.945754	60.65	384614.0	0.899458	Y
8	IC 240-531795/10	200.0	182.0683	60.65	366567.0	0.910341	Y
9	IC 240-531795/11	250.0	223.246264	60.65	366155.0	0.892985	Y



Calibration

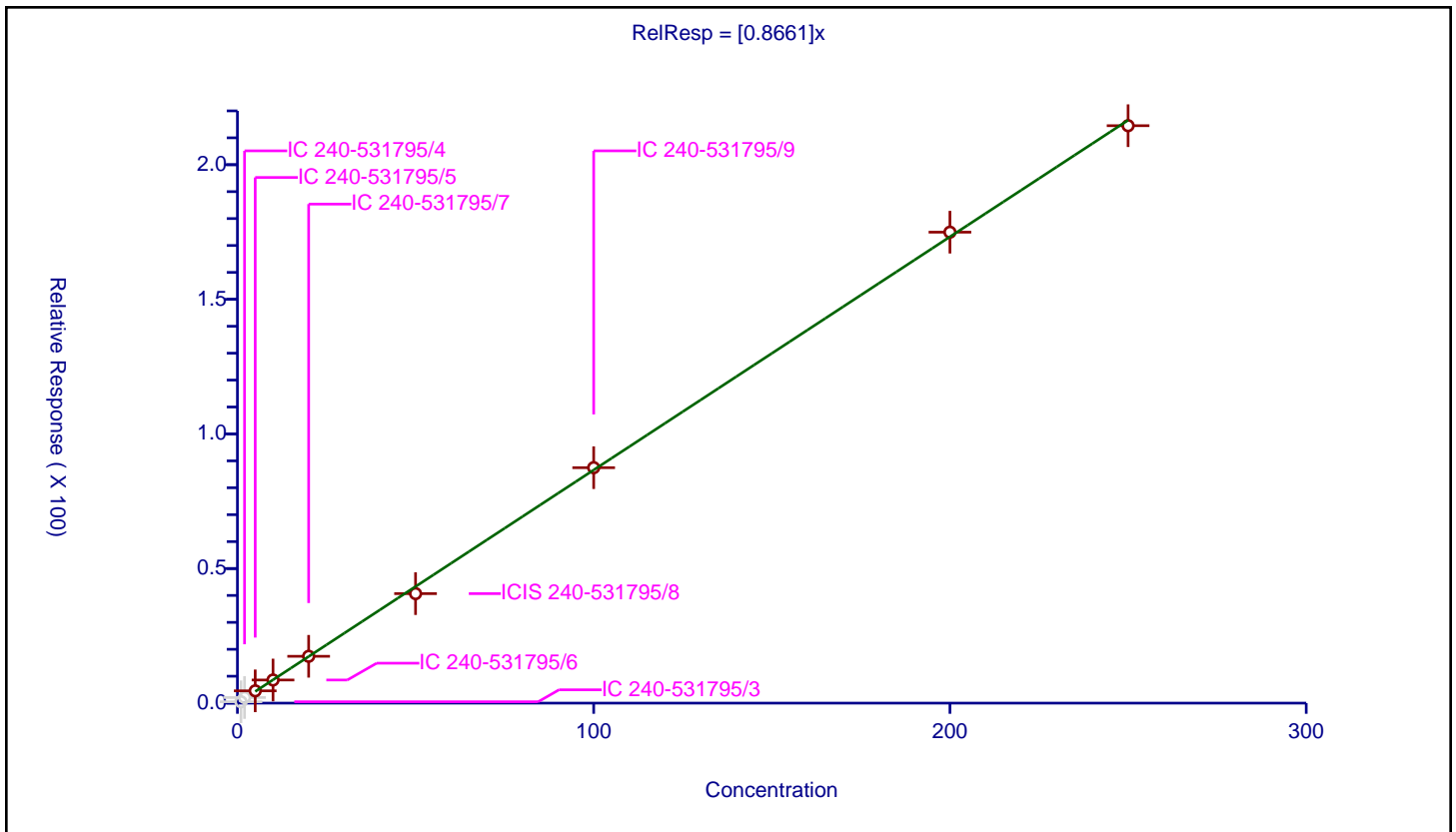
/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8661

Error Coefficients	
Standard Error:	730000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.512114	60.65	406691.0	0.512114	N
2	IC 240-531795/4	2.0	2.079521	60.65	400878.0	1.039761	N
3	IC 240-531795/5	5.0	4.563548	60.65	404205.0	0.91271	Y
4	IC 240-531795/6	10.0	8.595712	60.65	408745.0	0.859571	Y
5	IC 240-531795/7	20.0	17.39455	60.65	399080.0	0.869728	Y
6	ICIS 240-531795/8	50.0	40.681948	60.65	407725.0	0.813639	Y
7	IC 240-531795/9	100.0	87.462443	60.65	384614.0	0.874624	Y
8	IC 240-531795/10	200.0	174.943682	60.65	366567.0	0.874718	Y
9	IC 240-531795/11	250.0	214.49814	60.65	366155.0	0.857993	Y



Calibration

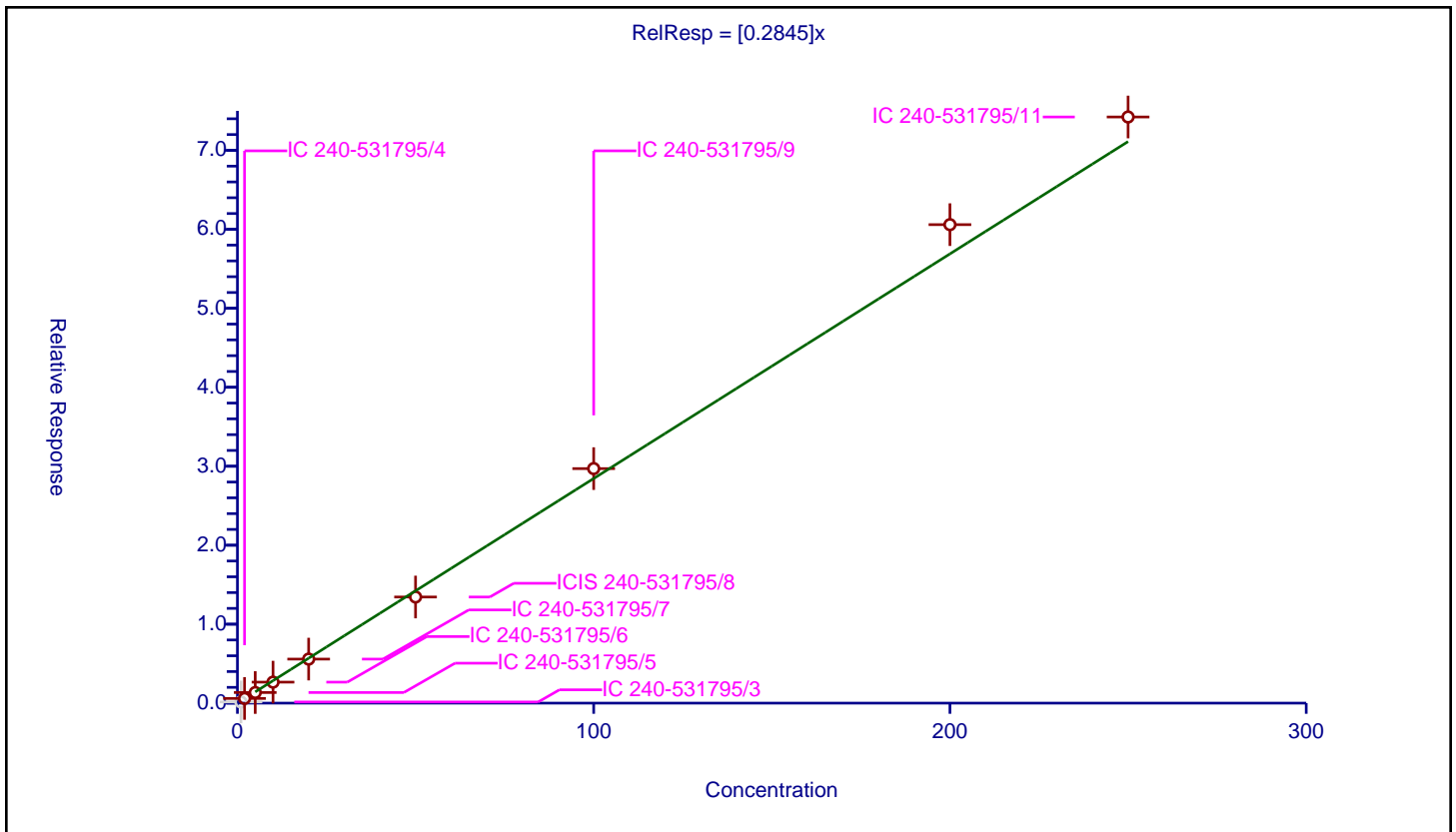
/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2845

Error Coefficients	
Standard Error:	233000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.14585	60.65	406691.0	0.14585	N
2	IC 240-531795/4	2.0	0.593522	60.65	400878.0	0.296761	Y
3	IC 240-531795/5	5.0	1.342476	60.65	404205.0	0.268495	Y
4	IC 240-531795/6	10.0	2.658839	60.65	408745.0	0.265884	Y
5	IC 240-531795/7	20.0	5.577466	60.65	399080.0	0.278873	Y
6	ICIS 240-531795/8	50.0	13.440507	60.65	407725.0	0.26881	Y
7	IC 240-531795/9	100.0	29.698968	60.65	384614.0	0.29699	Y </td
8	IC 240-531795/10	200.0	60.594077	60.65	366567.0	0.30297	Y
9	IC 240-531795/11	250.0	74.227364	60.65	366155.0	0.296909	Y



Calibration

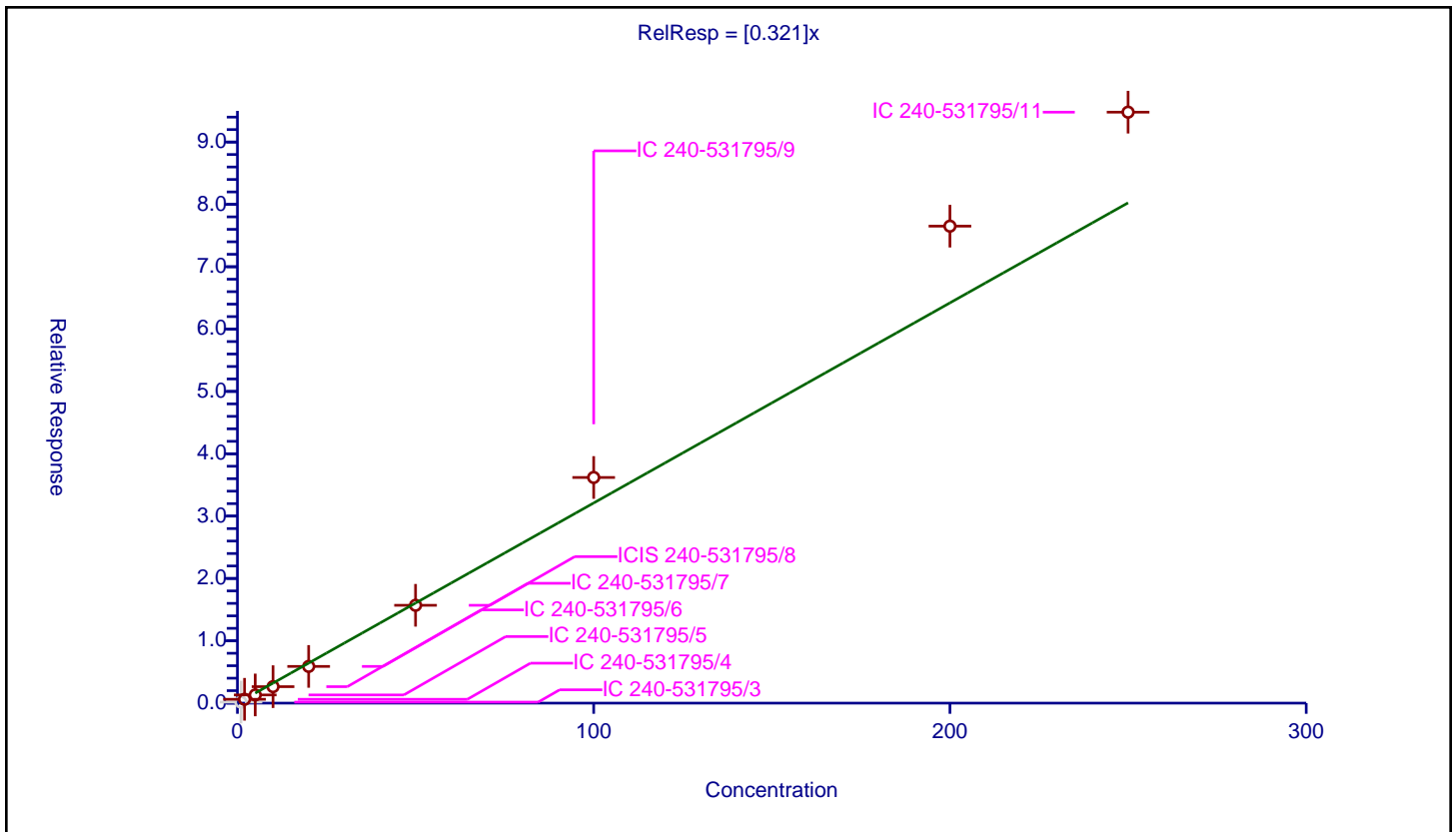
/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.321

Error Coefficients	
Standard Error:	294000
Relative Standard Error:	15.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.162552	60.65	406691.0	0.162552	N
2	IC 240-531795/4	2.0	0.618788	60.65	400878.0	0.309394	Y
3	IC 240-531795/5	5.0	1.313517	60.65	404205.0	0.262703	Y
4	IC 240-531795/6	10.0	2.641182	60.65	408745.0	0.264118	Y
5	IC 240-531795/7	20.0	5.887646	60.65	399080.0	0.294382	Y
6	ICIS 240-531795/8	50.0	15.692021	60.65	407725.0	0.31384	Y
7	IC 240-531795/9	100.0	36.198028	60.65	384614.0	0.36198	Y
8	IC 240-531795/10	200.0	76.508938	60.65	366567.0	0.382545	Y
9	IC 240-531795/11	250.0	94.793422	60.65	366155.0	0.379174	Y



Calibration

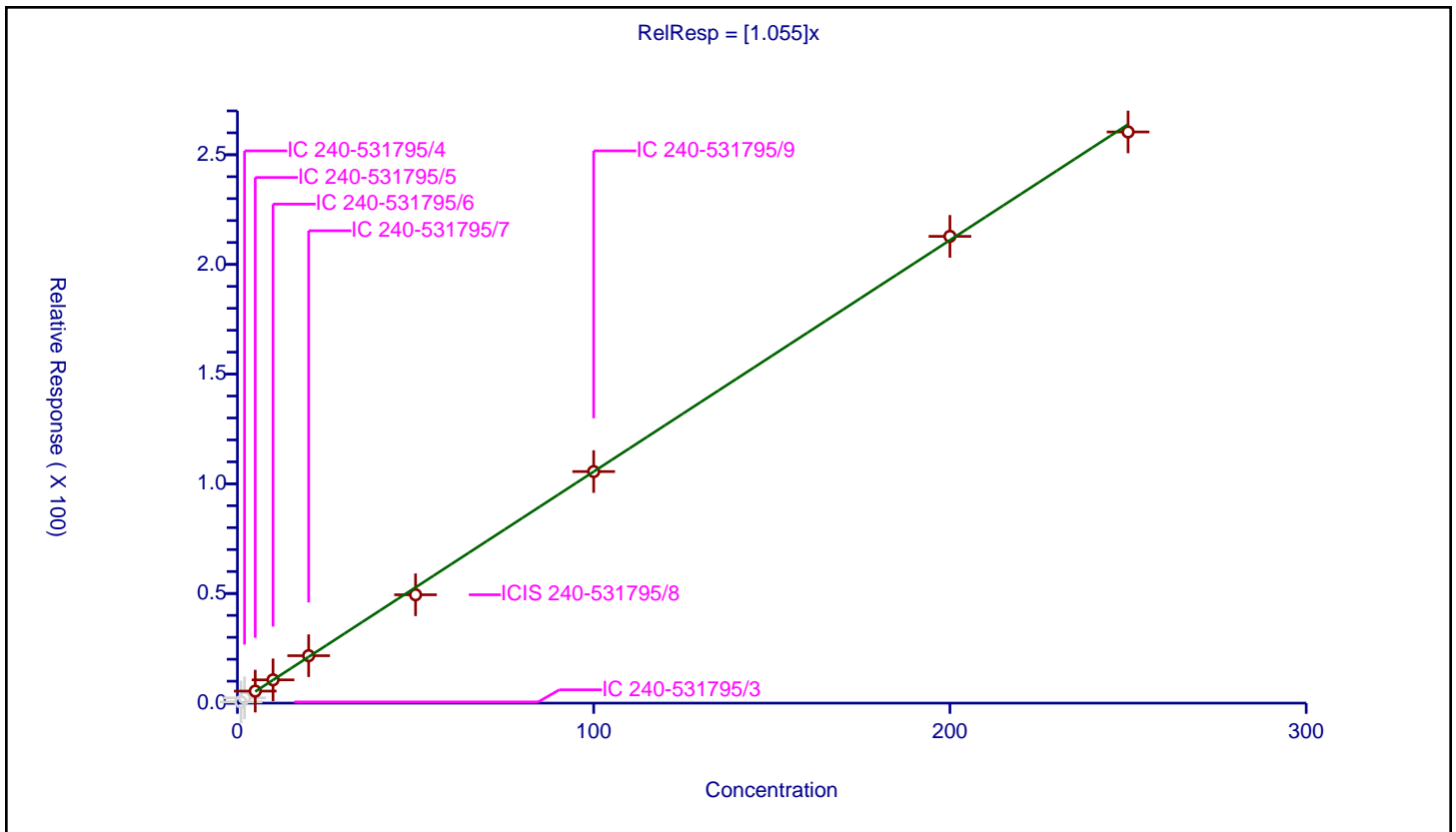
/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.055

Error Coefficients	
Standard Error:	886000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.544177	60.65	406691.0	0.544177	N
2	IC 240-531795/4	2.0	2.395118	60.65	400878.0	1.197559	N
3	IC 240-531795/5	5.0	5.48079	60.65	404205.0	1.096158	Y
4	IC 240-531795/6	10.0	10.609836	60.65	408745.0	1.060984	Y
5	IC 240-531795/7	20.0	21.622178	60.65	399080.0	1.081109	Y
6	ICIS 240-531795/8	50.0	49.401803	60.65	407725.0	0.988036	Y
7	IC 240-531795/9	100.0	105.565635	60.65	384614.0	1.055656	Y
8	IC 240-531795/10	200.0	212.804039	60.65	366567.0	1.06402	Y
9	IC 240-531795/11	250.0	260.390589	60.65	366155.0	1.041562	Y



Calibration

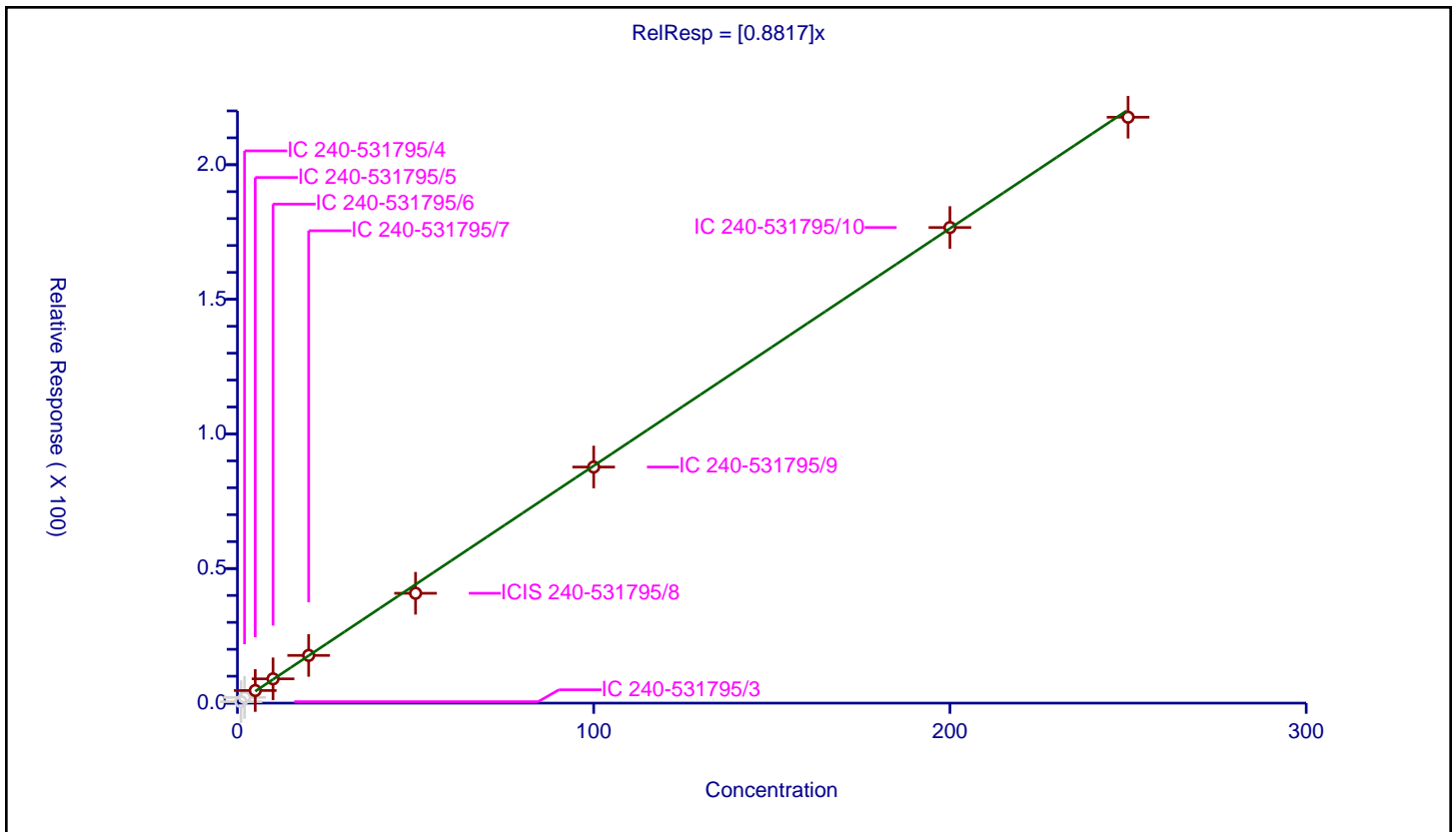
/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8817

Error Coefficients	
Standard Error:	738000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.53687	60.65	406691.0	0.53687	N
2	IC 240-531795/4	2.0	2.100097	60.65	400878.0	1.050048	N
3	IC 240-531795/5	5.0	4.680285	60.65	404205.0	0.936057	Y
4	IC 240-531795/6	10.0	9.021863	60.65	408745.0	0.902186	Y
5	IC 240-531795/7	20.0	17.722967	60.65	399080.0	0.886148	Y
6	ICIS 240-531795/8	50.0	40.808982	60.65	407725.0	0.81618	Y
7	IC 240-531795/9	100.0	87.701186	60.65	384614.0	0.877012	Y
8	IC 240-531795/10	200.0	176.678137	60.65	366567.0	0.883391	Y
9	IC 240-531795/11	250.0	217.65044	60.65	366155.0	0.870602	Y



Calibration

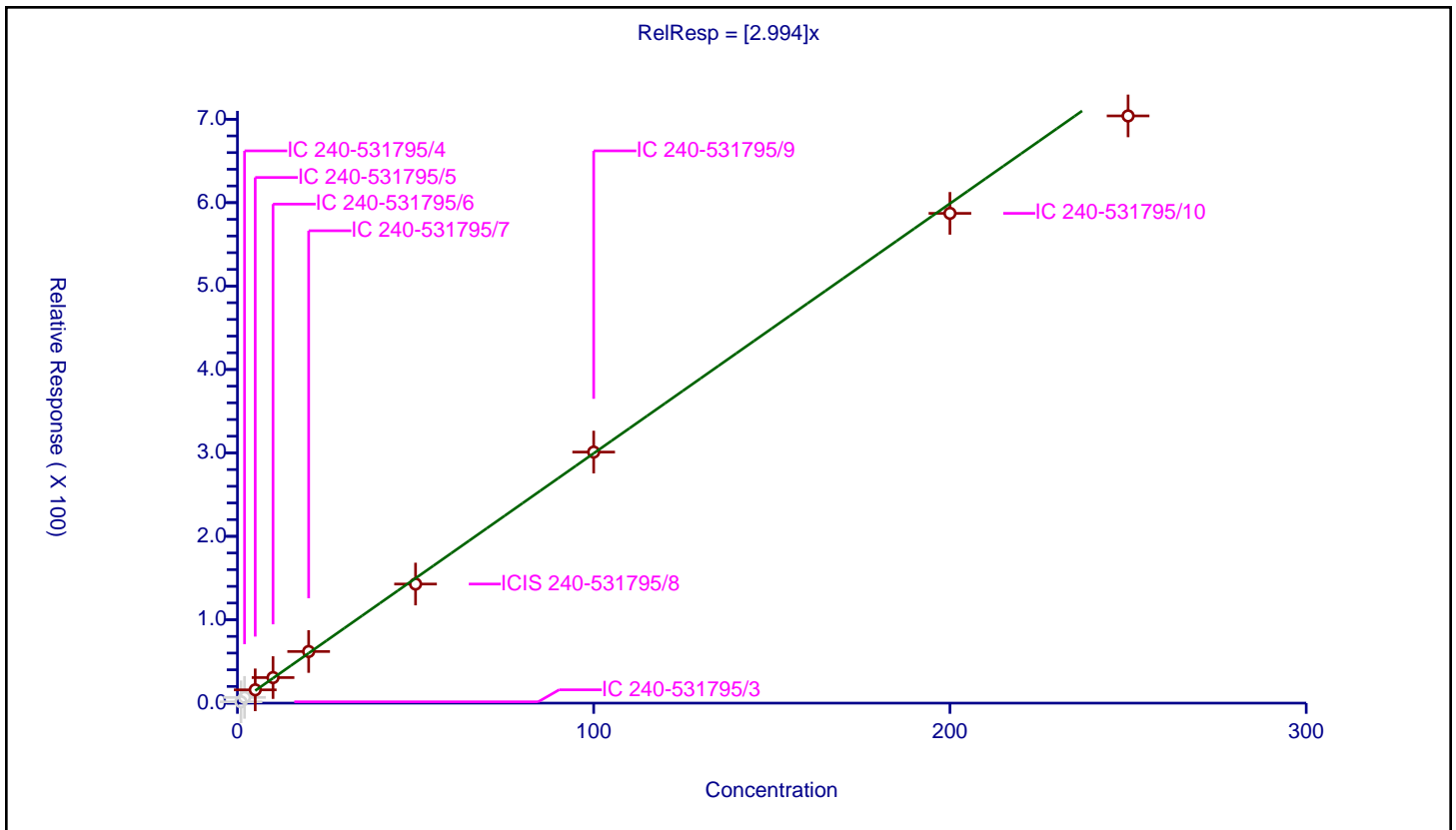
/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.994

Error Coefficients	
Standard Error:	2430000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.573326	60.65	406691.0	1.573326	N
2	IC 240-531795/4	2.0	6.858108	60.65	400878.0	3.429054	N
3	IC 240-531795/5	5.0	15.925155	60.65	404205.0	3.185031	Y
4	IC 240-531795/6	10.0	30.639048	60.65	408745.0	3.063905	Y
5	IC 240-531795/7	20.0	61.89376	60.65	399080.0	3.094688	Y
6	ICIS 240-531795/8	50.0	142.783094	60.65	407725.0	2.855662	Y
7	IC 240-531795/9	100.0	300.967587	60.65	384614.0	3.009676	Y
8	IC 240-531795/10	200.0	587.177282	60.65	366567.0	2.935886	Y
9	IC 240-531795/11	250.0	703.980934	60.65	366155.0	2.815924	Y



Calibration

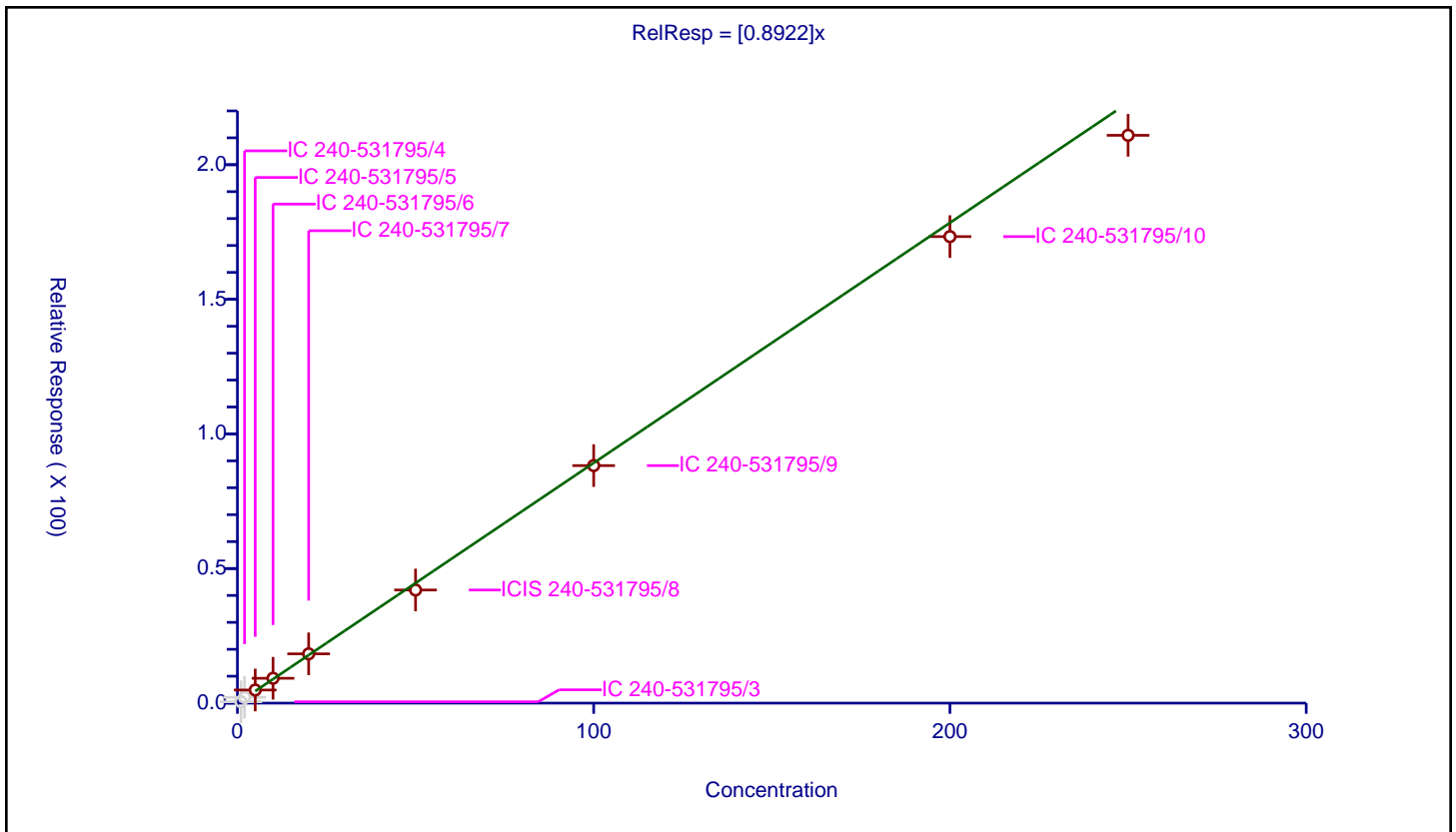
/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8922

Error Coefficients	
Standard Error:	722000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.496455	60.65	406691.0	0.496455	N
2	IC 240-531795/4	2.0	2.153049	60.65	400878.0	1.076525	N
3	IC 240-531795/5	5.0	4.868595	60.65	404205.0	0.973719	Y
4	IC 240-531795/6	10.0	9.230783	60.65	408745.0	0.923078	Y
5	IC 240-531795/7	20.0	18.305789	60.65	399080.0	0.915289	Y
6	ICIS 240-531795/8	50.0	42.019677	60.65	407725.0	0.840394	Y
7	IC 240-531795/9	100.0	88.237019	60.65	384614.0	0.88237	Y
8	IC 240-531795/10	200.0	173.306514	60.65	366567.0	0.866533	Y
9	IC 240-531795/11	250.0	210.931575	60.65	366155.0	0.843726	Y



Calibration

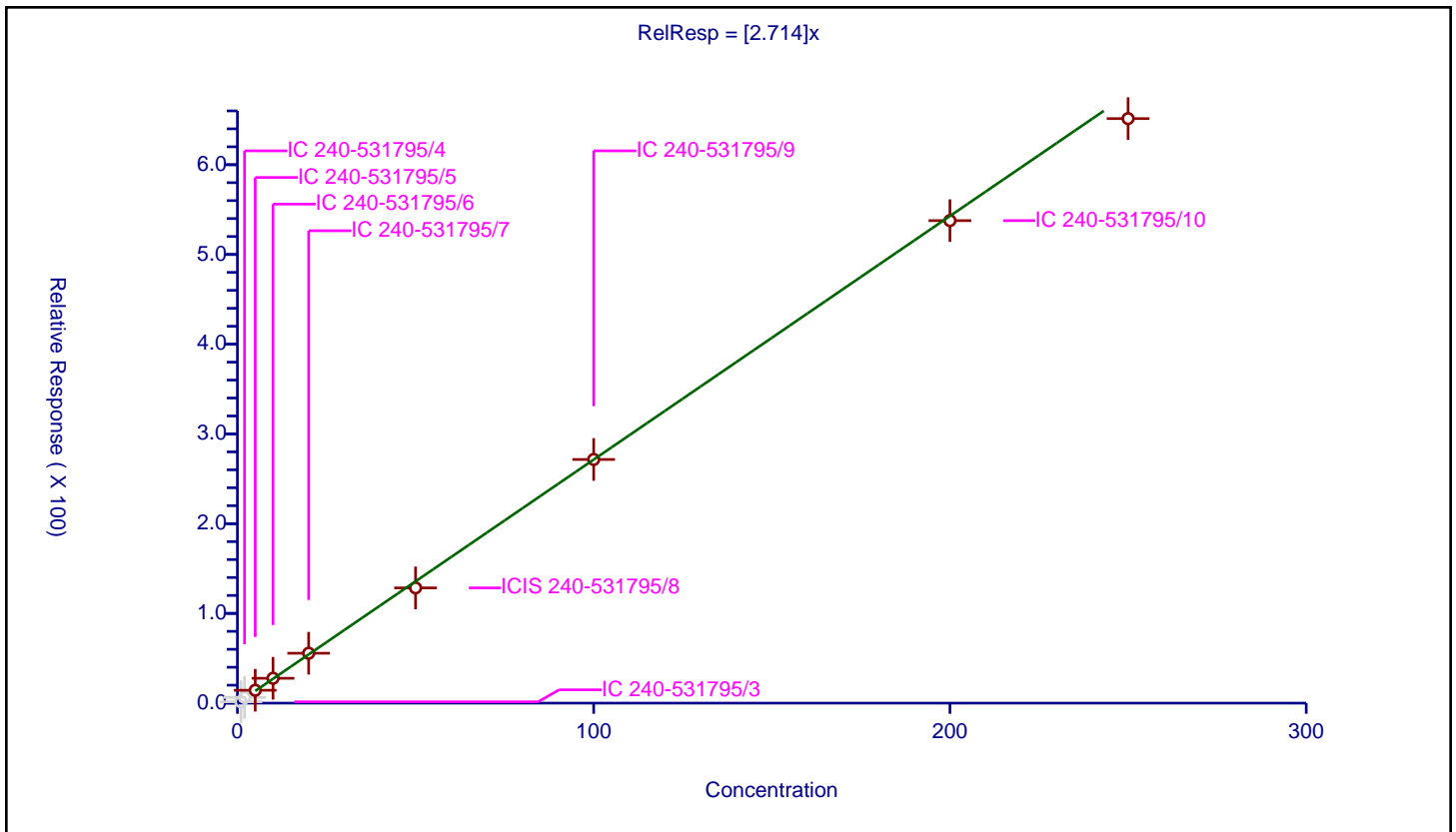
/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.714

Error Coefficients	
Standard Error:	2230000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.498612	60.65	406691.0	1.498612	N
2	IC 240-531795/4	2.0	6.368524	60.65	400878.0	3.184262	N
3	IC 240-531795/5	5.0	14.346654	60.65	404205.0	2.869331	Y
4	IC 240-531795/6	10.0	27.710452	60.65	408745.0	2.771045	Y
5	IC 240-531795/7	20.0	55.59791	60.65	399080.0	2.779896	Y
6	ICIS 240-531795/8	50.0	128.41467	60.65	407725.0	2.568293	Y
7	IC 240-531795/9	100.0	271.529754	60.65	384614.0	2.715298	Y
8	IC 240-531795/10	200.0	537.725709	60.65	366567.0	2.688629	Y
9	IC 240-531795/11	250.0	651.393638	60.65	366155.0	2.605575	Y



Calibration

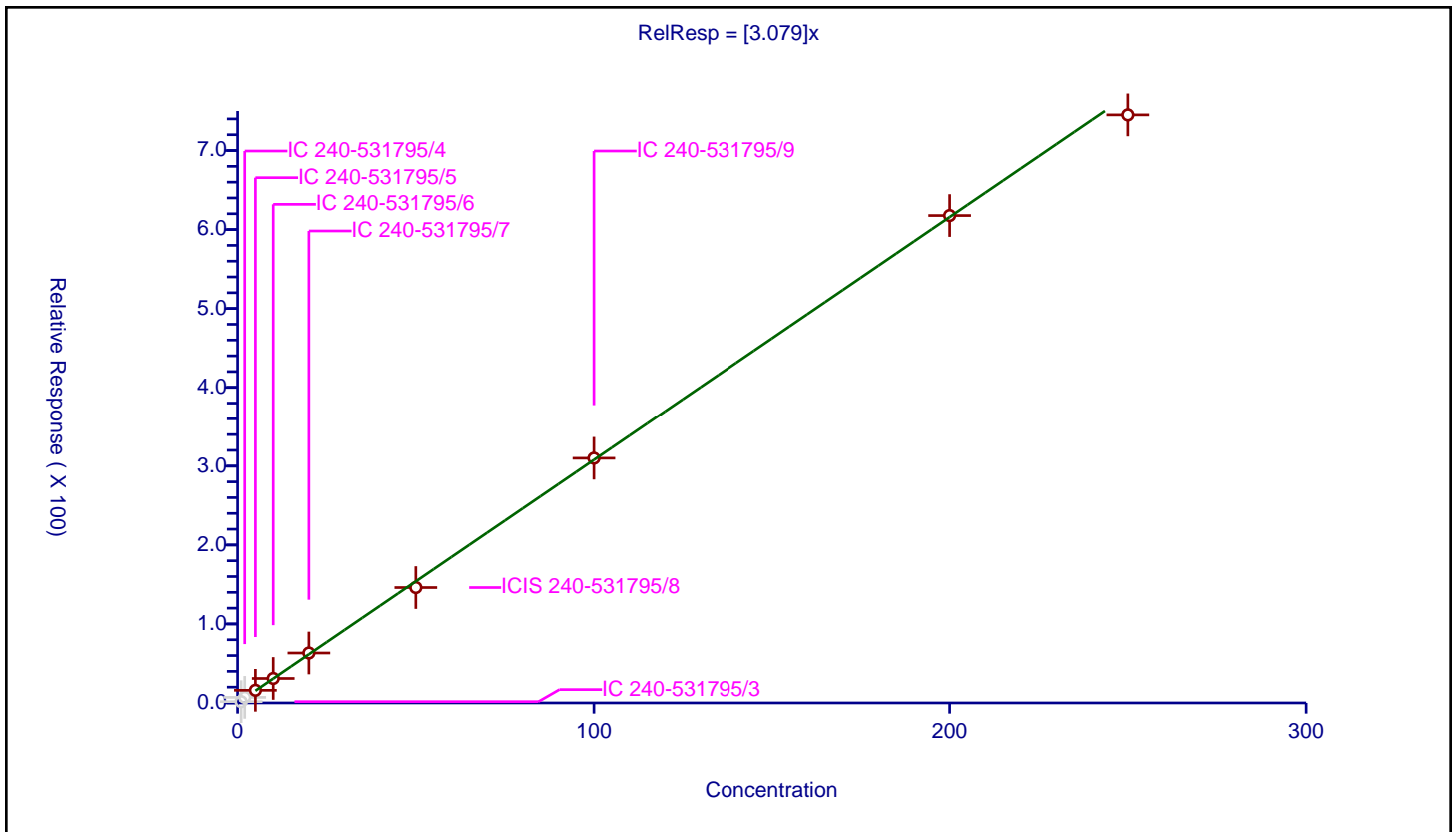
/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.079

Error Coefficients	
Standard Error:	2560000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.647145	60.65	406691.0	1.647145	N
2	IC 240-531795/4	2.0	7.051763	60.65	400878.0	3.525881	N
3	IC 240-531795/5	5.0	16.019234	60.65	404205.0	3.203847	Y
4	IC 240-531795/6	10.0	30.984479	60.65	408745.0	3.098448	Y
5	IC 240-531795/7	20.0	63.235999	60.65	399080.0	3.1618	Y
6	ICIS 240-531795/8	50.0	146.054304	60.65	407725.0	2.921086	Y
7	IC 240-531795/9	100.0	309.973295	60.65	384614.0	3.099733	Y
8	IC 240-531795/10	200.0	617.754516	60.65	366567.0	3.088773	Y
9	IC 240-531795/11	250.0	745.107251	60.65	366155.0	2.980429	Y



Calibration

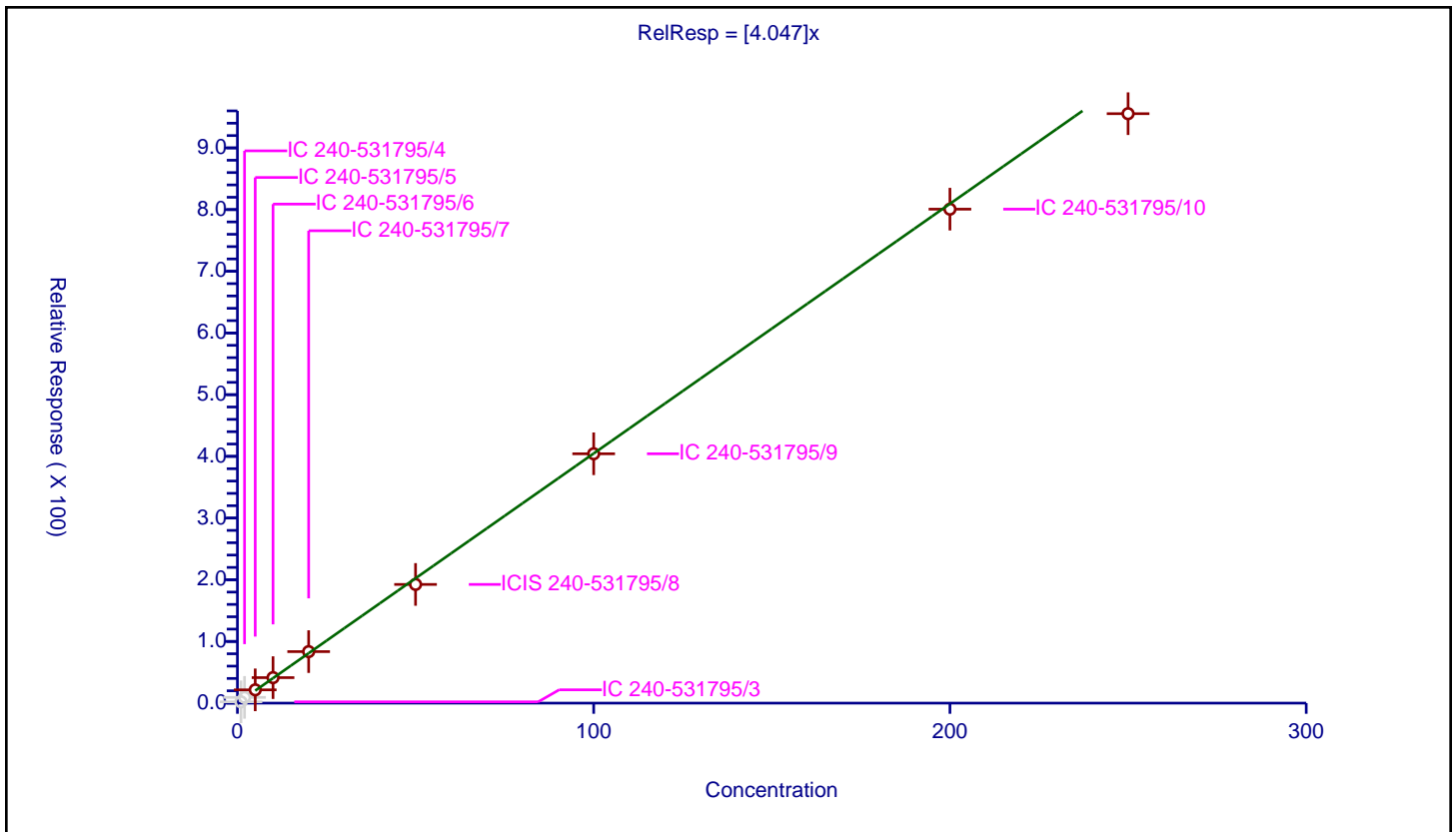
/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.047

Error Coefficients	
Standard Error:	3300000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	2.084247	60.65	406691.0	2.084247	N
2	IC 240-531795/4	2.0	9.28999	60.65	400878.0	4.644995	N
3	IC 240-531795/5	5.0	21.513078	60.65	404205.0	4.302616	Y
4	IC 240-531795/6	10.0	41.358538	60.65	408745.0	4.135854	Y
5	IC 240-531795/7	20.0	83.501348	60.65	399080.0	4.175067	Y
6	ICIS 240-531795/8	50.0	192.402521	60.65	407725.0	3.84805	Y
7	IC 240-531795/9	100.0	404.202398	60.65	384614.0	4.042024	Y
8	IC 240-531795/10	200.0	800.674574	60.65	366567.0	4.003373	Y
9	IC 240-531795/11	250.0	955.482937	60.65	366155.0	3.821932	Y



Calibration

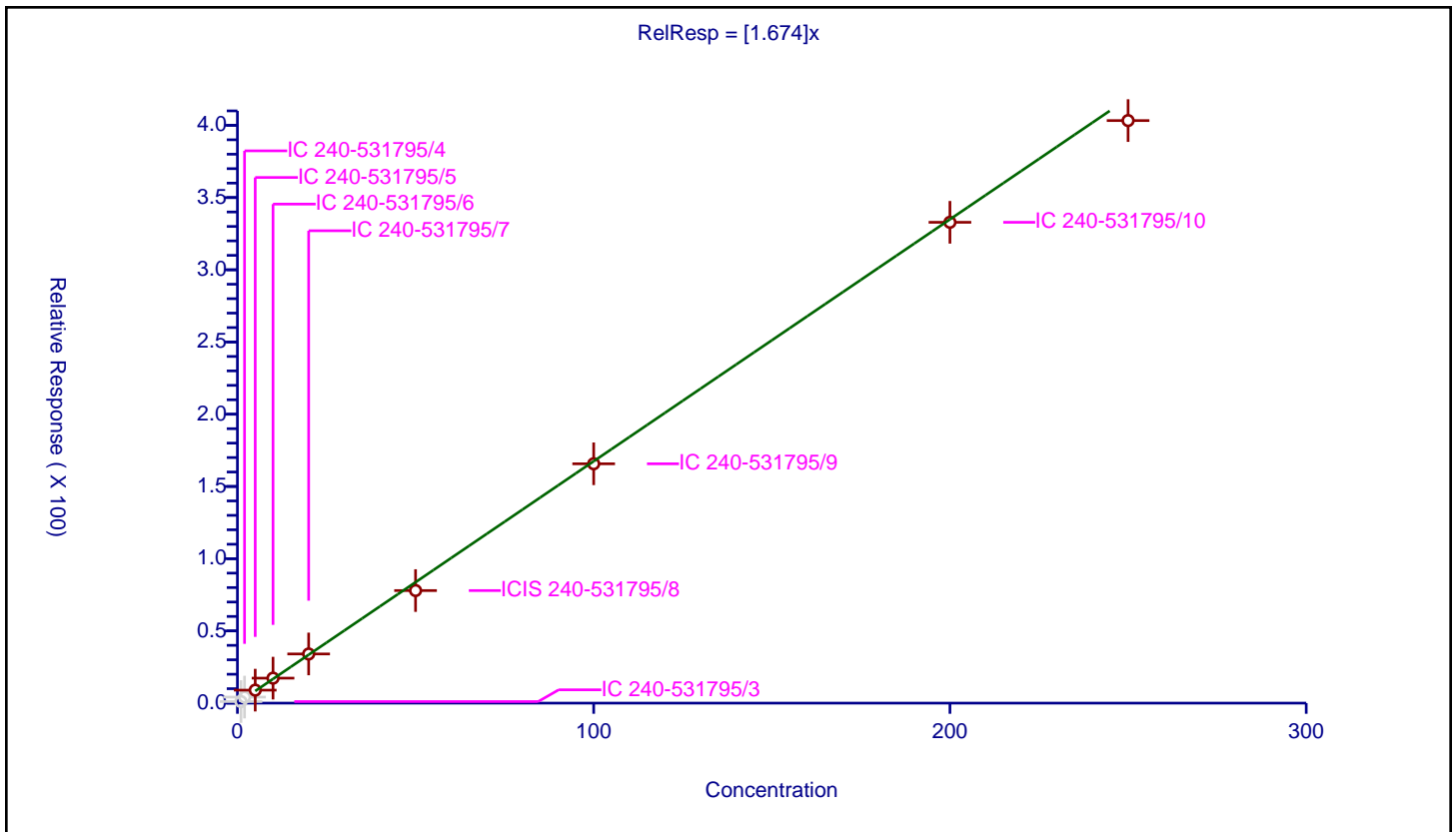
/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.674

Error Coefficients	
Standard Error:	1380000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.082389	60.65	406691.0	1.082389	N
2	IC 240-531795/4	2.0	4.175079	60.65	400878.0	2.08754	N
3	IC 240-531795/5	5.0	8.981101	60.65	404205.0	1.79622	Y
4	IC 240-531795/6	10.0	17.304195	60.65	408745.0	1.730419	Y
5	IC 240-531795/7	20.0	34.036674	60.65	399080.0	1.701834	Y
6	ICIS 240-531795/8	50.0	77.928017	60.65	407725.0	1.55856	Y
7	IC 240-531795/9	100.0	165.690999	60.65	384614.0	1.65691	Y
8	IC 240-531795/10	200.0	332.88001	60.65	366567.0	1.6644	Y
9	IC 240-531795/11	250.0	403.287923	60.65	366155.0	1.613152	Y



Calibration

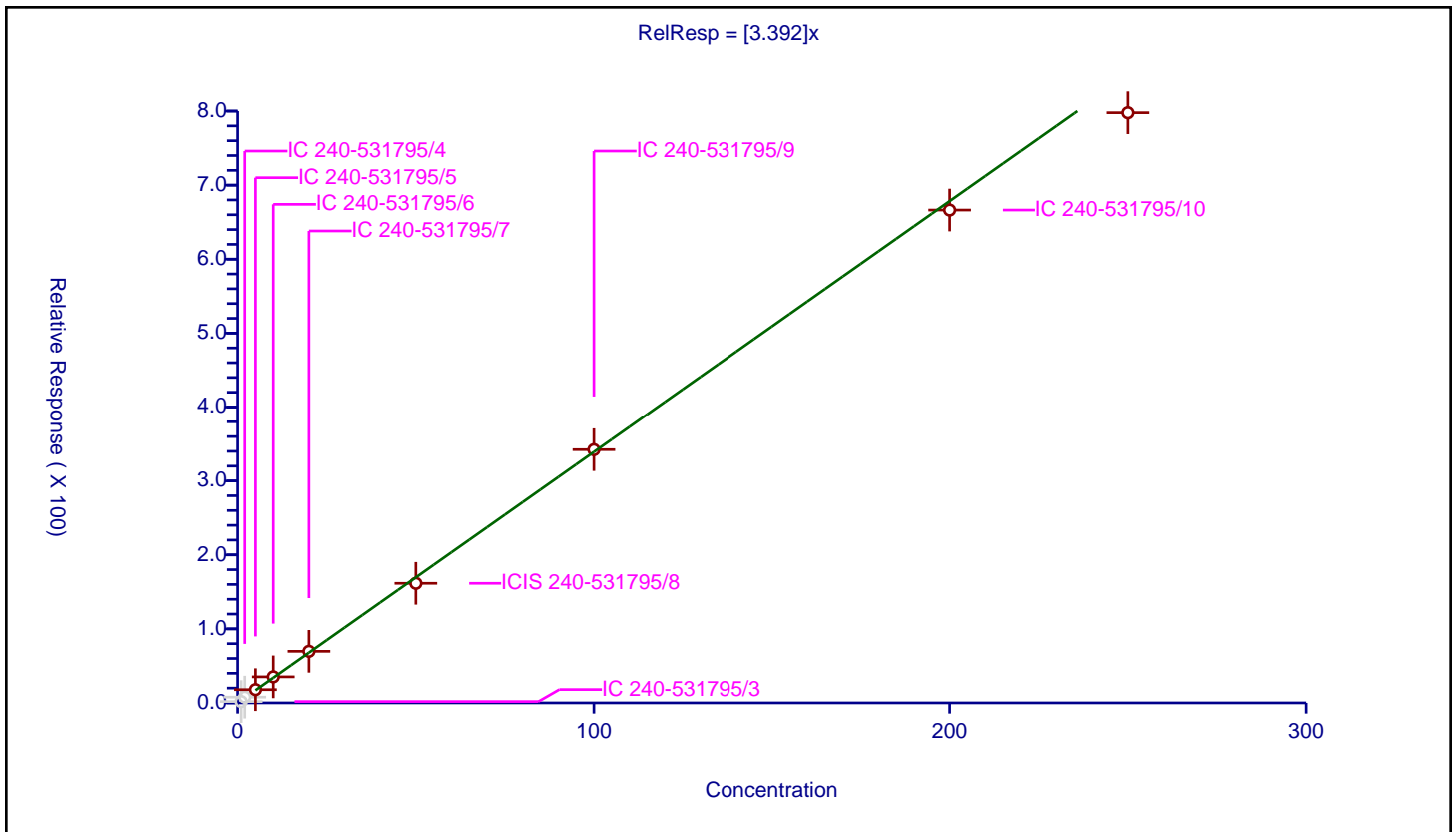
/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.392

Error Coefficients	
Standard Error:	2760000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.824312	60.65	406691.0	1.824312	N
2	IC 240-531795/4	2.0	7.794308	60.65	400878.0	3.897154	N
3	IC 240-531795/5	5.0	17.846364	60.65	404205.0	3.569273	Y
4	IC 240-531795/6	10.0	35.159328	60.65	408745.0	3.515933	Y
5	IC 240-531795/7	20.0	69.651604	60.65	399080.0	3.48258	Y
6	ICIS 240-531795/8	50.0	161.551756	60.65	407725.0	3.231035	Y
7	IC 240-531795/9	100.0	342.284092	60.65	384614.0	3.422841	Y
8	IC 240-531795/10	200.0	666.371704	60.65	366567.0	3.331859	Y
9	IC 240-531795/11	250.0	797.78714	60.65	366155.0	3.191149	Y



Calibration

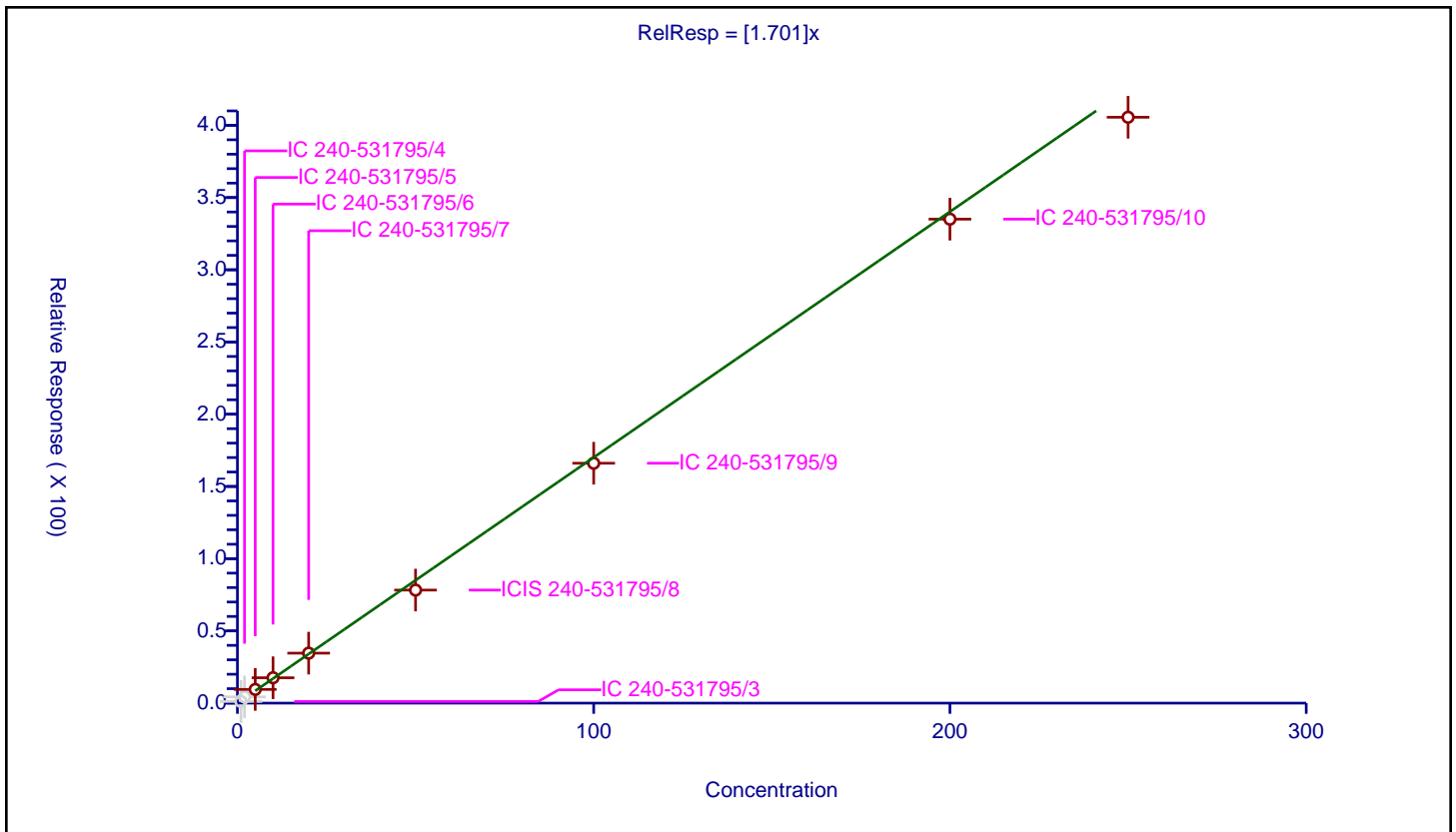
/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.701

Error Coefficients	
Standard Error:	1390000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.125786	60.65	406691.0	1.125786	N
2	IC 240-531795/4	2.0	4.307158	60.65	400878.0	2.153579	N
3	IC 240-531795/5	5.0	9.481659	60.65	404205.0	1.896332	Y
4	IC 240-531795/6	10.0	17.568461	60.65	408745.0	1.756846	Y
5	IC 240-531795/7	20.0	34.596093	60.65	399080.0	1.729805	Y
6	ICIS 240-531795/8	50.0	78.259586	60.65	407725.0	1.565192	Y
7	IC 240-531795/9	100.0	166.080967	60.65	384614.0	1.66081	Y
8	IC 240-531795/10	200.0	335.039848	60.65	366567.0	1.675199	Y
9	IC 240-531795/11	250.0	405.585684	60.65	366155.0	1.622343	Y



Calibration

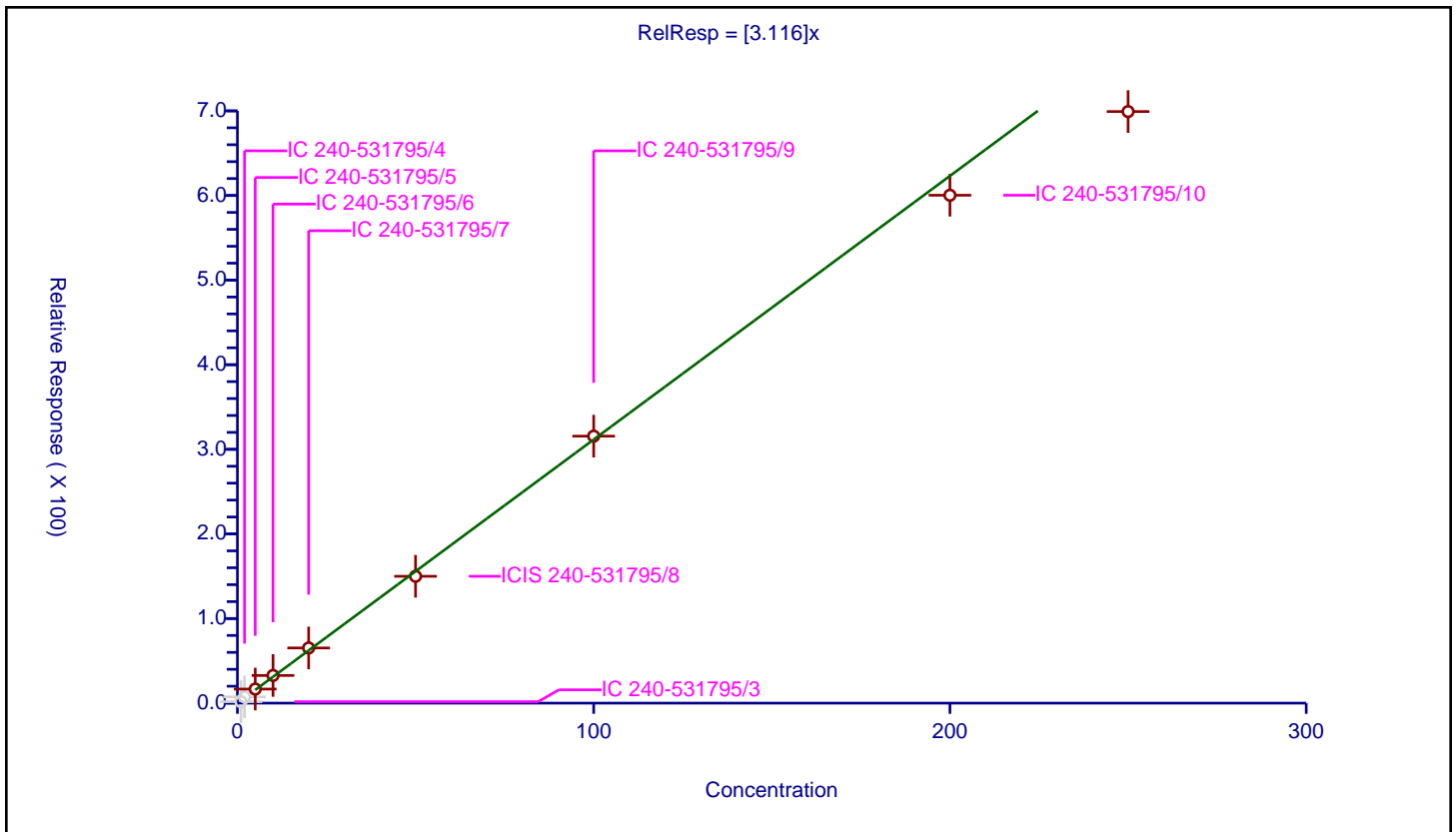
/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.116

Error Coefficients	
Standard Error:	2460000
Relative Standard Error:	6.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.695464	60.65	406691.0	1.695464	N
2	IC 240-531795/4	2.0	7.361005	60.65	400878.0	3.680503	N
3	IC 240-531795/5	5.0	16.644333	60.65	404205.0	3.328867	Y
4	IC 240-531795/6	10.0	32.688784	60.65	408745.0	3.268878	Y
5	IC 240-531795/7	20.0	65.200118	60.65	399080.0	3.260006	Y
6	ICIS 240-531795/8	50.0	149.911151	60.65	407725.0	2.998223	Y
7	IC 240-531795/9	100.0	315.558853	60.65	384614.0	3.155589	Y
8	IC 240-531795/10	200.0	600.290674	60.65	366567.0	3.001453	Y
9	IC 240-531795/11	250.0	699.226563	60.65	366155.0	2.796906	Y



Calibration

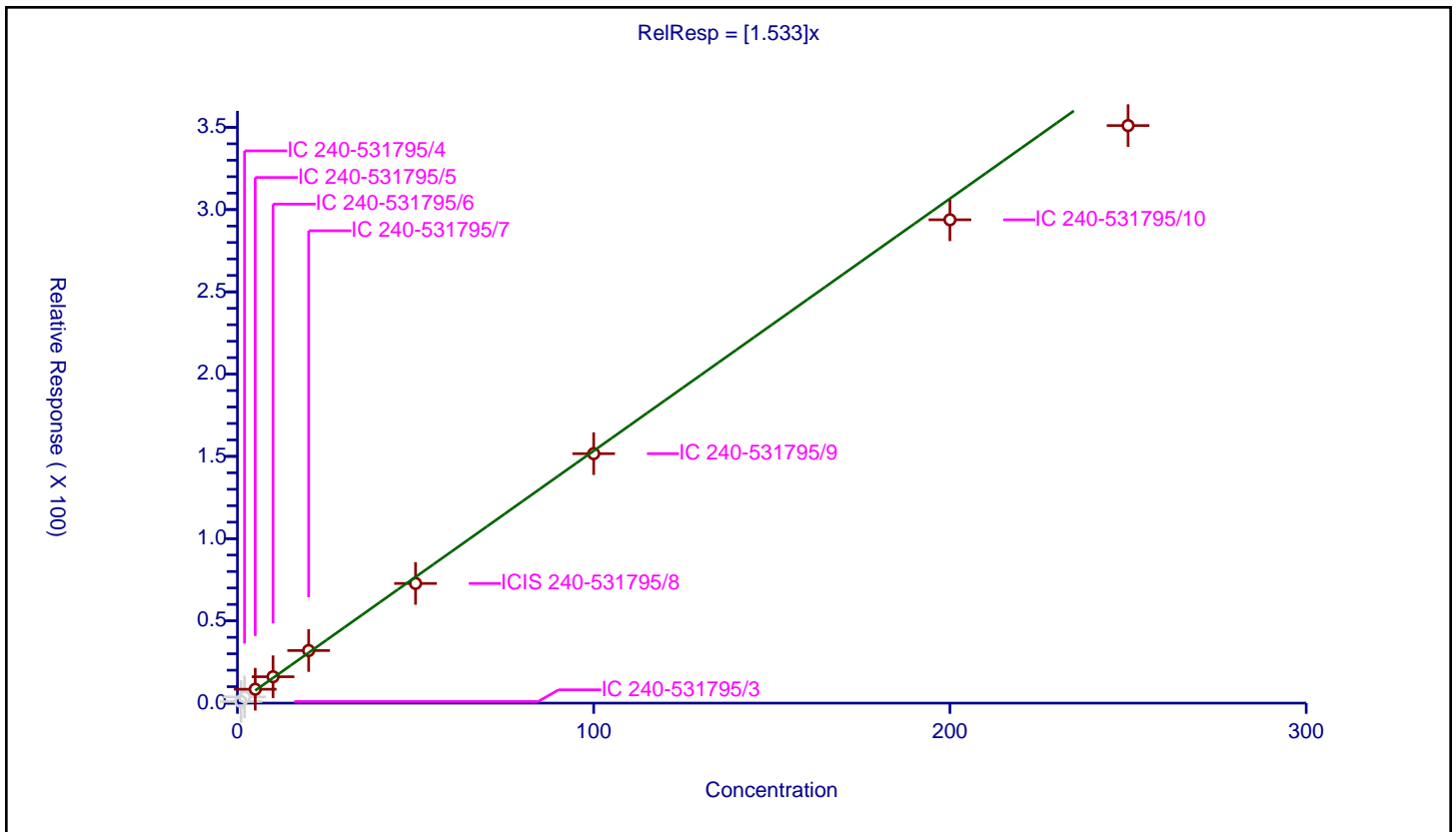
/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.533

Error Coefficients	
Standard Error:	1220000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.980533	60.65	406691.0	0.980533	N
2	IC 240-531795/4	2.0	3.77733	60.65	400878.0	1.888665	N
3	IC 240-531795/5	5.0	8.438828	60.65	404205.0	1.687766	Y
4	IC 240-531795/6	10.0	16.031679	60.65	408745.0	1.603168	Y
5	IC 240-531795/7	20.0	31.962982	60.65	399080.0	1.598149	Y
6	ICIS 240-531795/8	50.0	72.742217	60.65	407725.0	1.454844	Y
7	IC 240-531795/9	100.0	151.633515	60.65	384614.0	1.516335	Y
8	IC 240-531795/10	200.0	293.816637	60.65	366567.0	1.469083	Y
9	IC 240-531795/11	250.0	351.076796	60.65	366155.0	1.404307	Y



Calibration

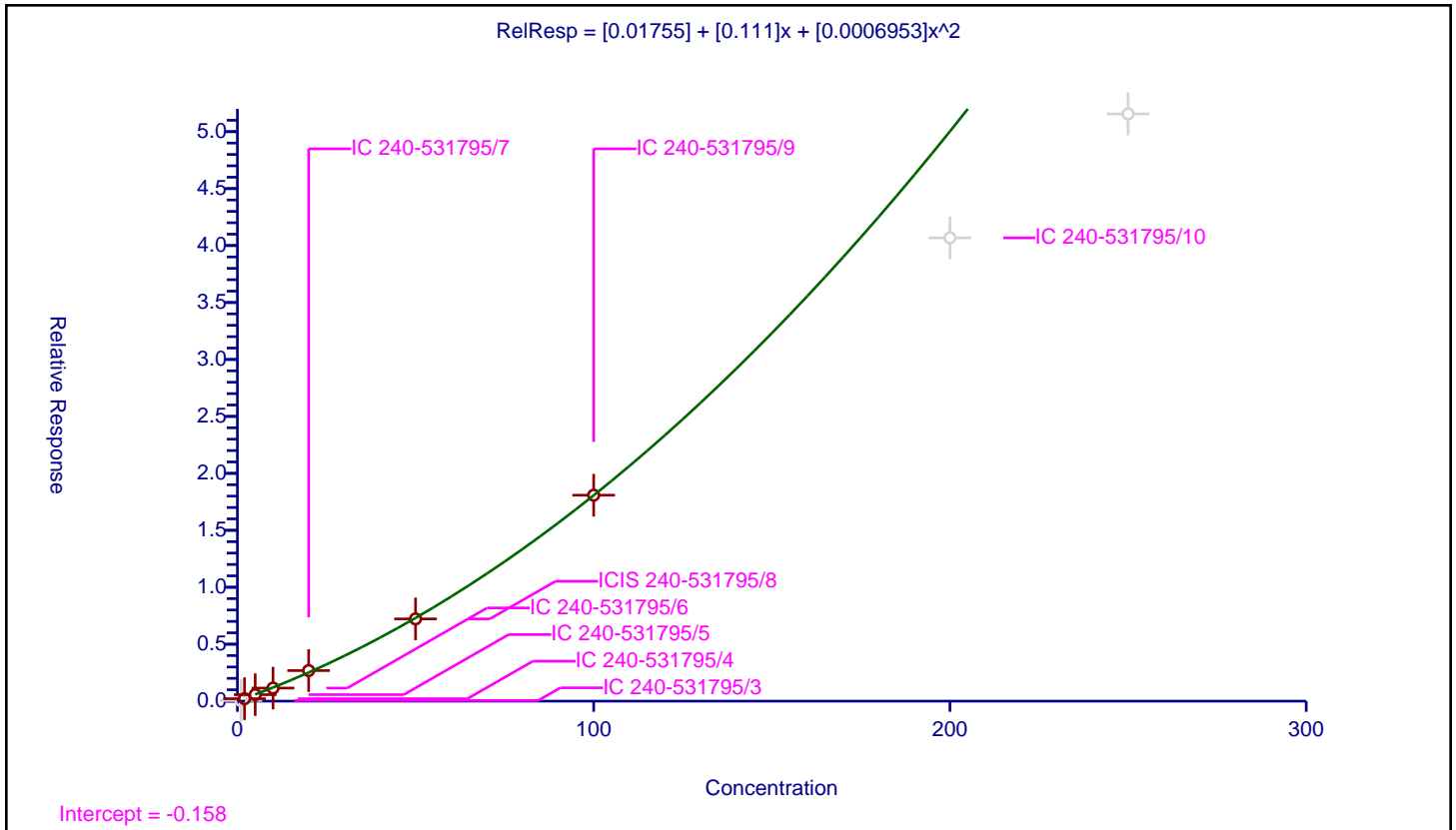
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Quadratic
 Weighting: None
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.01755
Slope:	0.111
Second Order:	0.0006953

Error Coefficients	
Standard Error:	72800
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.055178	60.65	406691.0	0.055178	N
2	IC 240-531795/4	2.0	0.21302	60.65	400878.0	0.10651	Y
3	IC 240-531795/5	5.0	0.569581	60.65	404205.0	0.113916	Y
4	IC 240-531795/6	10.0	1.146689	60.65	408745.0	0.114669	Y
5	IC 240-531795/7	20.0	2.683263	60.65	399080.0	0.134163	Y
6	ICIS 240-531795/8	50.0	7.220582	60.65	407725.0	0.144412	Y
7	IC 240-531795/9	100.0	18.08222	60.65	384614.0	0.180822	Y
8	IC 240-531795/10	200.0	40.676385	60.65	366567.0	0.203382	N
9	IC 240-531795/11	250.0	51.556517	60.65	366155.0	0.206226	N



Calibration

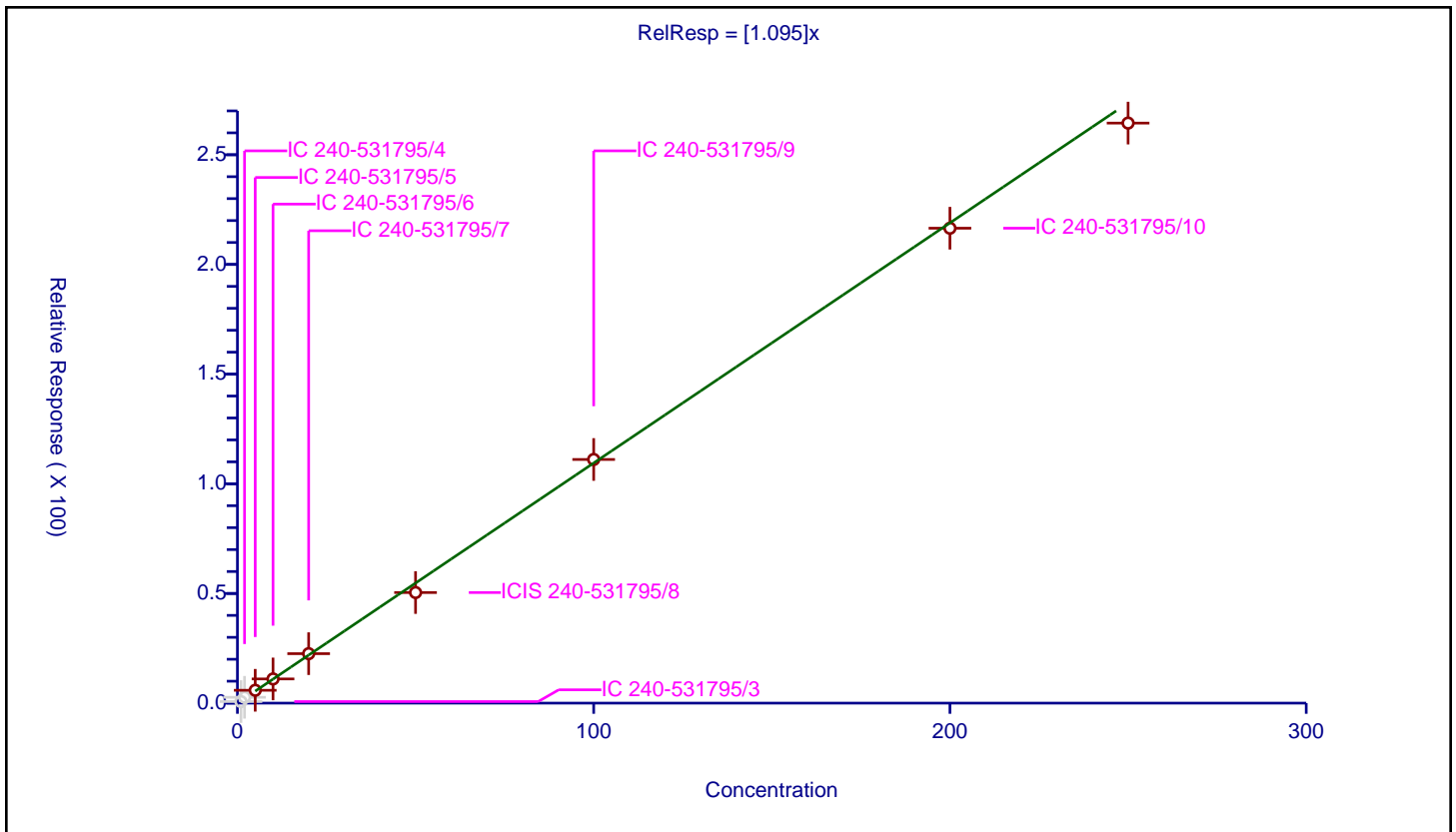
/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.095

Error Coefficients	
Standard Error:	904000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.706133	60.65	406691.0	0.706133	N
2	IC 240-531795/4	2.0	2.670925	60.65	400878.0	1.335463	N
3	IC 240-531795/5	5.0	5.863111	60.65	404205.0	1.172622	Y
4	IC 240-531795/6	10.0	11.027677	60.65	408745.0	1.102768	Y
5	IC 240-531795/7	20.0	22.552414	60.65	399080.0	1.127621	Y
6	ICIS 240-531795/8	50.0	50.417632	60.65	407725.0	1.008353	Y
7	IC 240-531795/9	100.0	111.086067	60.65	384614.0	1.110861	Y
8	IC 240-531795/10	200.0	216.510376	60.65	366567.0	1.082552	Y
9	IC 240-531795/11	250.0	264.444468	60.65	366155.0	1.057778	Y



Calibration

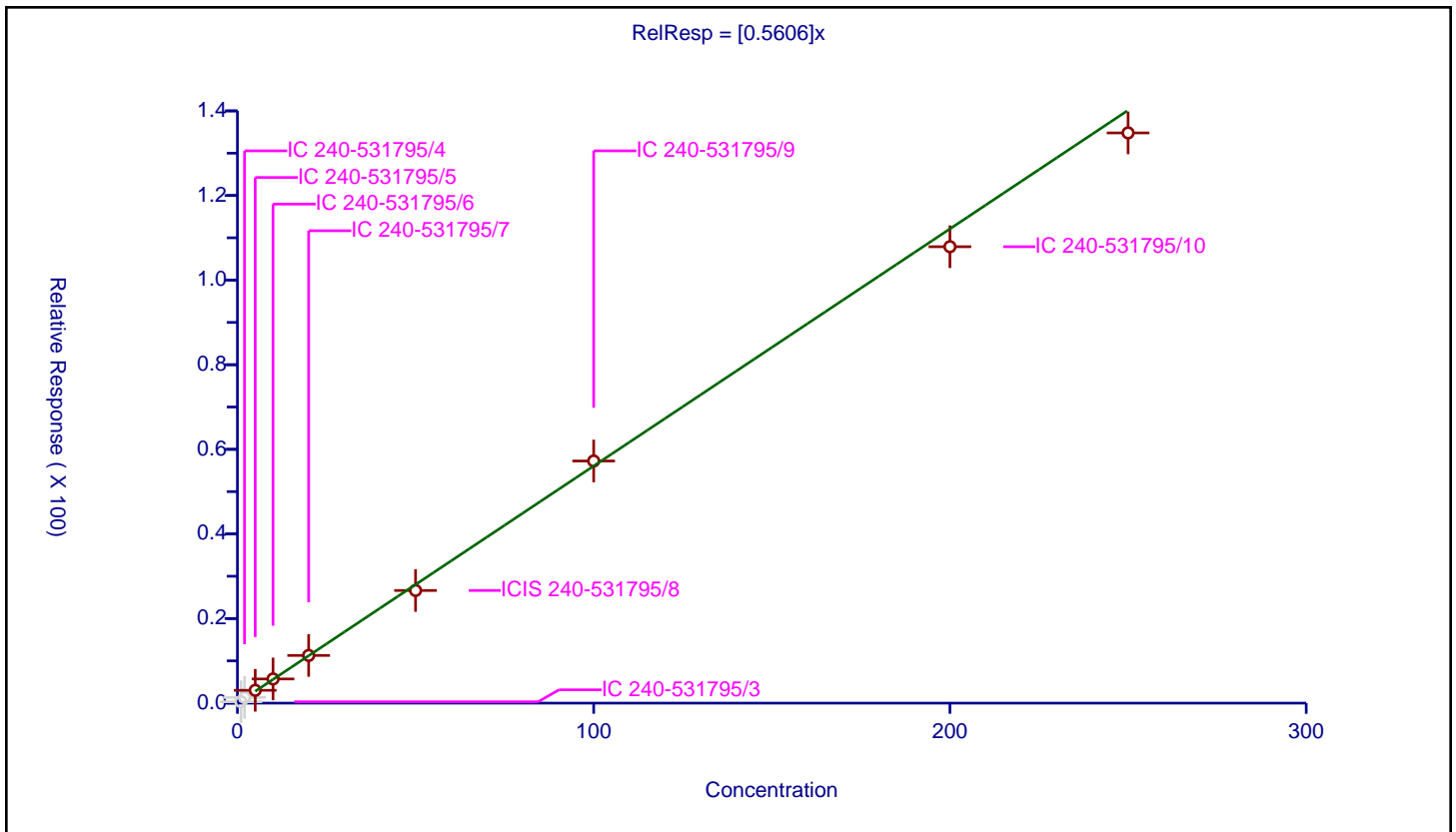
/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5606

Error Coefficients	
Standard Error:	458000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.324806	60.65	406691.0	0.324806	N
2	IC 240-531795/4	2.0	1.338337	60.65	400878.0	0.669169	N
3	IC 240-531795/5	5.0	3.028711	60.65	404205.0	0.605742	Y
4	IC 240-531795/6	10.0	5.711631	60.65	408745.0	0.571163	Y
5	IC 240-531795/7	20.0	11.270432	60.65	399080.0	0.563522	Y
6	ICIS 240-531795/8	50.0	26.629474	60.65	407725.0	0.532589	Y
7	IC 240-531795/9	100.0	57.240099	60.65	384614.0	0.572401	Y
8	IC 240-531795/10	200.0	107.890941	60.65	366567.0	0.539455	Y
9	IC 240-531795/11	250.0	134.795869	60.65	366155.0	0.539183	Y



Calibration

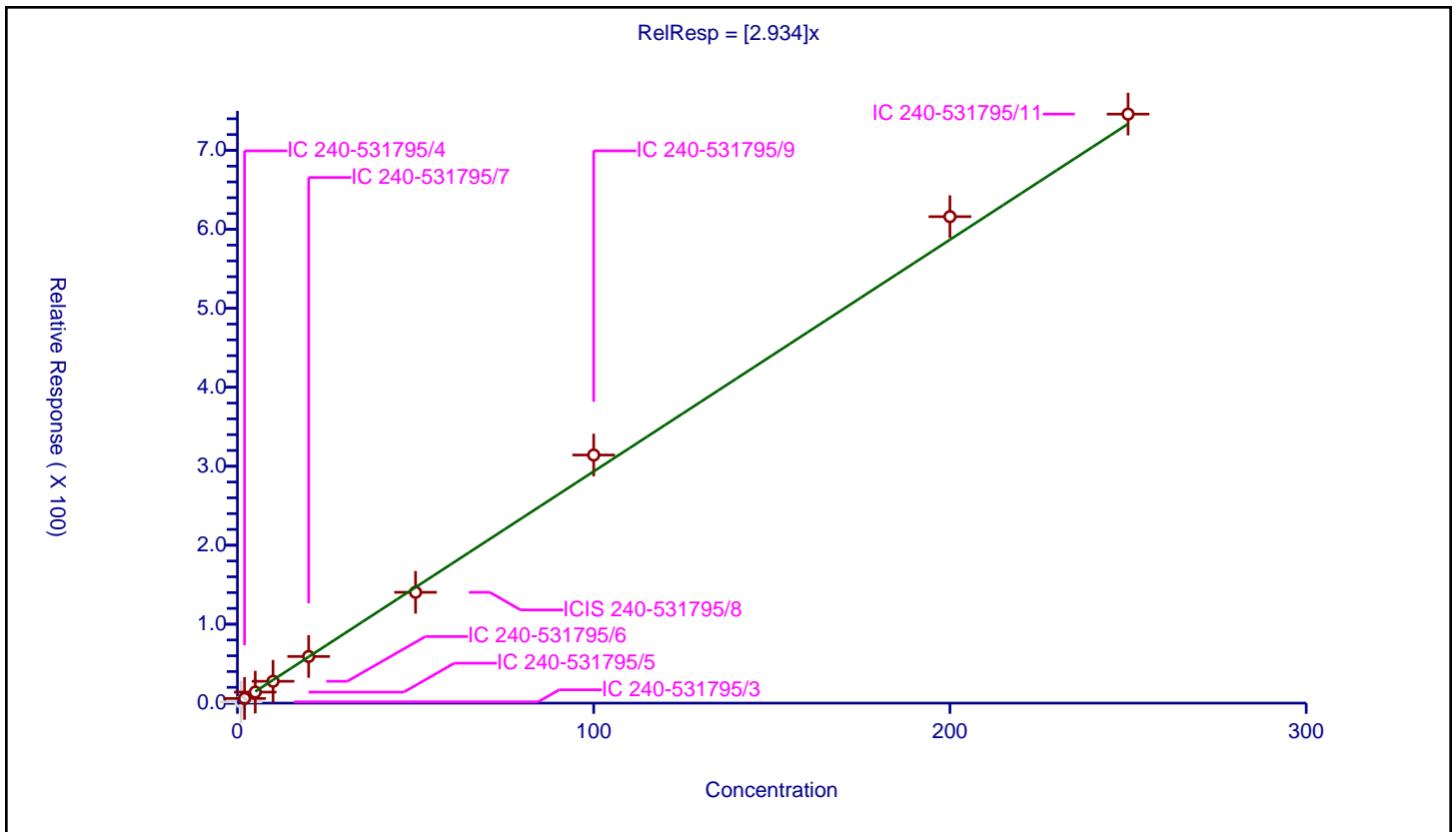
/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.934

Error Coefficients	
Standard Error:	2370000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	1.644461	60.65	406691.0	1.644461	N
2	IC 240-531795/4	2.0	5.882571	60.65	400878.0	2.941286	Y
3	IC 240-531795/5	5.0	13.987289	60.65	404205.0	2.797458	Y
4	IC 240-531795/6	10.0	27.681666	60.65	408745.0	2.768167	Y
5	IC 240-531795/7	20.0	59.078127	60.65	399080.0	2.953906	Y
6	ICIS 240-531795/8	50.0	140.35754	60.65	407725.0	2.807151	Y
7	IC 240-531795/9	100.0	314.182214	60.65	384614.0	3.141822	Y
8	IC 240-531795/10	200.0	616.067381	60.65	366567.0	3.080337	Y
9	IC 240-531795/11	250.0	745.914582	60.65	366155.0	2.983658	Y



Calibration

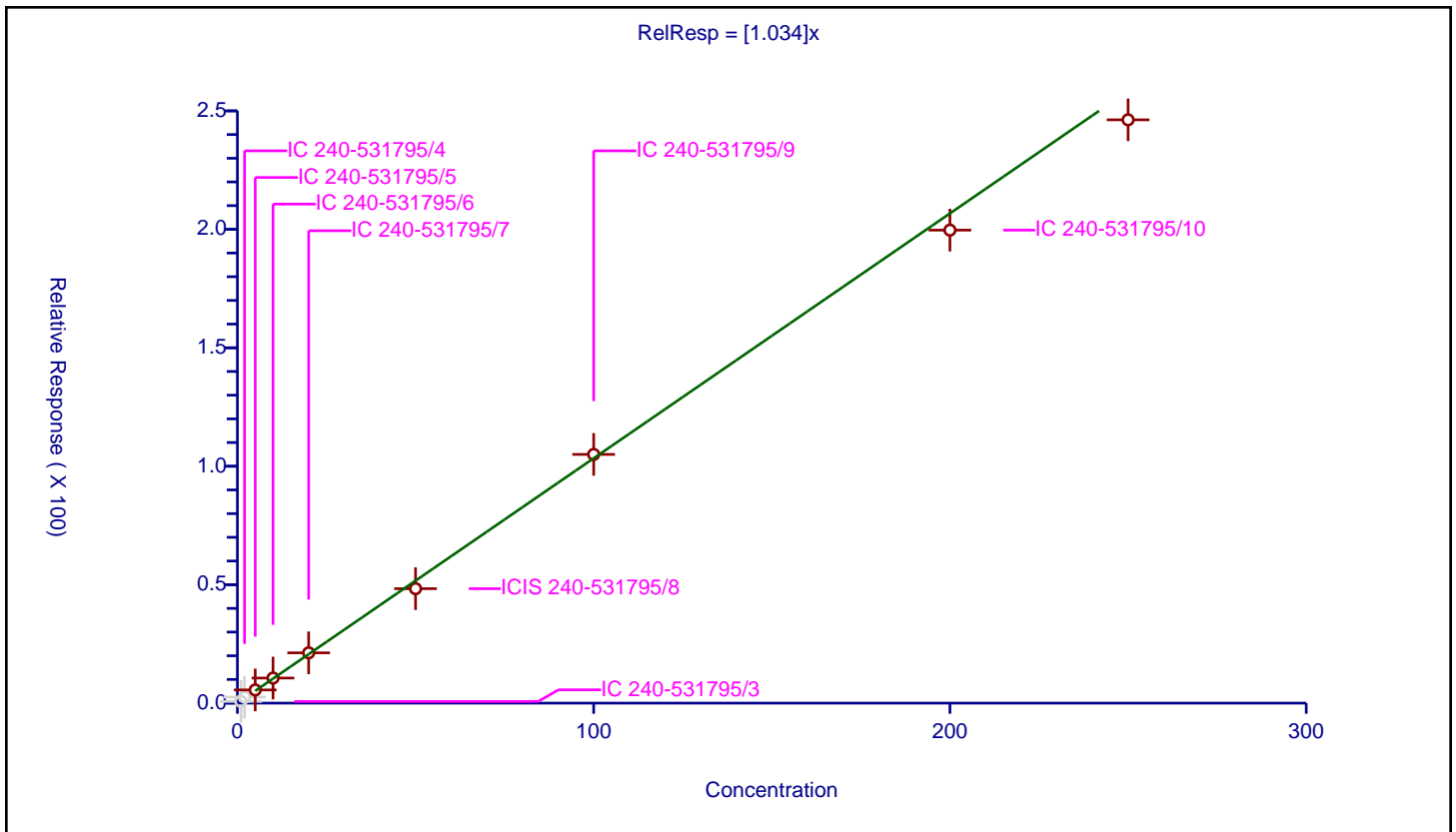
/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.034

Error Coefficients	
Standard Error:	841000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 240-531795/3	1.0	0.704939	60.65	406691.0	0.704939	N
2	IC 240-531795/4	2.0	2.535518	60.65	400878.0	1.267759	N
3	IC 240-531795/5	5.0	5.570518	60.65	404205.0	1.114104	Y
4	IC 240-531795/6	10.0	10.598559	60.65	408745.0	1.059856	Y
5	IC 240-531795/7	20.0	21.232667	60.65	399080.0	1.061633	Y
6	ICIS 240-531795/8	50.0	48.320821	60.65	407725.0	0.966416	Y
7	IC 240-531795/9	100.0	104.988803	60.65	384614.0	1.049888	Y
8	IC 240-531795/10	200.0	199.670792	60.65	366567.0	0.998354	Y
9	IC 240-531795/11	250.0	246.225699	60.65	366155.0	0.984903	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	0.2940 0.3023	0.2828 0.2999	0.3055	0.3017	0.2981	Ave		0.297 8		0.1000	2.5		20.0				
Chloromethane	0.3229 0.3265	0.3099 0.3167	0.3210	0.3216	0.3088	Ave		0.318 2		0.1000	2.1		20.0				
Vinyl chloride	0.3273 0.3350	0.2991 0.3271	0.3309	0.3343	0.3223	Ave		0.325 1		0.1000	3.8		20.0				
Butadiene	0.2915 0.3105	0.2844 0.2939	0.3009	0.2978	0.3008	Ave		0.297 1			2.8		20.0				
Bromomethane	0.2750 0.2397	0.2201 0.2344	0.2093	0.2095	0.2146	Ave		0.229 0		0.0500	10.3		20.0				
Chloroethane	0.1897 0.2342	0.1985 0.2351	0.2183	0.2206	0.2165	Ave		0.216 1		0.0500	7.8		20.0				
Trichlorofluoromethane	0.3563 0.4340	0.3903 0.4318	0.4262	0.4263	0.4255	Ave		0.412 9		0.1000	7.0		20.0				
Dichlorofluoromethane	0.5862 0.5145	0.5295 0.5065	0.5056	0.5053	0.4916	Ave		0.519 9			6.0		20.0				
Ethyl ether	0.1948 0.2087	0.1903 0.2085	0.2086	0.2067	0.1970	Ave		0.202 1			3.9		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2023 0.2379	0.2193 0.2310	0.2346	0.2310	0.2286	Ave		0.226 4		0.0500	5.4		20.0				
Acrolein	0.0694 0.0700	0.0709 0.0676	0.0684	0.0664	0.0649	Ave		0.068 2			3.1		20.0				
1,1-Dichloroethene	0.3574 0.3739	0.3437 0.3615	0.3697	0.3674	0.3590	Ave		0.361 8		0.1000	2.8		20.0				
Acetone	0.1262 0.0442	0.0827 0.0428	0.0440	0.0424	0.0413	Lin1	0.082 1	0.041 6		0.0100	4.4			0.9990		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Iodomethane	0.2446 0.3189	0.2510 0.3114	0.2895	0.3070	0.2985	Ave		0.288 7			10.2		20.0				
Carbon disulfide	0.6974 0.7141	0.6391 0.6891	0.6915	0.7035	0.6838	Ave		0.688 4		0.1000	3.5		20.0				
3-Chloro-1-propene	0.4547 0.4002	0.3803 0.3801	0.4058	0.3970	0.3815	Ave		0.399 9			6.6		20.0				
Methyl acetate	0.3562 0.3192	0.3419 0.3097	0.3024	0.3022	0.2961	Ave		0.318 2		0.1000	7.1		20.0				
Methylene Chloride	++++ 0.3209	0.4094 0.3093	0.3178	0.3116	0.3050	Ave		0.329 0		0.1000	12.1		20.0				
2-Methyl-2-propanol	0.0661 0.0702	0.0614 0.0662	0.0628	0.0618	0.0610	Ave		0.064 2			5.3		20.0				
Methyl tert-butyl ether	0.7619 0.8294	0.7915 0.8089	0.8107	0.7987	0.7828	Ave		0.797 7		0.1000	2.7		20.0				
trans-1,2-Dichloroethene	0.3559 0.3678	0.3362 0.3516	0.3681	0.3570	0.3480	Ave		0.355 0		0.1000	3.2		20.0				
Acrylonitrile	0.1539 0.1609	0.1516 0.1556	0.1550	0.1539	0.1498	Ave		0.154 4			2.3		20.0				
Hexane	0.3157 0.3514	0.2974 0.3437	0.3394	0.3389	0.3378	Ave		0.332 0			5.7		20.0				
1,1-Dichloroethane	0.4538 0.4794	0.4324 0.4618	0.4768	0.4615	0.4571	Ave		0.460 4		0.2000	3.4		20.0				
Vinyl acetate	0.5261 0.5047	0.5638 0.4903	0.5422	0.5346	0.5067	Ave		0.524 0			4.8		20.0				
2,2-Dichloropropane	0.4060 0.4282	0.4095 0.4097	0.4289	0.4249	0.4119	Ave		0.417 0			2.4		20.0				
cis-1,2-Dichloroethene	0.2884 0.2909	0.2683 0.2806	0.2853	0.2818	0.2776	Ave		0.281 8		0.1000	2.7		20.0				
2-Butanone (MEK)	0.0610 0.0648	0.0647 0.0626	0.0593	0.0601	0.0595	Ave		0.061 7		0.0100	3.8		20.0				
Chlorobromomethane	0.1995 0.2158	0.2077 0.2130	0.2165	0.2120	0.2071	Ave		0.210 2			2.8		20.0				
Tetrahydrofuran	0.1726 0.1490	0.1504 0.1437	0.1442	0.1407	0.1385	Ave		0.148 5			7.7		20.0				
Chloroform	0.4507 0.4622	0.4464 0.4430	0.4665	0.4528	0.4374	Ave		0.451 3		0.2000	2.3		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Cyclohexane	0.3752 0.4193	0.3732 0.4038	0.4053	0.4047	0.3965	Ave		0.396 9		0.1000	4.3		20.0				
1,1,1-Trichloroethane	0.3841 0.4233	0.3856 0.4091	0.4237	0.4117	0.4053	Ave		0.406 1		0.1000	4.0		20.0				
Carbon tetrachloride	0.3111 0.3525	0.3196 0.3415	0.3507	0.3438	0.3372	Ave		0.336 6		0.1000	4.7		20.0				
1,1-Dichloropropene	0.3573 0.3854	0.3338 0.3729	0.3797	0.3792	0.3705	Ave		0.368 4			4.8		20.0				
Isobutyl alcohol	0.0190 0.0198	0.0161 0.0185	0.0175	0.0176	0.0176	Ave		0.018 0			6.6		20.0				
Benzene	1.0672 1.1139	1.0387 1.0681	1.0839	1.0821	1.0651	Ave		1.074 1		0.5000	2.1		20.0				
1,2-Dichloroethane	0.3568 0.3671	0.3641 0.3562	0.3653	0.3580	0.3502	Ave		0.359 7		0.1000	1.7		20.0				
n-Heptane	0.2060 0.2062	0.1761 0.1998	0.1951	0.1905	0.1931	Ave		0.195 3			5.3		20.0				
Trichloroethene	0.2652 0.2934	0.2610 0.2837	0.2891	0.2834	0.2800	Ave		0.279 4		0.1500	4.3		20.0				
Methylcyclohexane	0.3732 0.4327	0.3678 0.4202	0.4124	0.4152	0.4170	Ave		0.405 5		0.1000	6.1		20.0				
1,2-Dichloropropane	0.2514 0.2696	0.2503 0.2601	0.2649	0.2602	0.2546	Ave		0.258 7		0.1000	2.7		20.0				
1,4-Dioxane	0.0046 0.0058	0.0046 0.0052	0.0050	0.0051	0.0051	Ave		0.005 1			8.1		20.0				
Dibromomethane	0.1616 0.1781	0.1691 0.1748	0.1699	0.1704	0.1669	Ave		0.170 1			3.1		20.0				
Dichlorobromomethane	0.3003 0.3534	0.3351 0.3455	0.3398	0.3407	0.3362	Ave		0.335 9		0.1500	5.0		20.0				
2-Chloroethyl vinyl ether	0.1835 0.2227	0.1891 0.2196	0.2105	0.2156	0.2096	Ave		0.207 2			7.3		20.0				
cis-1,3-Dichloropropene	0.4249 0.4590	0.4095 0.4438	0.4437	0.4425	0.4356	Ave		0.437 0		0.1500	3.6		20.0				
4-Methyl-2-pentanone (MIBK)	0.3850 0.4221	0.3734 0.4121	0.4004	0.3997	0.3948	Ave		0.398 2		0.0500	4.1		20.0				
Toluene	1.6201 1.6070	1.5324 1.5320	1.6012	1.5796	1.5635	Ave		1.576 5		0.4000	2.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
trans-1,3-Dichloropropene	0.5286 0.5793	0.5088 0.5626	0.5545	0.5590	0.5592	Ave		0.550 3		0.1000	4.3		20.0				
Ethyl methacrylate	0.5324 0.5831	0.4955 0.5640	0.5580	0.5556	0.5521	Ave		0.548 7			5.1		20.0				
1,1,2-Trichloroethane	0.3118 0.3322	0.3075 0.3210	0.3171	0.3221	0.3164	Ave		0.318 3		0.1000	2.5		20.0				
Tetrachloroethene	0.3214 0.3846	0.3401 0.3690	0.3734	0.3714	0.3702	Ave		0.361 4		0.1500	6.2		20.0				
1,3-Dichloropropane	0.5588 0.6015	0.5509 0.5775	0.5852	0.5788	0.5681	Ave		0.574 4			2.9		20.0				
2-Hexanone	0.4170 0.4421	0.3974 0.4256	0.4210	0.4211	0.4185	Ave		0.420 4		0.0500	3.1		20.0				
Chlorodibromomethane	0.3218 0.3495	0.3218 0.3396	0.3293	0.3319	0.3330	Ave		0.332 4			3.0		20.0				
Ethylene Dibromide	0.3482 0.3614	0.3110 0.3492	0.3479	0.3496	0.3398	Ave		0.343 9			4.6		20.0				
Chlorobenzene	0.9658 1.0081	0.9513 0.9642	0.9864	0.9885	0.9758	Ave		0.977 2		0.3000	1.9		20.0				
Ethylbenzene	0.5074 0.5619	0.4987 0.5379	0.5511	0.5581	0.5504	Ave		0.537 9			4.7		20.0				
1,1,1,2-Tetrachloroethane	0.2992 0.3609	0.3036 0.3446	0.3440	0.3458	0.3413	Ave		0.334 2			7.0		20.0				
m-Xylene & p-Xylene	0.6852 0.6954	0.6682 0.6609	0.6896	0.6879	0.6764	Ave		0.680 5			1.8		20.0				
o-Xylene	0.6576 0.6659	0.6070 0.6435	0.6574	0.6578	0.6482	Ave		0.648 2			3.0		20.0				
Styrene	1.0329 1.1744	1.0518 1.1208	1.1163	1.1432	1.1303	Ave		1.110 0		0.3000	4.5		20.0				
Bromoform	0.2336 0.2743	0.2255 0.2660	0.2537	0.2577	0.2591	Ave		0.252 9		0.1000	6.9		20.0				
Isopropylbenzene	1.6131 1.7301	1.5544 1.6466	1.7177	1.7253	1.7020	Ave		1.669 9		0.1000	4.0		20.0				
Bromobenzene	0.7730 0.8157	0.7189 0.7904	0.8184	0.7974	0.7860	Ave		0.785 7			4.3		20.0				
1,1,2,2-Tetrachloroethane	0.9415 1.0084	0.9573 0.9978	0.9961	0.9843	0.9719	Ave		0.979 6		0.3000	2.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
N-Propylbenzene	0.8235 0.9157	0.8032 0.8898	0.9118	0.8968	0.8979	Ave		0.876 9			5.1		20.0				
1,2,3-Trichloropropane	0.3141 0.3681	0.3748 0.3556	0.3545	0.3507	0.3433	Ave		0.351 6			5.6		20.0				
trans-1,4-Dichloro-2-butene	0.3892 0.4165	0.3586 0.4081	0.4050	0.3974	0.3975	Ave		0.396 0			4.7		20.0				
2-Chlorotoluene	0.6521 0.7799	0.6992 0.7584	0.7720	0.7665	0.7581	Ave		0.740 9			6.4		20.0				
1,3,5-Trimethylbenzene	2.4870 2.7112	2.3664 2.6403	2.6872	2.6892	2.6509	Ave		2.604 6			4.9		20.0				
4-Chlorotoluene	0.7601 0.8145	0.7581 0.7936	0.8168	0.8087	0.7989	Ave		0.792 9			3.1		20.0				
tert-Butylbenzene	2.1072 2.2687	2.0343 2.2128	2.2661	2.2482	2.2394	Ave		2.196 7			4.1		20.0				
1,2,4-Trimethylbenzene	2.5728 2.7378	2.4910 2.6540	2.7432	2.7210	2.6908	Ave		2.658 7			3.6		20.0				
sec-Butylbenzene	0.5414 0.6863	0.5910 0.6635	0.6739	0.6780	0.6737	Ave		0.644 0			8.6		20.0				
4-Isopropyltoluene	2.4932 2.8135	2.4813 2.7322	2.8058	2.7576	2.7571	Ave		2.691 5			5.3		20.0				
1,3-Dichlorobenzene	1.3736 1.5146	1.3931 1.4694	1.5252	1.4913	1.4795	Ave		1.463 8		0.6000	4.0		20.0				
1,4-Dichlorobenzene	1.4637 1.5359	1.4509 1.4855	1.5244	1.5233	1.5072	Ave		1.498 7		0.5000	2.2		20.0				
n-Butylbenzene	2.1035 2.3818	2.0965 2.3204	2.3361	2.3506	2.3426	Ave		2.275 9			5.3		20.0				
1,2-Dichlorobenzene	1.3407 1.4281	1.3204 1.3816	1.4294	1.4007	1.3796	Ave		1.382 9		0.4000	3.0		20.0				
1,2-Dibromo-3-Chloropropane	0.2816 0.3352	0.2871 0.3253	0.3105	0.3118	0.3119	Ave		0.309 0		0.0500	6.2		20.0				
1,2,4-Trichlorobenzene	0.8102 0.8507	0.7543 0.8257	0.8238	0.8147	0.8313	Ave		0.815 8		0.2000	3.7		20.0				
Hexachlorobutadiene	0.3350 0.3573	0.3248 0.3456	0.3517	0.3576	0.3546	Ave		0.346 7			3.6		20.0				
Naphthalene	2.5162 2.8313	2.4456 2.7546	2.6436	2.6841	2.6653	Ave		2.648 7			5.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,3-Trichlorobenzene	0.7666 0.8070	0.7148 0.7831	0.7842	0.7744	0.7797	Ave		0.772 8			3.7		20.0				
Dibromofluoromethane (Surr)	0.2404 0.2404	0.2174 0.2395	0.2293	0.2345	0.2312	Ave		0.233 3			3.6		20.0				
1,2-Dichloroethane-d4 (Surr)	0.2945 0.3058	0.2955 0.3005	0.2968	0.2968	0.2935	Ave		0.297 6			1.4		20.0				
Toluene-d8 (Surr)	1.3716 1.3236	1.2061 1.2841	1.2878	1.3241	1.2895	Ave		1.298 1			3.9		20.0				
4-Bromofluorobenzene (Surr)	0.5497 0.5049	0.4759 0.4915	0.4887	0.5063	0.4922	Ave		0.501 3			4.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8531 743957	16389 1111613	183102	365923	551989	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Chloromethane	FB	Ave	9371 803521	17960 1173561	192378	390053	571724	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Vinyl chloride	FB	Ave	9499 824543	17336 1212108	198323	405543	596667	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Butadiene	FB	Ave	8460 764309	16482 1089181	180341	361179	556904	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Bromomethane	FB	Ave	7982 590008	12756 868663	125419	254164	397331	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Chloroethane	FB	Ave	5506 576575	11503 871149	130836	267523	400831	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Trichlorofluoromethane	FB	Ave	10341 1068131	22621 1600138	255449	517023	787889	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Dichlorofluoromethane	FB	Ave	17012 1266460	30688 1877045	303020	612918	910193	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Ethyl ether	FB	Ave	5654 513625	11028 772694	124996	250763	364729	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5870 585614	12712 856179	140625	280222	423217	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acrolein	FB	Ave	10069 861744	20539 1252245	204960	402924	600550	2.50 200	5.00 300	50.0	100	150
1,1-Dichloroethene	FB	Ave	10372 920276	19920 1339897	221553	445659	664663	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acetone	FB	Lin1	7326 217524	9585 316938	52705	102740	153021	1.00 80.0	2.00 120	20.0	40.0	60.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Ave	7097 784879	14545 1154028	173467	372408	552753	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Carbon disulfide	FB	Ave	20239 1757650	37041 2554022	414385	853359	1266006	0.500 40.0	1.00 60.0	10.0	20.0	30.0
3-Chloro-1-propene	FB	Ave	13195 985039	22042 1408716	243190	481520	706386	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Methyl acetate	FB	Ave	20672 1571195	39627 2295445	362485	733138	1096563	1.00 80.0	2.00 120	20.0	40.0	60.0
Methylene Chloride	FB	Ave	++++ 789732	23729 1146419	190457	377945	564685	++++ 40.0	1.00 60.0	10.0	20.0	30.0
2-Methyl-2-propanol	FB	Ave	19178 1728365	35596 2452702	376297	749551	1129727	5.00 400	10.0 600	100	200	300
Methyl tert-butyl ether	FB	Ave	22111 2041386	45871 2997764	485826	968732	1449439	0.500 40.0	1.00 60.0	10.0	20.0	30.0
trans-1,2-Dichloroethene	FB	Ave	10329 905412	19486 1303241	220626	433038	644287	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acrylonitrile	FB	Ave	44666 3960133	87868 5767799	928631	1866716	2774281	5.00 400	10.0 600	100	200	300
Hexane	FB	Ave	9162 864867	17234 1273734	203429	411050	625402	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1-Dichloroethane	FB	Ave	13169 1179979	25062 1711449	285758	559771	846363	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Vinyl acetate	FB	Ave	15267 1242139	32676 1817003	324963	648414	938121	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2,2-Dichloropropane	FB	Ave	11783 1053932	23733 1518280	257058	515426	762661	0.500 40.0	1.00 60.0	10.0	20.0	30.0
cis-1,2-Dichloroethene	FB	Ave	8369 715994	15552 1039988	170974	341822	513954	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2-Butanone (MEK)	FB	Ave	3538 318893	7495 464335	71101	145910	220353	1.00 80.0	2.00 120	20.0	40.0	60.0
Chlorobromomethane	FB	Ave	5790 531086	12039 789415	129741	257144	383488	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Tetrahydrofuran	FB	Ave	10020 733435	17435 1065254	172840	341280	512930	1.00 80.0	2.00 120	20.0	40.0	60.0
Chloroform	FB	Ave	13080 1137642	25870 1641898	279599	549171	809889	0.500 40.0	1.00 60.0	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	10888 1032024	21631 1496477	242910	490843	734104	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1,1-Trichloroethane	FB	Ave	11146 1041972	22349 1516173	253914	499345	750525	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Carbon tetrachloride	FB	Ave	9027 867714	18522 1265527	210182	416985	624357	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1-Dichloropropene	FB	Ave	10368 948645	19345 1382045	227551	459980	685953	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Isobutyl alcohol	FB	Ave	13809 1218585	23376 1713165	262686	534043	815285	12.5 1000	25.0 1500	250	500	750
Benzene	FB	Ave	30971 2741817	60200 3958365	649568	1312463	1971996	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,2-Dichloroethane	FB	Ave	10355 903549	21102 1320276	218926	434265	648340	0.500 40.0	1.00 60.0	10.0	20.0	30.0
n-Heptane	FB	Ave	5978 507603	10203 740431	116946	231053	357595	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Trichloroethene	FB	Ave	7697 722115	15125 1051400	173258	343753	518420	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Methylcyclohexane	FB	Ave	10830 1064960	21313 1557469	247161	503578	772168	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,2-Dichloropropane	FB	Ave	7295 663693	14507 963901	158749	315574	471452	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,4-Dioxane	FB	Ave	2680 287724	5381 387395	59625	123952	189218	10.0 800	20.0 1200	200	400	600
Dibromomethane	FB	Ave	4690 438416	9799 647929	101805	206691	309011	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Dichlorobromomethane	FB	Ave	8715 869915	19420 1280618	203651	413295	622487	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2-Chloroethyl vinyl ether	FB	Ave	10651 1096386	21914 1627862	252296	522905	776127	1.00 80.0	2.00 120	20.0	40.0	60.0
cis-1,3-Dichloropropene	FB	Ave	12331 1129841	23730 1644888	265909	536742	806525	0.500 40.0	1.00 60.0	10.0	20.0	30.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	22348 2077794	43283 3054274	479955	969577	1462040	1.00 80.0	2.00 120	20.0	40.0	60.0
Toluene	CBNZ d5	Ave	35338	67287	724316	1446163	2166163	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2982551	4306368				40.0	60.0			
trans-1,3-Dichloropropene	CBNZ d5	Ave	11529	22341	250818	511760	774673	0.500	1.00	10.0	20.0	30.0
			1075289	1581473				40.0	60.0			
Ethyl methacrylate	CBNZ d5	Ave	11612	21759	252430	508642	764949	0.500	1.00	10.0	20.0	30.0
			1082183	1585436				40.0	60.0			
1,1,2-Trichloroethane	CBNZ d5	Ave	6801	13504	143460	294874	438396	0.500	1.00	10.0	20.0	30.0
			616595	902164				40.0	60.0			
Tetrachloroethene	CBNZ d5	Ave	7010	14934	168901	340038	512926	0.500	1.00	10.0	20.0	30.0
			713760	1037306				40.0	60.0			
1,3-Dichloropropane	CBNZ d5	Ave	12189	24189	264731	529956	787121	0.500	1.00	10.0	20.0	30.0
			1116454	1623300				40.0	60.0			
2-Hexanone	CBNZ d5	Ave	18193	34897	380878	771014	1159492	1.00	2.00	20.0	40.0	60.0
			1641192	2392816				80.0	120			
Chlorodibromomethane	CBNZ d5	Ave	7019	14129	148954	303893	461395	0.500	1.00	10.0	20.0	30.0
			648730	954545				40.0	60.0			
Ethylene Dibromide	CBNZ d5	Ave	7595	13657	157390	320119	470710	0.500	1.00	10.0	20.0	30.0
			670787	981631				40.0	60.0			
Chlorobenzene	CBNZ d5	Ave	21066	41773	446184	905010	1351876	0.500	1.00	10.0	20.0	30.0
			1871025	2710342				40.0	60.0			
Ethylbenzene	CBNZ d5	Ave	11067	21900	249316	510975	762495	0.500	1.00	10.0	20.0	30.0
			1042909	1511923				40.0	60.0			
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6526	13329	155590	316604	472878	0.500	1.00	10.0	20.0	30.0
			669865	968562				40.0	60.0			
m-Xylene & p-Xylene	CBNZ d5	Ave	14946	29341	311960	629804	937146	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1290673	1857581				40.0	60.0			
o-Xylene	CBNZ d5	Ave	14343	26655	297379	602229	898022	0.500	1.00	10.0	20.0	30.0
			1235963	1808724				40.0	60.0			
Styrene	CBNZ d5	Ave	22530	46184	504985	1046664	1565914	0.500	1.00	10.0	20.0	30.0
			2179707	3150490				40.0	60.0			
Bromoform	CBNZ d5	Ave	5095	9903	114765	235969	358932	0.500	1.00	10.0	20.0	30.0
			509183	747756				40.0	60.0			
Isopropylbenzene	CBNZ d5	Ave	35184	68252	777006	1579567	2358068	0.500	1.00	10.0	20.0	30.0
			3211115	4628312				40.0	60.0			
Bromobenzene	DCBd 4	Ave	8811	16487	190924	382820	568725	0.500	1.00	10.0	20.0	30.0
			790070	1140045				40.0	60.0			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	10732	21955	232363	472558	703161	0.500	1.00	10.0	20.0	30.0
			976663	1439144				40.0	60.0			
N-Propylbenzene	DCBd 4	Ave	9387	18421	212703	430540	649646	0.500	1.00	10.0	20.0	30.0
			886882	1283373				40.0	60.0			
1,2,3-Trichloropropane	DCBd 4	Ave	3580	8595	82695	168393	248407	0.500	1.00	10.0	20.0	30.0
			356473	512919				40.0	60.0			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	4437	8225	94471	190774	287631	0.500	1.00	10.0	20.0	30.0
			403349	588578				40.0	60.0			
2-Chlorotoluene	DCBd 4	Ave	7433	16036	180096	368014	548485	0.500	1.00	10.0	20.0	30.0
			755374	1093878				40.0	60.0			
1,3,5-Trimethylbenzene	DCBd 4	Ave	28350	54271	626869	1291110	1918016	0.500	1.00	10.0	20.0	30.0
			2625880	3808192				40.0	60.0			
4-Chlorotoluene	DCBd 4	Ave	8664	17387	190540	388246	578014	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			788830	1144661				40.0	60.0			
tert-Butylbenzene	DCBd 4	Ave	24020	46654	528633	1079391	1620283	0.500	1.00	10.0	20.0	30.0
			2197355	3191591				40.0	60.0			
1,2,4-Trimethylbenzene	DCBd 4	Ave	29328	57128	639942	1306381	1946890	0.500	1.00	10.0	20.0	30.0
			2651696	3827938				40.0	60.0			
sec-Butylbenzene	DCBd 4	Ave	6172	13553	157208	325535	487436	0.500	1.00	10.0	20.0	30.0
			664679	956911				40.0	60.0			
4-Isopropyltoluene	DCBd 4	Ave	28420	56905	654549	1323924	1994860	0.500	1.00	10.0	20.0	30.0
			2724972	3940697				40.0	60.0			
1,3-Dichlorobenzene	DCBd 4	Ave	15658	31950	355790	716005	1070460	0.500	1.00	10.0	20.0	30.0
			1466987	2119382				40.0	60.0			
1,4-Dichlorobenzene	DCBd 4	Ave	16685	33275	355612	731353	1090464	0.500	1.00	10.0	20.0	30.0
			1487619	2142486				40.0	60.0			
n-Butylbenzene	DCBd 4	Ave	23978	48081	544973	1128562	1694908	0.500	1.00	10.0	20.0	30.0
			2306832	3346737				40.0	60.0			
1,2-Dichlorobenzene	DCBd 4	Ave	15283	30281	333450	672476	998205	0.500	1.00	10.0	20.0	30.0
			1383213	1992668				40.0	60.0			
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	3210	6585	72429	149681	225654	0.500	1.00	10.0	20.0	30.0
			324632	469149				40.0	60.0			
1,2,4-Trichlorobenzene	DCBd 4	Ave	9236	17300	192177	391164	601464	0.500	1.00	10.0	20.0	30.0
			823902	1190903				40.0	60.0			
Hexachlorobutadiene	DCBd 4	Ave	3819	7450	82036	171699	256575	0.500	1.00	10.0	20.0	30.0
			346102	498407				40.0	60.0			
Naphthalene	DCBd 4	Ave	28682	56087	616710	1288655	1928425	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2742239	3973030				40.0	60.0			
1,2,3-Trichlorobenzene	DCBd 4	Ave	8739	16392	182940	371774	564124	0.500	1.00	10.0	20.0	30.0
			781575	1129490				40.0	60.0			
Dibromofluoromethane (Surr)	FB	Ave	6976	12602	137428	284463	428170	0.500	1.00	10.0	20.0	30.0
			591619	887621				40.0	60.0			
1,2-Dichloroethane-d4 (Surr)	FB	Ave	8546	17125	177845	359993	543478	0.500	1.00	10.0	20.0	30.0
			752730	1113617				40.0	60.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	29916	52958	582530	1212237	1786484	0.500	1.00	10.0	20.0	30.0
			2456650	3609332				40.0	60.0			
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	11989	20899	221071	463498	681895	0.500	1.00	10.0	20.0	30.0
			937200	1381473				40.0	60.0			

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	6.2						50					

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-536683/4 Calibration Date: 07/28/2022 21:24
 Instrument ID: A3UX18 Calib Start Date: 06/15/2022 20:24
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/15/2022 23:48
 Lab File ID: 193687.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3366	0.3633	0.1000	0.0216	0.0200	7.9	20.0
Chloromethane	Ave	0.4532	0.4288	0.1000	0.0189	0.0200	-5.4	20.0
Vinyl chloride	Ave	0.4255	0.3816	0.1000	0.0179	0.0200	-10.3	20.0
Butadiene	Ave	0.4310	0.3751		0.0174	0.0200	-13.0	20.0
Bromomethane	Ave	0.1240	0.0764	0.0500	0.0123	0.0200	-38.4*	20.0
Chloroethane	Ave	0.2363	0.1562	0.0500	0.0132	0.0200	-33.9*	20.0
Dichlorofluoromethane	Ave	0.5763	0.4614		0.0160	0.0200	-19.9	20.0
Trichlorofluoromethane	Ave	0.5089	0.4158	0.1000	0.0163	0.0200	-18.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-536683/4 Calibration Date: 07/28/2022 21:24
 Instrument ID: A3UX18 Calib Start Date: 06/22/2022 13:04
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/22/2022 16:46
 Lab File ID: 193687.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl ether	Ave	0.2113	0.2362		0.0559	0.0500	11.8	20.0
Acrolein	Ave	0.0345	0.0196		0.143	0.250	-43.0*	20.0
1,1-Dichloroethene	Ave	0.1993	0.2308	0.1000	0.0579	0.0500	15.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1746	0.2056	0.0500	0.0589	0.0500	17.8	20.0
Acetone	Lin1		0.1205	0.0100	0.120	0.100	19.6	50.0
Iodomethane	Ave	0.2221	0.1694		0.0381	0.0500	-23.7*	20.0
Carbon disulfide	Ave	0.6549	0.7451	0.1000	0.0569	0.0500	13.8	20.0
3-Chloro-1-propene	Ave	0.1788	0.2221		0.0621	0.0500	24.2*	20.0
Methyl acetate	Ave	0.3213	0.3172	0.1000	0.0987	0.100	-1.3	50.0
Methylene Chloride	Lin1		0.3765	0.1000	0.0564	0.0500	12.8	50.0
2-Methyl-2-propanol	Ave	0.0395	0.0438		0.553	0.500	10.7	20.0
Acrylonitrile	Ave	0.1292	0.1411		0.546	0.500	9.2	20.0
trans-1,2-Dichloroethene	Ave	0.3028	0.3443	0.1000	0.0568	0.0500	13.7	20.0
Methyl tert-butyl ether	Ave	0.8707	0.9510	0.1000	0.0546	0.0500	9.2	20.0
Hexane	Ave	0.0971	0.1196		0.0616	0.0500	23.1*	20.0
1,1-Dichloroethane	Ave	0.5804	0.6462	0.2000	0.0557	0.0500	11.3	20.0
Vinyl acetate	Ave	0.0473	0.0738		0.0780	0.0500	55.9*	20.0
2,2-Dichloropropane	Ave	0.0955	0.1135		0.0594	0.0500	18.8	20.0
cis-1,2-Dichloroethene	Ave	0.3281	0.3602	0.1000	0.0549	0.0500	9.8	20.0
2-Butanone (MEK)	Ave	0.1847	0.2048	0.0100	0.111	0.100	10.9	50.0
Chlorobromomethane	Ave	0.1374	0.1494		0.0544	0.0500	8.7	20.0
Tetrahydrofuran	Ave	0.1292	0.1427		0.110	0.100	10.5	20.0
Chloroform	Ave	0.5163	0.5868	0.2000	0.0568	0.0500	13.7	20.0
1,1,1-Trichloroethane	Ave	0.4410	0.5108	0.1000	0.0579	0.0500	15.8	20.0
Cyclohexane	Ave	0.6539	0.7542	0.1000	0.0577	0.0500	15.3	20.0
1,1-Dichloropropene	Ave	0.4353	0.5008		0.0575	0.0500	15.0	20.0
Carbon tetrachloride	Ave	0.3472	0.4140	0.1000	0.0596	0.0500	19.2	20.0
Benzene	Ave	1.247	1.396	0.5000	0.0560	0.0500	12.0	20.0
Isobutyl alcohol	Ave	0.0177	0.0207		1.46	1.25	17.1	20.0
1,2-Dichloroethane	Ave	0.4416	0.4781	0.1000	0.0541	0.0500	8.3	20.0
n-Heptane	Ave	0.1184	0.1306		0.0552	0.0500	10.3	20.0
Trichloroethene	Ave	0.3153	0.3601	0.1500	0.0571	0.0500	14.2	20.0
Methylcyclohexane	Ave	0.5930	0.6780	0.1000	0.0572	0.0500	14.3	20.0
1,2-Dichloropropane	Ave	0.3297	0.3685	0.1000	0.0559	0.0500	11.8	20.0
Dibromomethane	Ave	0.1663	0.1827		0.0549	0.0500	9.9	20.0
1,4-Dioxane	Ave	0.0039	0.0042		1.08	1.00	7.8	50.0
Dichlorobromomethane	Ave	0.3404	0.3893	0.1500	0.0572	0.0500	14.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1982	0.2012		0.101	0.100	1.5	20.0
cis-1,3-Dichloropropene	Ave	0.4500	0.5282	0.1500	0.0587	0.0500	17.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4999	0.5411	0.0500	0.108	0.100	8.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-536683/4 Calibration Date: 07/28/2022 21:24
 Instrument ID: A3UX18 Calib Start Date: 06/22/2022 13:04
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/22/2022 16:46
 Lab File ID: 193687.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	1.747	1.831	0.4000	0.0524	0.0500	4.8	20.0
trans-1,3-Dichloropropene	Ave	0.5405	0.5887	0.1000	0.0545	0.0500	8.9	20.0
Ethyl methacrylate	Ave	0.4899	0.4983		0.0508	0.0500	1.7	20.0
1,1,2-Trichloroethane	Ave	0.3311	0.3516	0.1000	0.0531	0.0500	6.2	20.0
Tetrachloroethene	Ave	0.3240	0.3541	0.1500	0.0546	0.0500	9.3	20.0
1,3-Dichloropropane	Ave	0.6221	0.6457		0.0519	0.0500	3.8	20.0
2-Hexanone	Ave	0.3574	0.3877	0.0500	0.108	0.100	8.5	50.0
Chlorodibromomethane	Lin1		0.3368		0.0493	0.0500	-1.5	20.0
Ethylene Dibromide	Ave	0.3365	0.3620		0.0538	0.0500	7.6	20.0
Chlorobenzene	Ave	1.073	1.169	0.3000	0.0545	0.0500	8.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3377	0.3929		0.0582	0.0500	16.3	20.0
Ethylbenzene	Ave	0.6044	0.6792		0.0562	0.0500	12.4	20.0
m-Xylene & p-Xylene	Ave	0.7387	0.8345		0.0565	0.0500	13.0	20.0
o-Xylene	Ave	0.6926	0.7536		0.0544	0.0500	8.8	20.0
Styrene	Ave	1.121	1.241	0.3000	0.0553	0.0500	10.6	20.0
Bromoform	Lin1		0.1914	0.1000	0.0471	0.0500	-5.7	20.0
Isopropylbenzene	Ave	1.847	2.030	0.1000	0.0550	0.0500	9.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8509	0.8755	0.3000	0.0514	0.0500	2.9	20.0
Bromobenzene	Ave	0.8661	0.9324		0.0538	0.0500	7.6	20.0
1,2,3-Trichloropropane	Ave	0.2845	0.2935		0.0516	0.0500	3.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3210	0.3456		0.0538	0.0500	7.7	20.0
N-Propylbenzene	Ave	1.055	1.156		0.0548	0.0500	9.5	20.0
2-Chlorotoluene	Ave	0.8817	0.9391		0.0533	0.0500	6.5	20.0
1,3,5-Trimethylbenzene	Ave	2.994	3.330		0.0556	0.0500	11.2	20.0
4-Chlorotoluene	Ave	0.8922	0.9950		0.0558	0.0500	11.5	20.0
tert-Butylbenzene	Ave	2.714	2.971		0.0547	0.0500	9.5	20.0
1,2,4-Trimethylbenzene	Ave	3.079	3.398		0.0552	0.0500	10.3	20.0
sec-Butylbenzene	Ave	4.047	4.413		0.0545	0.0500	9.0	20.0
1,3-Dichlorobenzene	Ave	1.674	1.842	0.6000	0.0550	0.0500	10.0	20.0
4-Isopropyltoluene	Ave	3.392	3.807		0.0561	0.0500	12.2	20.0
1,4-Dichlorobenzene	Ave	1.701	1.836	0.5000	0.0540	0.0500	7.9	20.0
n-Butylbenzene	Ave	3.116	3.542		0.0568	0.0500	13.7	20.0
1,2-Dichlorobenzene	Ave	1.533	1.659	0.4000	0.0541	0.0500	8.2	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.1655	0.0500	0.0553	0.0500	10.6	50.0
1,2,4-Trichlorobenzene	Ave	1.095	1.209	0.2000	0.0552	0.0500	10.4	50.0
Hexachlorobutadiene	Ave	0.5606	0.5888		0.0525	0.0500	5.0	50.0
Naphthalene	Ave	2.934	3.139		0.0535	0.0500	7.0	50.0
1,2,3-Trichlorobenzene	Ave	1.034	1.110		0.0537	0.0500	7.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2646	0.3178		0.0600	0.0500	20.1*	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3493	0.4082		0.0584	0.0500	16.9	20.0
Toluene-d8 (Surr)	Ave	1.479	1.715		0.0580	0.0500	15.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-536683/4 Calibration Date: 07/28/2022 21:24
 Instrument ID: A3UX18 Calib Start Date: 06/22/2022 13:04
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/22/2022 16:46
 Lab File ID: 193687.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene (Surr)	Ave	1.124	1.266		0.0563	0.0500	12.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.2934	0.1000	0.0197	0.0200	-1.5	30.0
Chloromethane	Ave	0.3182	0.3191	0.1000	0.0201	0.0200	0.3	30.0
Vinyl chloride	Ave	0.3251	0.3294	0.1000	0.0203	0.0200	1.3	30.0
Butadiene	Ave	0.2971	0.2665		0.0179	0.0200	-10.3	30.0
Bromomethane	Ave	0.2290	0.2323	0.0500	0.0203	0.0200	1.5	30.0
Chloroethane	Ave	0.2161	0.2180	0.0500	0.0202	0.0200	0.9	30.0
Dichlorofluoromethane	Ave	0.5199	0.4876		0.0188	0.0200	-6.2	30.0
Trichlorofluoromethane	Ave	0.4129	0.4155	0.1000	0.0201	0.0200	0.6	30.0
Ethyl ether	Ave	0.2021	0.1999		0.0198	0.0200	-1.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2264	0.2261	0.0500	0.0200	0.0200	-0.1	30.0
Acrolein	Ave	0.0682	0.0410		0.0600	0.100	-40.0*	30.0
1,1-Dichloroethene	Ave	0.3618	0.3641	0.1000	0.0201	0.0200	0.6	30.0
Acetone	Lin1		0.0408	0.0100	0.0373	0.0400	-6.9	50.0
Iodomethane	Ave	0.2887	0.2916		0.0202	0.0200	1.0	30.0
Carbon disulfide	Ave	0.6884	0.7032	0.1000	0.0204	0.0200	2.2	30.0
3-Chloro-1-propene	Ave	0.3999	0.3866		0.0193	0.0200	-3.3	30.0
Methyl acetate	Ave	0.3182	0.2908	0.1000	0.0365	0.0400	-8.6	50.0
Methylene Chloride	Ave	0.3290	0.3068	0.1000	0.0186	0.0200	-6.8	50.0
2-Methyl-2-propanol	Ave	0.0642	0.0648		0.202	0.200	0.9	30.0
Methyl tert-butyl ether	Ave	0.7977	0.7853	0.1000	0.0197	0.0200	-1.6	30.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3464	0.1000	0.0195	0.0200	-2.4	30.0
Acrylonitrile	Ave	0.1544	0.1500		0.194	0.200	-2.9	30.0
Hexane	Ave	0.3320	0.3207		0.0193	0.0200	-3.4	30.0
1,1-Dichloroethane	Ave	0.4604	0.4381	0.2000	0.0190	0.0200	-4.8	30.0
Vinyl acetate	Ave	0.5240	0.4384		0.0167	0.0200	-16.3	30.0
2,2-Dichloropropane	Ave	0.4170	0.3970		0.0190	0.0200	-4.8	30.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2753	0.1000	0.0195	0.0200	-2.3	30.0
2-Butanone (MEK)	Ave	0.0617	0.0582	0.0100	0.0377	0.0400	-5.7	50.0
Chlorobromomethane	Ave	0.2102	0.2047		0.0195	0.0200	-2.6	30.0
Tetrahydrofuran	Ave	0.1485	0.1393		0.0375	0.0400	-6.2	30.0
Chloroform	Ave	0.4513	0.4290	0.2000	0.0190	0.0200	-4.9	30.0
Cyclohexane	Ave	0.3969	0.3896	0.1000	0.0196	0.0200	-1.8	30.0
1,1,1-Trichloroethane	Ave	0.4061	0.3935	0.1000	0.0194	0.0200	-3.1	30.0
Carbon tetrachloride	Ave	0.3366	0.3280	0.1000	0.0195	0.0200	-2.5	30.0
1,1-Dichloropropene	Ave	0.3684	0.3548		0.0193	0.0200	-3.7	30.0
Isobutyl alcohol	Ave	0.0180	0.0187		0.519	0.500	3.9	30.0
Benzene	Ave	1.074	1.041	0.5000	0.0194	0.0200	-3.1	30.0
1,2-Dichloroethane	Ave	0.3597	0.3473	0.1000	0.0193	0.0200	-3.4	30.0
n-Heptane	Ave	0.1953	0.1841		0.0189	0.0200	-5.7	30.0
Trichloroethene	Ave	0.2794	0.2810	0.1500	0.0201	0.0200	0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3905	0.1000	0.0193	0.0200	-3.7	30.0
1,2-Dichloropropane	Ave	0.2587	0.2532	0.1000	0.0196	0.0200	-2.1	30.0
1,4-Dioxane	Ave	0.0051	0.0068		0.534	0.400	33.4	50.0
Dibromomethane	Ave	0.1701	0.1678		0.0197	0.0200	-1.4	30.0
Dichlorobromomethane	Ave	0.3359	0.3267	0.1500	0.0195	0.0200	-2.7	30.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.2065		0.0199	0.0200	-0.4	30.0
cis-1,3-Dichloropropene	Ave	0.4370	0.4148	0.1500	0.0190	0.0200	-5.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3982	0.3839	0.0500	0.0386	0.0400	-3.6	50.0
Toluene	Ave	1.577	1.496	0.4000	0.0190	0.0200	-5.1	30.0
trans-1,3-Dichloropropene	Ave	0.5503	0.5293	0.1000	0.0192	0.0200	-3.8	30.0
Ethyl methacrylate	Ave	0.5487	0.5357		0.0195	0.0200	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3183	0.3096	0.1000	0.0195	0.0200	-2.7	30.0
Tetrachloroethene	Ave	0.3614	0.3631	0.1500	0.0201	0.0200	0.5	30.0
1,3-Dichloropropane	Ave	0.5744	0.5546		0.0193	0.0200	-3.4	30.0
2-Hexanone	Ave	0.4204	0.4104	0.0500	0.0390	0.0400	-2.4	50.0
Chlorodibromomethane	Ave	0.3324	0.3189		0.0192	0.0200	-4.1	30.0
Ethylene Dibromide	Ave	0.3439	0.3309		0.0192	0.0200	-3.8	30.0
Chlorobenzene	Ave	0.9772	0.9479	0.3000	0.0194	0.0200	-3.0	30.0
Ethylbenzene	Ave	0.5379	0.5280		0.0196	0.0200	-1.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3241		0.0194	0.0200	-3.0	30.0
m-Xylene & p-Xylene	Ave	0.6805	0.6526		0.0192	0.0200	-4.1	30.0
o-Xylene	Ave	0.6482	0.6278		0.0194	0.0200	-3.1	30.0
Styrene	Ave	1.110	1.081	0.3000	0.0195	0.0200	-2.6	30.0
Bromoform	Ave	0.2529	0.2486	0.1000	0.0197	0.0200	-1.7	30.0
Isopropylbenzene	Ave	1.670	1.632	0.1000	0.0195	0.0200	-2.3	30.0
Bromobenzene	Ave	0.7857	0.7814		0.0199	0.0200	-0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.9645	0.3000	0.0197	0.0200	-1.5	30.0
N-Propylbenzene	Ave	0.8769	0.8707		0.0199	0.0200	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.3516	0.3372		0.0192	0.0200	-4.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.4030		0.0203	0.0200	1.7	30.0
2-Chlorotoluene	Ave	0.7409	0.7524		0.0203	0.0200	1.6	30.0
1,3,5-Trimethylbenzene	Ave	2.605	2.632		0.0202	0.0200	1.1	30.0
4-Chlorotoluene	Ave	0.7929	0.7823		0.0197	0.0200	-1.3	30.0
tert-Butylbenzene	Ave	2.197	2.224		0.0203	0.0200	1.3	30.0
1,2,4-Trimethylbenzene	Ave	2.659	2.687		0.0202	0.0200	1.1	30.0
sec-Butylbenzene	Ave	0.6440	0.6588		0.0205	0.0200	2.3	30.0
1,3-Dichlorobenzene	Ave	1.464	1.477	0.6000	0.0202	0.0200	0.9	30.0
4-Isopropyltoluene	Ave	2.692	2.749		0.0204	0.0200	2.1	30.0
1,4-Dichlorobenzene	Ave	1.499	1.496	0.5000	0.0200	0.0200	-0.2	30.0
n-Butylbenzene	Ave	2.276	2.292		0.0201	0.0200	0.7	30.0
1,2-Dichlorobenzene	Ave	1.383	1.396	0.4000	0.0202	0.0200	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.3029	0.0500	0.0196	0.0200	-2.0	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.8205	0.2000	0.0201	0.0200	0.6	50.0
Hexachlorobutadiene	Ave	0.3467	0.3560		0.0205	0.0200	2.7	50.0
Naphthalene	Ave	2.649	2.700		0.0204	0.0200	1.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.7846		0.0203	0.0200	1.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2557		0.0219	0.0200	9.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.3008		0.0202	0.0200	1.1	30.0
Toluene-d8 (Surr)	Ave	1.298	1.368		0.0211	0.0200	5.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.5479		0.0219	0.0200	9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-535640/3 Calibration Date: 07/21/2022 11:02
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX003547b.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.3036	0.1000	0.0204	0.0200	2.0	20.0
Chloromethane	Ave	0.3182	0.2731	0.1000	0.0172	0.0200	-14.2	20.0
Vinyl chloride	Ave	0.3251	0.3037	0.1000	0.0187	0.0200	-6.6	20.0
Butadiene	Ave	0.2971	0.2803		0.0189	0.0200	-5.7	20.0
Bromomethane	Ave	0.2290	0.1390	0.0500	0.0121	0.0200	-39.3*	20.0
Chloroethane	Ave	0.2161	0.2517	0.0500	0.0233	0.0200	16.5	20.0
Dichlorofluoromethane	Ave	0.5199	0.4879		0.0188	0.0200	-6.2	20.0
Trichlorofluoromethane	Ave	0.4129	0.4465	0.1000	0.0216	0.0200	8.1	20.0
Ethyl ether	Ave	0.2021	0.1855		0.0184	0.0200	-8.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2264	0.2266	0.0500	0.0200	0.0200	0.0	20.0
Acrolein	Ave	0.0682	0.0240		0.0352	0.100	-64.8*	20.0
1,1-Dichloroethene	Ave	0.3618	0.3368	0.1000	0.0186	0.0200	-6.9	20.0
Acetone	Lin1		0.0404	0.0100	0.0369	0.0400	-7.9	50.0
Iodomethane	Ave	0.2887	0.1057		0.00732	0.0200	-63.4*	20.0
Carbon disulfide	Ave	0.6884	0.6698	0.1000	0.0195	0.0200	-2.7	20.0
3-Chloro-1-propene	Ave	0.3999	0.3221		0.0161	0.0200	-19.5	20.0
Methyl acetate	Ave	0.3182	0.2521	0.1000	0.0317	0.0400	-20.8	50.0
Methylene Chloride	Ave	0.3290	0.2941	0.1000	0.0179	0.0200	-10.6	50.0
2-Methyl-2-propanol	Ave	0.0642	0.0566		0.176	0.200	-11.8	20.0
Methyl tert-butyl ether	Ave	0.7977	0.7056	0.1000	0.0177	0.0200	-11.5	20.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3212	0.1000	0.0181	0.0200	-9.5	20.0
Acrylonitrile	Ave	0.1544	0.1386		0.180	0.200	-10.2	20.0
Hexane	Ave	0.3320	0.2529		0.0152	0.0200	-23.8*	20.0
1,1-Dichloroethane	Ave	0.4604	0.4203	0.2000	0.0183	0.0200	-8.7	20.0
Vinyl acetate	Ave	0.5240	0.5161		0.0197	0.0200	-1.5	20.0
2,2-Dichloropropane	Ave	0.4170	0.3835		0.0184	0.0200	-8.0	20.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2701	0.1000	0.0192	0.0200	-4.2	20.0
2-Butanone (MEK)	Ave	0.0617	0.0551	0.0100	0.0357	0.0400	-10.8	50.0
Chlorobromomethane	Ave	0.2102	0.1910		0.0182	0.0200	-9.2	20.0
Tetrahydrofuran	Ave	0.1485	0.1197		0.0323	0.0400	-19.4	20.0
Chloroform	Ave	0.4513	0.4438	0.2000	0.0197	0.0200	-1.7	20.0
Cyclohexane	Ave	0.3969	0.3407	0.1000	0.0172	0.0200	-14.2	20.0
1,1,1-Trichloroethane	Ave	0.4061	0.3857	0.1000	0.0190	0.0200	-5.0	20.0
Carbon tetrachloride	Ave	0.3366	0.3192	0.1000	0.0190	0.0200	-5.2	20.0
1,1-Dichloropropene	Ave	0.3684	0.3456		0.0188	0.0200	-6.2	20.0
Isobutyl alcohol	Ave	0.0180	0.0165		0.458	0.500	-8.4	20.0
Benzene	Ave	1.074	1.026	0.5000	0.0191	0.0200	-4.5	20.0
1,2-Dichloroethane	Ave	0.3597	0.3329	0.1000	0.0185	0.0200	-7.4	20.0
n-Heptane	Ave	0.1953	0.1423		0.0146	0.0200	-27.1*	20.0
Trichloroethene	Ave	0.2794	0.2735	0.1500	0.0196	0.0200	-2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-535640/3 Calibration Date: 07/21/2022 11:02
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX003547b.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3164	0.1000	0.0156	0.0200	-22.0*	20.0
1,2-Dichloropropane	Ave	0.2587	0.2337	0.1000	0.0181	0.0200	-9.7	20.0
1,4-Dioxane	Ave	0.0051	0.0054		0.426	0.400	6.6	50.0
Dibromomethane	Ave	0.1701	0.1749		0.0206	0.0200	2.8	20.0
Dichlorobromomethane	Ave	0.3359	0.3116	0.1500	0.0186	0.0200	-7.2	20.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.1791		0.0346	0.0400	-13.6	20.0
cis-1,3-Dichloropropene	Ave	0.4370	0.3844	0.1500	0.0176	0.0200	-12.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3982	0.3429	0.0500	0.0344	0.0400	-13.9	50.0
Toluene	Ave	1.577	1.451	0.4000	0.0184	0.0200	-8.0	20.0
trans-1,3-Dichloropropene	Ave	0.5503	0.4692	0.1000	0.0171	0.0200	-14.7	20.0
Ethyl methacrylate	Ave	0.5487	0.4580		0.0167	0.0200	-16.5	20.0
1,1,2-Trichloroethane	Ave	0.3183	0.2909	0.1000	0.0183	0.0200	-8.6	20.0
Tetrachloroethene	Ave	0.3614	0.3592	0.1500	0.0199	0.0200	-0.6	20.0
1,3-Dichloropropane	Ave	0.5744	0.5145		0.0179	0.0200	-10.4	20.0
2-Hexanone	Ave	0.4204	0.3538	0.0500	0.0337	0.0400	-15.8	50.0
Chlorodibromomethane	Ave	0.3324	0.2821		0.0170	0.0200	-15.1	20.0
Ethylene Dibromide	Ave	0.3439	0.3141		0.0183	0.0200	-8.7	20.0
Chlorobenzene	Ave	0.9772	0.9059	0.3000	0.0185	0.0200	-7.3	20.0
Ethylbenzene	Ave	0.5379	0.4827		0.0179	0.0200	-10.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3106		0.0186	0.0200	-7.0	20.0
m-Xylene & p-Xylene	Ave	0.6805	0.5919		0.0174	0.0200	-13.0	20.0
o-Xylene	Ave	0.6482	0.5665		0.0175	0.0200	-12.6	20.0
Styrene	Ave	1.110	1.005	0.3000	0.0181	0.0200	-9.5	20.0
Bromoform	Ave	0.2529	0.2099	0.1000	0.0166	0.0200	-17.0	20.0
Isopropylbenzene	Ave	1.670	1.387	0.1000	0.0166	0.0200	-16.9	20.0
Bromobenzene	Ave	0.7857	0.7354		0.0187	0.0200	-6.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.9008	0.3000	0.0184	0.0200	-8.0	20.0
N-Propylbenzene	Ave	0.8769	0.7324		0.0167	0.0200	-16.5	20.0
1,2,3-Trichloropropane	Ave	0.3516	0.3262		0.0186	0.0200	-7.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.3375		0.0170	0.0200	-14.8	20.0
2-Chlorotoluene	Ave	0.7409	0.6659		0.0180	0.0200	-10.1	20.0
1,3,5-Trimethylbenzene	Ave	2.605	2.111		0.0162	0.0200	-18.9	20.0
4-Chlorotoluene	Ave	0.7929	0.7099		0.0179	0.0200	-10.5	20.0
tert-Butylbenzene	Ave	2.197	1.749		0.0159	0.0200	-20.4*	20.0
1,2,4-Trimethylbenzene	Ave	2.659	2.147		0.0162	0.0200	-19.2	20.0
sec-Butylbenzene	Ave	0.6440	0.5352		0.0166	0.0200	-16.9	20.0
4-Isopropyltoluene	Ave	2.692	2.154		0.0160	0.0200	-20.0	20.0
1,3-Dichlorobenzene	Ave	1.464	1.296	0.6000	0.0177	0.0200	-11.4	20.0
1,4-Dichlorobenzene	Ave	1.499	1.337	0.5000	0.0178	0.0200	-10.8	20.0
n-Butylbenzene	Ave	2.276	1.799		0.0158	0.0200	-21.0*	20.0
1,2-Dichlorobenzene	Ave	1.383	1.247	0.4000	0.0180	0.0200	-9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-535640/3 Calibration Date: 07/21/2022 11:02
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX003547b.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.2589	0.0500	0.0168	0.0200	-16.2	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.6795	0.2000	0.0167	0.0200	-16.7	50.0
Hexachlorobutadiene	Ave	0.3467	0.2998		0.0173	0.0200	-13.5	50.0
Naphthalene	Ave	2.649	2.346		0.0177	0.0200	-11.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.6409		0.0166	0.0200	-17.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2396		0.0231	0.0225	2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.2745		0.0207	0.0225	-7.8	20.0
Toluene-d8 (Surr)	Ave	1.298	1.282		0.0222	0.0225	-1.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.4604		0.0206	0.0225	-8.2	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-535640/8
 Matrix: Water Lab File ID: UX003552.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 13:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
124-48-1	Chlorodibromomethane	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.83	U	1.0	0.83
67-66-3	Chloroform	0.727	J	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
110-82-7	Cyclohexane	0.48	U	1.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-27-4	Dichlorobromomethane	0.298	J	1.0	0.17
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
100-41-4	Ethylbenzene	0.42	U	1.0	0.42
106-93-4	Ethylene Dibromide	0.41	U	1.0	0.41
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
79-20-9	Methyl acetate	1.7	U	10	1.7
108-87-2	Methylcyclohexane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-535640/8
 Matrix: Water Lab File ID: UX003552.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 13:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-00-5	1,1,2-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
75-01-4	Vinyl chloride	0.45	U	1.0	0.45
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		56-136
1868-53-7	Dibromofluoromethane (Surr)	103		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		62-137
2037-26-5	Toluene-d8 (Surr)	95		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-535640/5
 Matrix: Water Lab File ID: UX003549.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	35.1		10	5.4
71-43-2	Benzene	18.7		1.0	0.42
75-25-2	Bromoform	15.9		1.0	0.76
74-83-9	Bromomethane	13.5		1.0	0.42
78-93-3	2-Butanone (MEK)	33.9		10	1.2
75-15-0	Carbon disulfide	18.4		1.0	0.59
56-23-5	Carbon tetrachloride	18.2		1.0	0.26
108-90-7	Chlorobenzene	18.3		1.0	0.38
124-48-1	Chlorodibromomethane	16.9		1.0	0.39
75-00-3	Chloroethane	20.7		1.0	0.83
67-66-3	Chloroform	19.1		1.0	0.47
74-87-3	Chloromethane	17.2		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	18.7		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	16.9		1.0	0.61
110-82-7	Cyclohexane	16.7		1.0	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		2.0	0.91
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.48
541-73-1	1,3-Dichlorobenzene	17.9		1.0	0.45
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.41
75-27-4	Dichlorobromomethane	18.1		1.0	0.17
75-71-8	Dichlorodifluoromethane	21.2		1.0	0.35
75-34-3	1,1-Dichloroethane	17.4		1.0	0.47
107-06-2	1,2-Dichloroethane	18.2		1.0	0.21
75-35-4	1,1-Dichloroethene	18.3		1.0	0.49
78-87-5	1,2-Dichloropropane	17.7		1.0	0.47
100-41-4	Ethylbenzene	17.5		1.0	0.42
106-93-4	Ethylene Dibromide	17.7		1.0	0.41
591-78-6	2-Hexanone	32.1		10	1.1
98-82-8	Isopropylbenzene	16.1		1.0	0.49
79-20-9	Methyl acetate	31.3		10	1.7
108-87-2	Methylcyclohexane	15.1		1.0	0.33
75-09-2	Methylene Chloride	17.2		5.0	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	32.8		10	0.99
1634-04-4	Methyl tert-butyl ether	17.3		1.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-535640/5
 Matrix: Water Lab File ID: UX003549.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/21/2022 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 535640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	17.6		1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.60
127-18-4	Tetrachloroethene	18.9		1.0	0.44
108-88-3	Toluene	17.9		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	16.8		1.0	0.67
120-82-1	1,2,4-Trichlorobenzene	16.7		1.0	0.77
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.48
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.48
79-01-6	Trichloroethene	19.4		1.0	0.44
75-69-4	Trichlorofluoromethane	20.9		1.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.6		1.0	0.41
75-01-4	Vinyl chloride	18.5		1.0	0.45
1330-20-7	Xylenes, Total	34.6		2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
1868-53-7	Dibromofluoromethane (Surr)	104		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
2037-26-5	Toluene-d8 (Surr)	99		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536683/5
 Matrix: Solid Lab File ID: 193688.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 07/28/2022 21:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	104		25	21
71-43-2	Benzene	50.8		5.0	0.70
75-25-2	Bromoform	42.6		5.0	2.4
74-83-9	Bromomethane	11.9		5.0	4.2
78-93-3	2-Butanone (MEK)	95.3		20	3.6
75-15-0	Carbon disulfide	53.5		5.0	1.2
56-23-5	Carbon tetrachloride	54.4		5.0	3.3
108-90-7	Chlorobenzene	49.0		5.0	0.92
124-48-1	Chlorodibromomethane	45.2		5.0	2.8
75-00-3	Chloroethane	11.5		5.0	2.7
67-66-3	Chloroform	50.9		5.0	0.79
74-87-3	Chloromethane	16.4		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	50.5		5.0	1.5
10061-01-5	cis-1,3-Dichloropropene	51.4		5.0	2.9
110-82-7	Cyclohexane	52.5		10	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	48.7		10	3.6
95-50-1	1,2-Dichlorobenzene	49.5		5.0	1.1
541-73-1	1,3-Dichlorobenzene	49.3		5.0	0.82
106-46-7	1,4-Dichlorobenzene	48.7		5.0	0.88
75-27-4	Dichlorobromomethane	50.9		5.0	1.5
75-71-8	Dichlorodifluoromethane	16.4		5.0	0.94
75-34-3	1,1-Dichloroethane	50.2		5.0	0.69
107-06-2	1,2-Dichloroethane	48.6		5.0	0.77
75-35-4	1,1-Dichloroethene	53.9		5.0	1.8
78-87-5	1,2-Dichloropropane	50.4		5.0	0.85
100-41-4	Ethylbenzene	49.9		5.0	1.0
106-93-4	Ethylene Dibromide	49.1		5.0	0.77
591-78-6	2-Hexanone	98.2		20	4.1
98-82-8	Isopropylbenzene	50.6		5.0	1.9
79-20-9	Methyl acetate	91.9		25	3.4
108-87-2	Methylcyclohexane	51.3		10	1.2
75-09-2	Methylene Chloride	43.8		25	12
108-10-1	4-Methyl-2-pentanone (MIBK)	93.4		20	3.7
1634-04-4	Methyl tert-butyl ether	47.9		5.0	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536683/5
 Matrix: Solid Lab File ID: 193688.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 07/28/2022 21:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	50.1		5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	48.5		5.0	1.4
127-18-4	Tetrachloroethene	51.0		5.0	0.73
108-88-3	Toluene	49.3		5.0	0.77
156-60-5	trans-1,2-Dichloroethene	49.1		5.0	1.4
10061-02-6	trans-1,3-Dichloropropene	51.6		5.0	3.7
120-82-1	1,2,4-Trichlorobenzene	50.0		5.0	2.5
71-55-6	1,1,1-Trichloroethane	52.3		5.0	1.8
79-00-5	1,1,2-Trichloroethane	49.9		5.0	1.1
79-01-6	Trichloroethene	52.1		5.0	0.63
75-69-4	Trichlorofluoromethane	14.3		5.0	2.7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	54.6		5.0	1.3
75-01-4	Vinyl chloride	15.6		5.0	1.8
1330-20-7	Xylenes, Total	101		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	118		41-143
1868-53-7	Dibromofluoromethane (Surr)	123		41-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		58-125
2037-26-5	Toluene-d8 (Surr)	119		56-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MS Lab Sample ID: 240-170019-3 MS
 Matrix: Solid Lab File ID: 193693.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.03(g) Date Analyzed: 07/29/2022 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	109		29	25
71-43-2	Benzene	54.5		5.9	0.82
75-25-2	Bromoform	34.9		5.9	2.8
74-83-9	Bromomethane	8.89		5.9	4.9
78-93-3	2-Butanone (MEK)	88.9		23	4.2
75-15-0	Carbon disulfide	65.3		5.9	1.4
56-23-5	Carbon tetrachloride	63.9		5.9	3.8
108-90-7	Chlorobenzene	48.6		5.9	1.1
124-48-1	Chlorodibromomethane	38.1		5.9	3.3
75-00-3	Chloroethane	14.6		5.9	3.2
67-66-3	Chloroform	52.2		5.9	0.92
74-87-3	Chloromethane	19.9		5.9	2.7
156-59-2	cis-1,2-Dichloroethene	52.1		5.9	1.7
10061-01-5	cis-1,3-Dichloropropene	45.2		5.9	3.4
110-82-7	Cyclohexane	64.6		12	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	41.0		12	4.2
95-50-1	1,2-Dichlorobenzene	42.3		5.9	1.3
541-73-1	1,3-Dichlorobenzene	43.9		5.9	0.96
106-46-7	1,4-Dichlorobenzene	43.1		5.9	1.0
75-27-4	Dichlorobromomethane	45.5		5.9	1.8
75-71-8	Dichlorodifluoromethane	21.5		5.9	1.1
75-34-3	1,1-Dichloroethane	53.8		5.9	0.81
107-06-2	1,2-Dichloroethane	43.6		5.9	0.90
75-35-4	1,1-Dichloroethene	68.5		5.9	2.1
78-87-5	1,2-Dichloropropane	50.0		5.9	1.0
100-41-4	Ethylbenzene	54.0		5.9	1.2
106-93-4	Ethylene Dibromide	41.3		5.9	0.90
591-78-6	2-Hexanone	83.4		23	4.8
98-82-8	Isopropylbenzene	54.5		5.9	2.2
79-20-9	Methyl acetate	89.1		29	4.0
108-87-2	Methylcyclohexane	59.8		12	1.4
75-09-2	Methylene Chloride	46.4		29	14
108-10-1	4-Methyl-2-pentanone (MIBK)	79.5		23	4.3
1634-04-4	Methyl tert-butyl ether	42.7		5.9	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MS Lab Sample ID: 240-170019-3 MS
 Matrix: Solid Lab File ID: 193693.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.03(g) Date Analyzed: 07/29/2022 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	48.1		5.9	1.4
79-34-5	1,1,2,2-Tetrachloroethane	41.3		5.9	1.7
127-18-4	Tetrachloroethene	58.0		5.9	0.85
108-88-3	Toluene	50.3		5.9	0.90
156-60-5	trans-1,2-Dichloroethene	58.1		5.9	1.7
10061-02-6	trans-1,3-Dichloropropene	41.1		5.9	4.3
120-82-1	1,2,4-Trichlorobenzene	35.0		5.9	2.9
71-55-6	1,1,1-Trichloroethane	60.6		5.9	2.1
79-00-5	1,1,2-Trichloroethane	42.3		5.9	1.3
79-01-6	Trichloroethene	59.5		5.9	0.74
75-69-4	Trichlorofluoromethane	18.3		5.9	3.1
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	69.3		5.9	1.5
75-01-4	Vinyl chloride	19.5		5.9	2.1
1330-20-7	Xylenes, Total	105		12	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	116		41-143
1868-53-7	Dibromofluoromethane (Surr)	125		41-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		58-125
2037-26-5	Toluene-d8 (Surr)	114		56-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MSD Lab Sample ID: 240-170019-3 MSD
 Matrix: Solid Lab File ID: 193694.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.06(g) Date Analyzed: 07/29/2022 00:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	113		29	24
71-43-2	Benzene	53.2		5.8	0.81
75-25-2	Bromoform	34.4		5.8	2.8
74-83-9	Bromomethane	10.5		5.8	4.8
78-93-3	2-Butanone (MEK)	82.4		23	4.1
75-15-0	Carbon disulfide	60.2		5.8	1.4
56-23-5	Carbon tetrachloride	62.2		5.8	3.8
108-90-7	Chlorobenzene	48.1		5.8	1.1
124-48-1	Chlorodibromomethane	38.2		5.8	3.2
75-00-3	Chloroethane	13.8		5.8	3.2
67-66-3	Chloroform	51.4		5.8	0.92
74-87-3	Chloromethane	18.3		5.8	2.7
156-59-2	cis-1,2-Dichloroethene	50.6		5.8	1.7
10061-01-5	cis-1,3-Dichloropropene	45.3		5.8	3.4
110-82-7	Cyclohexane	59.8		12	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	41.7		12	4.2
95-50-1	1,2-Dichlorobenzene	42.4		5.8	1.3
541-73-1	1,3-Dichlorobenzene	43.8		5.8	0.95
106-46-7	1,4-Dichlorobenzene	42.7		5.8	1.0
75-27-4	Dichlorobromomethane	45.6		5.8	1.7
75-71-8	Dichlorodifluoromethane	20.7		5.8	1.1
75-34-3	1,1-Dichloroethane	52.2		5.8	0.81
107-06-2	1,2-Dichloroethane	44.1		5.8	0.90
75-35-4	1,1-Dichloroethene	64.8		5.8	2.1
78-87-5	1,2-Dichloropropane	48.9		5.8	0.99
100-41-4	Ethylbenzene	53.4		5.8	1.2
106-93-4	Ethylene Dibromide	41.6		5.8	0.90
591-78-6	2-Hexanone	81.1		23	4.8
98-82-8	Isopropylbenzene	55.4		5.8	2.2
79-20-9	Methyl acetate	79.7		29	4.0
108-87-2	Methylcyclohexane	58.3		12	1.4
75-09-2	Methylene Chloride	44.0		29	14
108-10-1	4-Methyl-2-pentanone (MIBK)	77.3		23	4.3
1634-04-4	Methyl tert-butyl ether	41.3		5.8	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MSD Lab Sample ID: 240-170019-3 MSD
 Matrix: Solid Lab File ID: 193694.D
 Analysis Method: 8260C Date Collected: 07/18/2022 11:00
 Sample wt/vol: 5.06(g) Date Analyzed: 07/29/2022 00:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.1 % Solids: 84.9 Level: (low/med) Low
 Analysis Batch No.: 536683 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-42-5	Styrene	46.8		5.8	1.3
79-34-5	1,1,2,2-Tetrachloroethane	40.6		5.8	1.7
127-18-4	Tetrachloroethene	56.7		5.8	0.85
108-88-3	Toluene	52.3		5.8	0.90
156-60-5	trans-1,2-Dichloroethene	56.9		5.8	1.7
10061-02-6	trans-1,3-Dichloropropene	43.8		5.8	4.3
120-82-1	1,2,4-Trichlorobenzene	36.7		5.8	2.9
71-55-6	1,1,1-Trichloroethane	59.9		5.8	2.1
79-00-5	1,1,2-Trichloroethane	43.2		5.8	1.3
79-01-6	Trichloroethene	56.5		5.8	0.74
75-69-4	Trichlorofluoromethane	17.6		5.8	3.1
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	64.9		5.8	1.5
75-01-4	Vinyl chloride	18.8		5.8	2.1
1330-20-7	Xylenes, Total	104		12	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	114		41-143
1868-53-7	Dibromofluoromethane (Surr)	122		41-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		58-125
2037-26-5	Toluene-d8 (Surr)	118		56-125

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Start Date: 06/15/2022 19:19Analysis Batch Number: 530870 End Date: 06/16/2022 01:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-530870/1		06/15/2022 19:19	1	BFB19224.D	DB-624 0.18 (mm)
IC 240-530870/4		06/15/2022 20:24	1	193225.D	DB-624 0.18 (mm)
IC 240-530870/5		06/15/2022 20:49	1	193226.D	DB-624 0.18 (mm)
IC 240-530870/6		06/15/2022 21:15	1	193227.D	DB-624 0.18 (mm)
IC 240-530870/7		06/15/2022 21:40	1	193228.D	DB-624 0.18 (mm)
IC 240-530870/8		06/15/2022 22:06	1	193229.D	DB-624 0.18 (mm)
IC 240-530870/9		06/15/2022 22:32	1	193230.D	DB-624 0.18 (mm)
IC 240-530870/10		06/15/2022 22:57	1	193231.D	DB-624 0.18 (mm)
IC 240-530870/11		06/15/2022 23:22	1	193232.D	DB-624 0.18 (mm)
IC 240-530870/12		06/15/2022 23:48	1	193233.D	DB-624 0.18 (mm)
ICV 240-530870/15		06/16/2022 01:04	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Start Date: 06/22/2022 12:26Analysis Batch Number: 531795 End Date: 06/22/2022 18:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-531795/1		06/22/2022 12:26	1	BFB19230.D	DB-624 0.18 (mm)
IC 240-531795/3		06/22/2022 13:04	1	193284.D	DB-624 0.18 (mm)
IC 240-531795/4		06/22/2022 13:29	1	193285.D	DB-624 0.18 (mm)
IC 240-531795/5		06/22/2022 13:54	1	193286.D	DB-624 0.18 (mm)
IC 240-531795/6		06/22/2022 14:39	1	193287.D	DB-624 0.18 (mm)
IC 240-531795/7		06/22/2022 15:04	1	193288.D	DB-624 0.18 (mm)
ICIS 240-531795/8		06/22/2022 15:30	1	193289.D	DB-624 0.18 (mm)
IC 240-531795/9		06/22/2022 15:55	1	193290.D	DB-624 0.18 (mm)
IC 240-531795/10		06/22/2022 16:21	1	193291.D	DB-624 0.18 (mm)
IC 240-531795/11		06/22/2022 16:46	1	193292.D	DB-624 0.18 (mm)
ICV 240-531795/14		06/22/2022 18:02	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX18 Start Date: 07/28/2022 20:08

Analysis Batch Number: 536683 End Date: 07/29/2022 00:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-536683/1		07/28/2022 20:08	1	BFB19249.D	DB-624 0.18 (mm)
CCVIS 240-536683/2		07/28/2022 20:22	1		DB-624 0.18 (mm)
CCV 240-536683/3		07/28/2022 20:47	1	193686.D	DB-624 0.18 (mm)
CCVIS 240-536683/4		07/28/2022 21:24	1	193687.D	DB-624 0.18 (mm)
LCS 240-536683/5		07/28/2022 21:49	1	193688.D	DB-624 0.18 (mm)
ZZZZZ		07/28/2022 22:14	1		DB-624 0.18 (mm)
ZZZZZ		07/28/2022 22:39	1		DB-624 0.18 (mm)
240-170019-3	WC-GSP-S-071822	07/28/2022 23:19	1	193691.D	DB-624 0.18 (mm)
240-170019-3 MS	WC-GSP-S-071822 MS	07/29/2022 00:10	1	193693.D	DB-624 0.18 (mm)
240-170019-3 MSD	WC-GSP-S-071822 MSD	07/29/2022 00:35	1	193694.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX9 Start Date: 03/21/2022 15:34

Analysis Batch Number: 520426 End Date: 03/21/2022 22:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-520426/1		03/21/2022 15:34	1	BFB1493.D	DB-624 0.18 (mm)
STD8260 240-520426/8 IC		03/21/2022 16:23	1	UX000684.D	DB-624 0.18 (mm)
STD8260 240-520426/9 IC		03/21/2022 16:48	1	UX000685.D	DB-624 0.18 (mm)
STD8260 240-520426/10 IC		03/21/2022 17:12	1	UX000686.D	DB-624 0.18 (mm)
ICIS 240-520426/11		03/21/2022 17:37	1	UX000687.D	DB-624 0.18 (mm)
STD8260 240-520426/12 IC		03/21/2022 18:01	1	UX000688.D	DB-624 0.18 (mm)
STD8260 240-520426/13 IC		03/21/2022 18:25	1	UX000689.D	DB-624 0.18 (mm)
STD8260 240-520426/14 IC		03/21/2022 18:50	1	UX000690.D	DB-624 0.18 (mm)
ICV 240-520426/15		03/21/2022 19:14	1	UX000691.D	DB-624 0.18 (mm)
STDA9 240-520426/18 IC		03/21/2022 20:28	1		DB-624 0.18 (mm)
STDA9 240-520426/19 IC		03/21/2022 20:52	1		DB-624 0.18 (mm)
STDA9 240-520426/20 IC		03/21/2022 21:17	1		DB-624 0.18 (mm)
STDA9 240-520426/21 IC		03/21/2022 21:41	1		DB-624 0.18 (mm)
STDA9 240-520426/22 IC		03/21/2022 22:06	1		DB-624 0.18 (mm)
STDA9 240-520426/23 IC		03/21/2022 22:30	1		DB-624 0.18 (mm)
ICV 240-520426/24		03/21/2022 22:54	1	UX000700.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A3UX9 Start Date: 07/21/2022 10:34

Analysis Batch Number: 535640 End Date: 07/21/2022 22:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-535640/2		07/21/2022 10:34	1	BFB1604.D	DB-624 0.18 (mm)
CCVIS 240-535640/3		07/21/2022 11:02	1	UX003547b.D	DB-624 0.18 (mm)
CCV 240-535640/4		07/21/2022 11:26	1	UX003548.D	DB-624 0.18 (mm)
LCS 240-535640/5		07/21/2022 11:51	1	UX003549.D	DB-624 0.18 (mm)
ZZZZZ		07/21/2022 12:15	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 12:40	1		DB-624 0.18 (mm)
MB 240-535640/8		07/21/2022 13:04	1	UX003552.D	DB-624 0.18 (mm)
ZZZZZ		07/21/2022 13:29	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 13:53	1		DB-624 0.18 (mm)
240-170019-1	TB-071822	07/21/2022 14:18	1	UX003555.D	DB-624 0.18 (mm)
240-170019-2	WC-GSP-W-071822	07/21/2022 14:42	1	UX003556.D	DB-624 0.18 (mm)
ZZZZZ		07/21/2022 15:07	25		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 15:31	5		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 15:56	2		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 16:20	5		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 16:45	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 17:09	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 17:34	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 17:59	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 18:23	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 18:48	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 19:12	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 19:37	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 20:01	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 20:26	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 20:50	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 21:15	1		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 21:39	25		DB-624 0.18 (mm)
ZZZZZ		07/21/2022 22:04	25		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 520426 Batch Start Date: 03/21/22 15:34 Batch Analyst: Bosworth, Heather M

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm50is_stk_A 00010	vm50ss 00468	vm50ss_stk 00090	vmarolistdw 00429
BFB 240-520426/1		8260C		5 mL	5 mL				
STD8260 240-520426/8 IC		8260C		5 mL	5 mL	2 uL	0.4 uL		0.4 uL
STD8260 240-520426/9 IC		8260C		5 mL	5 mL	2 uL	0.8 uL		0.8 uL
STD8260 240-520426/10 IC		8260C		5 mL	5 mL	2 uL	8 uL		8 uL
ICIS 240-520426/11		8260C		5 mL	5 mL	2 uL	16 uL		16 uL
STD8260 240-520426/12 IC		8260C		5 mL	5 mL	2 uL	24 uL		24 uL
STD8260 240-520426/13 IC		8260C		5 mL	5 mL	2 uL	32 uL		32 uL
STD8260 240-520426/14 IC		8260C		5 mL	5 mL	2 uL	48 uL		48 uL
ICV 240-520426/15		8260C		5 mL	5 mL	2 uL		2 uL	
ICV 240-520426/24		8260C		5 mL	5 mL	2 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00029	vmfasa9w 00352	vmfasaw 00410	vmfasgw 00446	vmfaspw 00436	vmrgas 00419
BFB 240-520426/1		8260C		1 uL					
STD8260 240-520426/8 IC		8260C							0.4 uL
STD8260 240-520426/9 IC		8260C							0.8 uL
STD8260 240-520426/10 IC		8260C							8 uL
ICIS 240-520426/11		8260C							16 uL
STD8260 240-520426/12 IC		8260C							24 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 520426 Batch Start Date: 03/21/22 15:34 Batch Analyst: Bosworth, Heather M

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00029	vmfasa9w 00352	vmfasaw 00410	vmfasgw 00446	vmfaspw 00436	vmrgas 00419
STD8260 240-520426/13 IC		8260C							32 uL
STD8260 240-520426/14 IC		8260C							48 uL
ICV 240-520426/15		8260C				16 uL	16 uL	16 uL	
ICV 240-520426/24		8260C			16 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00473					
BFB 240-520426/1		8260C							
STD8260 240-520426/8 IC		8260C		0.4 uL					
STD8260 240-520426/9 IC		8260C		0.8 uL					
STD8260 240-520426/10 IC		8260C		8 uL					
ICIS 240-520426/11		8260C		16 uL					
STD8260 240-520426/12 IC		8260C		24 uL					
STD8260 240-520426/13 IC		8260C		32 uL					
STD8260 240-520426/14 IC		8260C		48 uL					
ICV 240-520426/15		8260C							
ICV 240-520426/24		8260C							

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 520426 Batch Start Date: 03/21/22 15:34 Batch Analyst: Bosworth, Heather M

Batch Method: 8260C Batch End Date: _____

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 530870 Batch Start Date: 06/15/22 19:19 Batch Analyst: Seymour, Charles

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm25UX18IS 00005	vmbfb 00030	VMRGAS 00430	
BFB 240-530870/1		8260C		5 mL	5 mL		1 uL		
IC 240-530870/4		8260C		5 mL	5 mL	12.13 uL		0.1 uL	
IC 240-530870/5		8260C		5 mL	5 mL	12.13 uL		0.2 uL	
IC 240-530870/6		8260C		5 mL	5 mL	12.13 uL		0.5 uL	
IC 240-530870/7		8260C		5 mL	5 mL	12.13 uL		1 uL	
IC 240-530870/8		8260C		5 mL	5 mL	12.13 uL		2 uL	
IC 240-530870/9		8260C		5 mL	5 mL	12.13 uL		3 uL	
IC 240-530870/10		8260C		5 mL	5 mL	12.13 uL		4 uL	
IC 240-530870/11		8260C		5 mL	5 mL	12.13 uL		5 uL	
IC 240-530870/12		8260C		5 mL	5 mL	12.13 uL		6 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 531795 Batch Start Date: 06/22/22 12:26 Batch Analyst: Seymour, Charles

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm25UX18IS 00005	vm50ss 00477	vmarolistdw 00443	vmbfb 00030
BFB 240-531795/1		8260C		5 mL	5 mL				1 uL
IC 240-531795/3		8260C		5 mL	5 mL	12.13 uL	0.1 uL	0.1 uL	
IC 240-531795/4		8260C		5 mL	5 mL	12.13 uL	0.2 uL	0.2 uL	
IC 240-531795/5		8260C		5 mL	5 mL	12.13 uL	0.5 uL	0.5 uL	
IC 240-531795/6		8260C		5 mL	5 mL	12.13 uL	1 uL	1 uL	
IC 240-531795/7		8260C		5 mL	5 mL	12.13 uL	2 uL	2 uL	
ICIS 240-531795/8		8260C		5 mL	5 mL	12.13 uL	5 uL	5 uL	
IC 240-531795/9		8260C		5 mL	5 mL	12.13 uL	10 uL	10 uL	
IC 240-531795/10		8260C		5 mL	5 mL	12.13 uL	20 uL	20 uL	
IC 240-531795/11		8260C		5 mL	5 mL	12.13 uL	25 uL	25 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMRPRIMW 00486					
BFB 240-531795/1		8260C							
IC 240-531795/3		8260C		0.1 uL					
IC 240-531795/4		8260C		0.2 uL					
IC 240-531795/5		8260C		0.5 uL					
IC 240-531795/6		8260C		1 uL					
IC 240-531795/7		8260C		2 uL					
ICIS 240-531795/8		8260C		5 uL					
IC 240-531795/9		8260C		10 uL					
IC 240-531795/10		8260C		20 uL					
IC 240-531795/11		8260C		25 uL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 531795 Batch Start Date: 06/22/22 12:26 Batch Analyst: Seymour, Charles

Batch Method: 8260C Batch End Date: _____

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535640 Batch Start Date: 07/21/22 10:34 Batch Analyst: Bosworth, Heather M

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00012	vm50ss_stk 00092	vmarolistdw 00446
BFB 240-535640/2		8260C		5 mL	5 mL				
CCVIS 240-535640/3		8260C		5 mL	5 mL		2 uL	2.246 uL	16 uL
CCV 240-535640/4		8260C		5 mL	5 mL		2 uL		
LCS 240-535640/5		8260C		5 mL	5 mL		2 uL	2.246 uL	
MB 240-535640/8		8260C		5 mL	5 mL		2 uL	2.246 uL	
240-170019-A-1	TB-071822	8260C	T	5 mL	5 mL	<2 SU	2 uL	2.246 uL	
240-170019-B-2	WC-GSP-W-071822	8260C	T	5 mL	5 mL	<2 SU	2 uL	2.246 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00030	vmfasaw 00426	vmfasgw 00464	vmfaspw 00452	VMRA9W 00443	vmrgas 00434
BFB 240-535640/2		8260C		1 uL					
CCVIS 240-535640/3		8260C							16 uL
CCV 240-535640/4		8260C						16 uL	
LCS 240-535640/5		8260C			16 uL	16 uL	16 uL		
MB 240-535640/8		8260C							
240-170019-A-1	TB-071822	8260C	T						
240-170019-B-2	WC-GSP-W-071822	8260C	T						

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00490					
BFB 240-535640/2		8260C							
CCVIS 240-535640/3		8260C		16 uL					
CCV 240-535640/4		8260C							
LCS 240-535640/5		8260C							
MB 240-535640/8		8260C							
240-170019-A-1	TB-071822	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535640 Batch Start Date: 07/21/22 10:34 Batch Analyst: Bosworth, Heather M

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00490					
240-170019-B-2	WC-GSP-W-071822	8260C	T						

Batch Notes	
pH Indicator ID	HCl78690

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536683 Batch Start Date: 07/28/22 20:08 Batch Analyst: Seymour, Charles

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm25ux18is 00005	vm25ux18ss 00006	vmarolistdw 00447	vmbfb 00030
BFB 240-536683/1		8260C		5 mL	5 mL				1 uL
CCV 240-536683/3		8260C		5 mL	5 mL	12.13 uL			
CCVIS 240-536683/4		8260C		5 mL	5 mL	12.13 uL	10 uL	5 uL	
LCS 240-536683/5		8260C		5 g	5 mL	12.13 uL	10 uL		
240-170019-B-3-D	WC-GSP-S-071822	8260C	T	5 g	5 mL	12.13 uL	10 uL		
240-170019-B-3-F MS	WC-GSP-S-071822	8260C	T	5 g	5 mL	12.13 uL	10 uL		
240-170019-B-3-G MSD	WC-GSP-S-071822	8260C	T	5 g	5 mL	12.13 uL	10 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmfasaw 00427	vmfasgw 00464	vmfaspw 00453	vmra9w 00444	vmrgas 00435	vmrprimw 00491
BFB 240-536683/1		8260C							
CCV 240-536683/3		8260C					5 uL		
CCVIS 240-536683/4		8260C						2 uL	5 uL
LCS 240-536683/5		8260C		5 uL	2 uL	5 uL			
240-170019-B-3-D	WC-GSP-S-071822	8260C	T						
240-170019-B-3-F MS	WC-GSP-S-071822	8260C	T	5 uL	2 uL	5 uL			
240-170019-B-3-G MSD	WC-GSP-S-071822	8260C	T	5 uL	2 uL	5 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536685 Batch Start Date: 07/28/22 22:32 Batch Analyst: Seymour, Charles

Batch Method: 5030C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-170019-B-3	WC-GSP-S-071822	5030C, 8260C	T	5.09 g	5 mL				

Batch Notes	
Balance ID	B050
Blank Matrix ID	211540
Vial Lot Number	5638194

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082A

Polychlorinated Biphenyls (PCBs)
(GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (2): CLP-1 (0.53 ID: 0.53 (mm))

Client Sample ID	Lab Sample ID	TCX2 #	DCBP2 #
WC-GSP-S-071822	240-170019-3	47	54
	MB 240-536979/4-A	46	62
	LCS 240-536979/5-A	94	106
WC-GSP-S-071822 MS	240-170019-3 MS	47	55
WC-GSP-S-071822 MSD	240-170019-3 MSD	57	74

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
10-149
10-174

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): CLP-2 (0.53 ID: 0.53 (mm))

Client Sample ID	Lab Sample ID	TCX1 #	DCBP1 #
WC-GSP-W-071822	240-170019-2	69	19
	MB 240-536374/21-A	85	15
	LCS 240-536374/22-A	89	22

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
10-149
10-174

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P19072910.D

Lab ID: LCS 240-536374/22-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	2.50	2.00	80	28-140	
Aroclor-1260	2.50	1.81	72	39-153	

Column to be used to flag recovery and RPD values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: P12080110.D
 Lab ID: LCS 240-536979/5-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	1000	751	75	28-140	
Aroclor-1260	1000	933	93	39-153	

Column to be used to flag recovery and RPD values
 FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: P12080112.D
 Lab ID: 240-170019-3 MS Client ID: WC-GSP-S-071822 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	1180	25 U	441	37	10-146	
Aroclor-1260	1180	25 U	576	49	10-158	

Column to be used to flag recovery and RPD values
 FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: P12080113.D
 Lab ID: 240-170019-3 MSD Client ID: WC-GSP-S-071822 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor-1016	1160	498	43	12	40	10-146	
Aroclor-1260	1160	708	61	21	40	10-158	

Column to be used to flag recovery and RPD values
 FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: MB 240-536374/21-A
 Matrix: Water Date Extracted: 07/27/2022 09:17
 Lab File ID: (1) P19072909.D Lab File ID: (2) P19072909.D
 Date Analyzed: (1) 07/29/2022 08:56 Date Analyzed: (2) 07/29/2022 08:56
 Instrument ID: (1) A2HP19 Instrument ID: (2) A2HP19
 GC Column: (1) CLP-2 (0.53m ID: 0.53(mm)) GC Column: (2) CLP-1 (0.53m ID: 0.53(mm))

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-536374/22-A	07/29/2022 09:13	07/29/2022 09:13
WC-GSP-W-071822	240-170019-2	07/29/2022 09:46	07/29/2022 09:46

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: MB 240-536979/4-A
 Matrix: Solid Date Extracted: 08/01/2022 10:18
 Lab File ID: (1) P12080109.D Lab File ID: (2) P12080109.D
 Date Analyzed: (1) 08/02/2022 11:38 Date Analyzed: (2) 08/02/2022 11:38
 Instrument ID: (1) A2HP12 Instrument ID: (2) A2HP12
 GC Column: (1) CLP-2 (0.53m ID: 0.53(mm)) GC Column: (2) CLP-1 (0.53m ID: 0.53(mm))

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-536979/5-A	08/02/2022 11:54	08/02/2022 11:54
WC-GSP-S-071822	240-170019-3	08/02/2022 12:10	08/02/2022 12:10
WC-GSP-S-071822 MS	240-170019-3 MS	08/02/2022 12:26	08/02/2022 12:26
WC-GSP-S-071822 MSD	240-170019-3 MSD	08/02/2022 12:41	08/02/2022 12:41

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: STD05 240-536024/31 Date Analyzed: 07/25/2022 19:30
 Instrument ID: A2HP12 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P12072531.D Heated Purge: (Y/N) N
 Calibration ID: 66912

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	168818901	1.77				
UPPER LIMIT	337637802	2.27				
LOWER LIMIT	84409451	1.27				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-536024/34		175466271	1.77			
ICV 240-536024/35		170665472	1.77			
ICV 240-536024/36		199658198	1.77			
ICV 240-536024/37		171828246	1.77			
ICV 240-536024/38		194515633	1.77			
ICV 240-536024/39		157829356	1.77			
ICV 240-536024/40		240368359	1.77			
ICV 240-536024/41		179824652	1.78			
CCV 240-537164/3 CCVIS		185553038	1.78			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: STD05 240-536024/31 Date Analyzed: 07/25/2022 19:30
 Instrument ID: A2HP12 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P12072531.D Heated Purge: (Y/N) N
 Calibration ID: 66913

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	42664386	2.13				
UPPER LIMIT	85328772	2.63				
LOWER LIMIT	21332193	1.63				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-536024/34		44552444	2.13			
ICV 240-536024/35		43667402	2.13			
ICV 240-536024/36		50527902	2.13			
ICV 240-536024/37		43690444	2.13			
ICV 240-536024/38		49390265	2.13			
ICV 240-536024/39		40363614	2.13			
ICV 240-536024/40		61760207	2.13			
ICV 240-536024/41		45929285	2.14			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: CCV 240-537164/3 Date Analyzed: 08/02/2022 10:03
 Instrument ID: A2HP12 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P12080103.D Heated Purge: (Y/N) N
 Calibration ID: 66912

	BNB		#	RT #	#	RT #
	AREA #	RT #				
12/24 HOUR STD	185553038	1.78				
UPPER LIMIT	371106076	2.28				
LOWER LIMIT	92776519	1.28				
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCV 240-537164/4		185347759	1.78			
CCV 240-537164/5		207270578	1.77			
CCV 240-537164/6		192622253	1.78			
CCV 240-537164/7		216111220	1.77			
MB 240-536979/4-A		246369988	1.77			
LCS 240-536979/5-A		204047980	1.77			
240-170019-3	WC-GSP-S-071822	203774638	1.77			
240-170019-3 MS	WC-GSP-S-071822 MS	222831884	1.77			
240-170019-3 MSD	WC-GSP-S-071822 MSD	226739899	1.77			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: STD05 240-529358/31 Date Analyzed: 06/06/2022 22:47
 Instrument ID: A2HP19 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P19060631.D Heated Purge: (Y/N) N
 Calibration ID: 66117

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		36145679	1.90				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-529358/34		45955750	1.90				
ICV 240-529358/35		46167239	1.89				
ICV 240-529358/36		47457398	1.89				
ICV 240-529358/37		33686654	1.89				
ICV 240-529358/38		46080511	1.89				
ICV 240-529358/39		44515938	1.90				
ICV 240-529358/40		30693395	1.89				
ICV 240-529358/41		40594380	1.89				

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: STD05 240-529358/31 Date Analyzed: 06/06/2022 22:47
 Instrument ID: A2HP19 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P19060631.D Heated Purge: (Y/N) N
 Calibration ID: 66118

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		40489092	2.42				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-529358/34		51252997	2.42				
ICV 240-529358/35		51989086	2.42				
ICV 240-529358/36		53498858	2.42				
ICV 240-529358/37		37531840	2.42				
ICV 240-529358/38		51521990	2.42				
ICV 240-529358/39		49485537	2.42				
ICV 240-529358/40		34676589	2.42				
ICV 240-529358/41		45362647	2.42				
CCV 240-536712/3 CCVIS		39683305	2.29				

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Sample No.: CCV 240-536712/3 Date Analyzed: 07/29/2022 07:15
 Instrument ID: A2HP19 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P19072903.D Heated Purge: (Y/N) N
 Calibration ID: 66118

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		39683305	2.29				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-536712/4		39127419	2.29				
CCV 240-536712/5		38992771	2.29				
CCV 240-536712/6		40493071	2.29				
CCV 240-536712/7		41541547	2.29				
MB 240-536374/21-A		33219446	2.29				
LCS 240-536374/22-A		34534980	2.29				
240-170019-2	WC-GSP-W-071822	33116338	2.29				

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MS Lab Sample ID: 240-170019-3 MS
 Instrument ID (1): A2HP12 Instrument ID (2): A2HP12
 Date Analyzed (1): 08/02/2022 12:26 Date Analyzed (2): 08/02/2022 12:26
 GC Column (1): CLP-2 (0.53mm ID: 0.53(mm)) GC Column (2): CLP-1 (0.53mm ID: 0.53(mm))

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.46	4.44	4.48	444	524	17.2
		2	5.04	5.02	5.06	484		
		3	5.59	5.58	5.61	608		
		4	5.75	5.73	5.77	545		
		5	6.02	6.00	6.04	539		
	2	1	3.41	3.39	3.43	433	441	
		2	4.01	4.00	4.04	449		
		3	4.68	4.66	4.70	451		
		4	4.85	4.84	4.88	408		
		5	5.16	5.15	5.19	465		
Aroclor-1260	1	1	7.47	7.45	7.49	584	616	6.7
		2	7.67	7.65	7.69	619		
		3	7.98	7.96	8.00	615		
		4	8.53	8.51	8.55	633		
		5	8.82	8.80	8.84	628		
	2	1	6.63	6.61	6.65	557	576	
		2	6.90	6.88	6.92	576		
		3	7.15	7.13	7.17	598		
		4	7.75	7.73	7.77	579		
		5	7.99	7.98	8.01	571		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MSD Lab Sample ID: 240-170019-3 MSD
 Instrument ID (1): A2HP12 Instrument ID (2): A2HP12
 Date Analyzed (1): 08/02/2022 12:41 Date Analyzed (2): 08/02/2022 12:41
 GC Column (1): CLP-2 (0.53mm ID: 0.53(mm)) GC Column (2): CLP-1 (0.53mm ID: 0.53(mm))

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.46	4.44	4.48	511	597	18.0
		2	5.04	5.02	5.06	556		
		3	5.59	5.58	5.61	695		
		4	5.75	5.73	5.77	609		
		5	6.02	6.00	6.04	612		
	2	1	3.41	3.39	3.43	490	498	
		2	4.01	4.00	4.04	523		
		3	4.68	4.66	4.70	521		
		4	4.86	4.84	4.88	426		
		5	5.17	5.15	5.19	531		
Aroclor-1260	1	1	7.47	7.45	7.49	674	740	4.4
		2	7.67	7.65	7.69	737		
		3	7.98	7.96	8.00	731		
		4	8.53	8.51	8.55	782		
		5	8.82	8.80	8.84	774		
	2	1	6.63	6.61	6.65	662	708	
		2	6.90	6.88	6.92	693		
		3	7.15	7.13	7.17	724		
		4	7.75	7.73	7.77	738		
		5	7.99	7.98	8.01	724		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536374/22-A
 Instrument ID (1): A2HP19 Instrument ID (2): A2HP19
 Date Analyzed (1): 07/29/2022 09:13 Date Analyzed (2): 07/29/2022 09:13
 GC Column (1): CLP-2 (0.53mm ID: 0.53(mm)) GC Column (2): CLP-1 (0.53mm ID: 0.53(mm))

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.77	4.74	4.80	1.85	2.00	5.8
		2	5.38	5.35	5.41	1.91		
		3	5.95	5.92	5.98	2.23		
		4	6.11	6.08	6.14	2.06		
		5	6.40	6.36	6.42	1.94		
	2	1	3.51	3.48	3.54	2.24	2.12	
		2	4.12	4.09	4.15	1.95		
		3	4.86	4.83	4.89	2.04		
		4	5.04	5.01	5.07	2.14		
		5	5.13	5.10	5.16	2.23		
Aroclor-1260	1	1	7.87	7.84	7.90	1.77	1.81	0.9
		2	8.07	8.04	8.10	1.85		
		3	8.38	8.35	8.41	1.85		
		4	8.94	8.91	8.97	1.79		
		5	9.24	9.21	9.27	1.77		
	2	1	6.89	6.86	6.92	1.80	1.82	
		2	7.16	7.13	7.19	1.85		
		3	7.42	7.39	7.45	1.89		
		4	8.03	8.00	8.06	1.81		
		5	8.28	8.25	8.31	1.76		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536979/5-A
 Instrument ID (1): A2HP12 Instrument ID (2): A2HP12
 Date Analyzed (1): 08/02/2022 11:54 Date Analyzed (2): 08/02/2022 11:54
 GC Column (1): CLP-2 (0.53mm ID: 0.53(mm)) GC Column (2): CLP-1 (0.53mm ID: 0.53(mm))

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.46	4.44	4.48	723	811	7.7
		2	5.04	5.02	5.06	769		
		3	5.59	5.58	5.61	919		
		4	5.75	5.73	5.77	816		
		5	6.02	6.00	6.04	830		
	2	1	3.41	3.39	3.43	709	751	
		2	4.01	4.00	4.04	733		
		3	4.68	4.66	4.70	712		
		4	4.85	4.84	4.88	858		
		5	5.16	5.15	5.19	744		
Aroclor-1260	1	1	7.47	7.45	7.49	923	953	2.2
		2	7.66	7.65	7.69	949		
		3	7.98	7.96	8.00	952		
		4	8.53	8.51	8.55	974		
		5	8.82	8.80	8.84	969		
	2	1	6.63	6.61	6.65	901	933	
		2	6.89	6.88	6.92	927		
		3	7.15	7.13	7.17	959		
		4	7.75	7.73	7.77	942		
		5	7.99	7.98	8.01	935		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-W-071822 Lab Sample ID: 240-170019-2
 Matrix: Water Lab File ID: P19072912.D
 Analysis Method: 8082A Date Collected: 07/18/2022 11:10
 Extraction Method: 3510C Date Extracted: 07/27/2022 09:14
 Sample wt/vol: 960(mL) Date Analyzed: 07/29/2022 09:46
 Con. Extract Vol.: 2(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 (0.53mm) ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 536712 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	0.058	U	0.10	0.058
11104-28-2	Aroclor-1221	0.059	U	0.10	0.059
11141-16-5	Aroclor-1232	0.077	U	0.10	0.077
53469-21-9	Aroclor-1242	0.079	U	0.10	0.079
12672-29-6	Aroclor-1248	0.052	U	0.10	0.052
11097-69-1	Aroclor-1254	0.042	U	0.10	0.042
11096-82-5	Aroclor-1260	0.048	U	0.10	0.048
37324-23-5	Aroclor-1262	0.060	U	0.10	0.060
11100-14-4	Aroclor-1268	0.065	U	0.10	0.065

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	69		10-149
2051-24-3	DCB Decachlorobiphenyl	19		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 Lab Sample ID: 240-170019-3
 Matrix: Solid Lab File ID: P12080111.D
 Analysis Method: 8082A Date Collected: 07/18/2022 11:00
 Extraction Method: 3550B Date Extracted: 08/01/2022 10:18
 Sample wt/vol: 10.49(g) Date Analyzed: 08/02/2022 12:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 (0.53mm) ID: 0.53(mm)
 % Moisture: 15.1 % Solids: 84.9 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 537164 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	25	U	56	25
11104-28-2	Aroclor-1221	27	U	56	27
11141-16-5	Aroclor-1232	26	U	56	26
53469-21-9	Aroclor-1242	21	U	56	21
12672-29-6	Aroclor-1248	27	U	56	27
11097-69-1	Aroclor-1254	26	U	56	26
11096-82-5	Aroclor-1260	25	U	56	25
37324-23-5	Aroclor-1262	35	U	56	35
11100-14-4	Aroclor-1268	26	U	56	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	47		10-149
2051-24-3	DCB Decachlorobiphenyl	54		10-174

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 12:22 Calibration End Date: 07/25/2022 13:41 Calibration ID: 66880

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/4	P12072504.D
Level 2	STD01 240-536024/5	P12072505.D
Level 3	STD02 240-536024/6	P12072506.D
Level 4	STD05 240-536024/7	P12072507.D
Level 5	STD1 240-536024/8	P12072508.D
Level 6	STD15 240-536024/9	P12072509.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0408 0.0263	0.0367	0.0333	0.0298	0.0272	Ave		0.032 3			17.5		20.0				
PCB-1232 Peak 2	0.0292 0.0199	0.0275	0.0244	0.0219	0.0205	Ave		0.023 9			16.0		20.0				
PCB-1232 Peak 3	0.0518 0.0375	0.0473	0.0432	0.0397	0.0380	Ave		0.042 9			13.2		20.0				
PCB-1232 Peak 4	0.0301 0.0194	0.0266	0.0240	0.0220	0.0204	Ave		0.023 8			17.0		20.0				
PCB-1232 Peak 5	0.0146 0.0090	0.0126	0.0114	0.0107	0.0099	Ave		0.011 4			17.5		20.0				
PCB-1262 Peak 1	0.0563 0.0388	0.0479	0.0434	0.0426	0.0413	Ave		0.045 0			13.9		20.0				
PCB-1262 Peak 2	0.0978 0.0691	0.0821	0.0763	0.0765	0.0752	Ave		0.079 5			12.4		20.0				
PCB-1262 Peak 3	0.0869 0.0629	0.0724	0.0678	0.0696	0.0687	Ave		0.071 4			11.5		20.0				
PCB-1262 Peak 4	0.1871 0.1367	0.1601	0.1512	0.1492	0.1504	Ave		0.155 8			11.0		20.0				
PCB-1262 Peak 5	0.0774 0.0526	0.0638	0.0599	0.0605	0.0588	Ave		0.062 2			13.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 12:22 Calibration End Date: 07/25/2022 13:41 Calibration ID: 66880

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/4	P12072504.D
Level 2	STD01 240-536024/5	P12072505.D
Level 3	STD02 240-536024/6	P12072506.D
Level 4	STD05 240-536024/7	P12072507.D
Level 5	STD1 240-536024/8	P12072508.D
Level 6	STD15 240-536024/9	P12072509.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	7567789 131671491	12432024	22152918	49805142	92751983	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	5429876 99694701	9314778	16252784	36700306	69791284	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	9611442 187875016	16031876	28757906	66441959	129762006	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	5596097 97328159	9025794	15964844	36848313	69561538	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	2705799 45210620	4284835	7609492	17949401	33905490	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	10446745 194174340	16230347	28910912	71368813	140862507	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	18149949 346178596	27836471	50818290	128102619	256407112	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	16140616 315204336	24548108	45156732	116542772	234344853	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	34742130 684284173	54279959	100642045	249628604	513225984	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	14370935 263593906	21644305	39910505	101189294	200614378	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

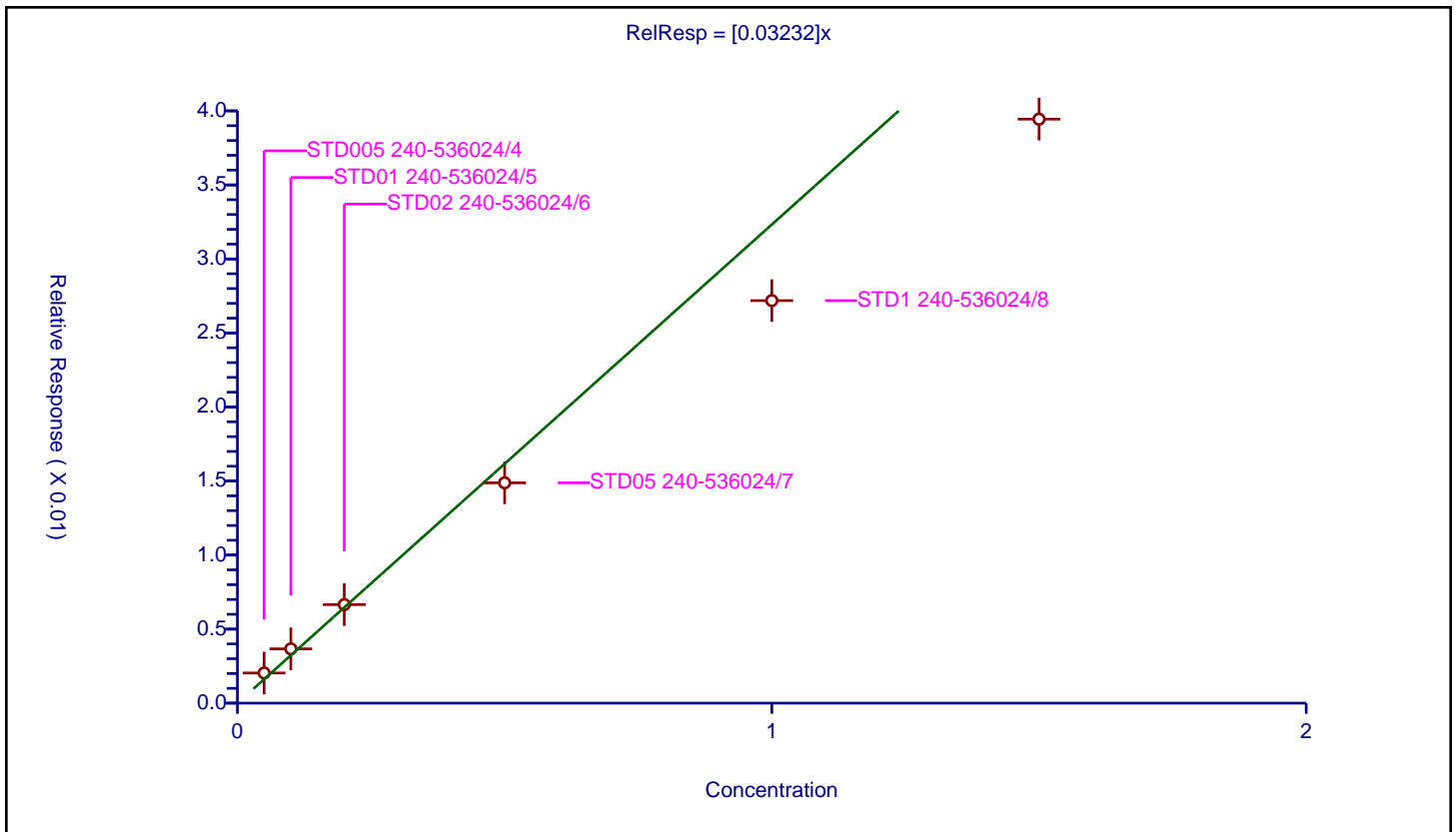
/ PCB-1232 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03232

Error Coefficients	
Standard Error:	76300000
Relative Standard Error:	17.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.935

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.002038	0.05	185662686.0	0.040761	Y
2	STD01 240-536024/5	0.1	0.003667	0.05	169517659.0	0.036669	Y
3	STD02 240-536024/6	0.2	0.006655	0.05	166440372.0	0.033275	Y
4	STD05 240-536024/7	0.5	0.014879	0.05	167367353.0	0.029758	Y
5	STD1 240-536024/8	1.0	0.027186	0.05	170585430.0	0.027186	Y
6	STD15 240-536024/9	1.5	0.039443	0.05	166913652.0	0.026295	Y



Calibration

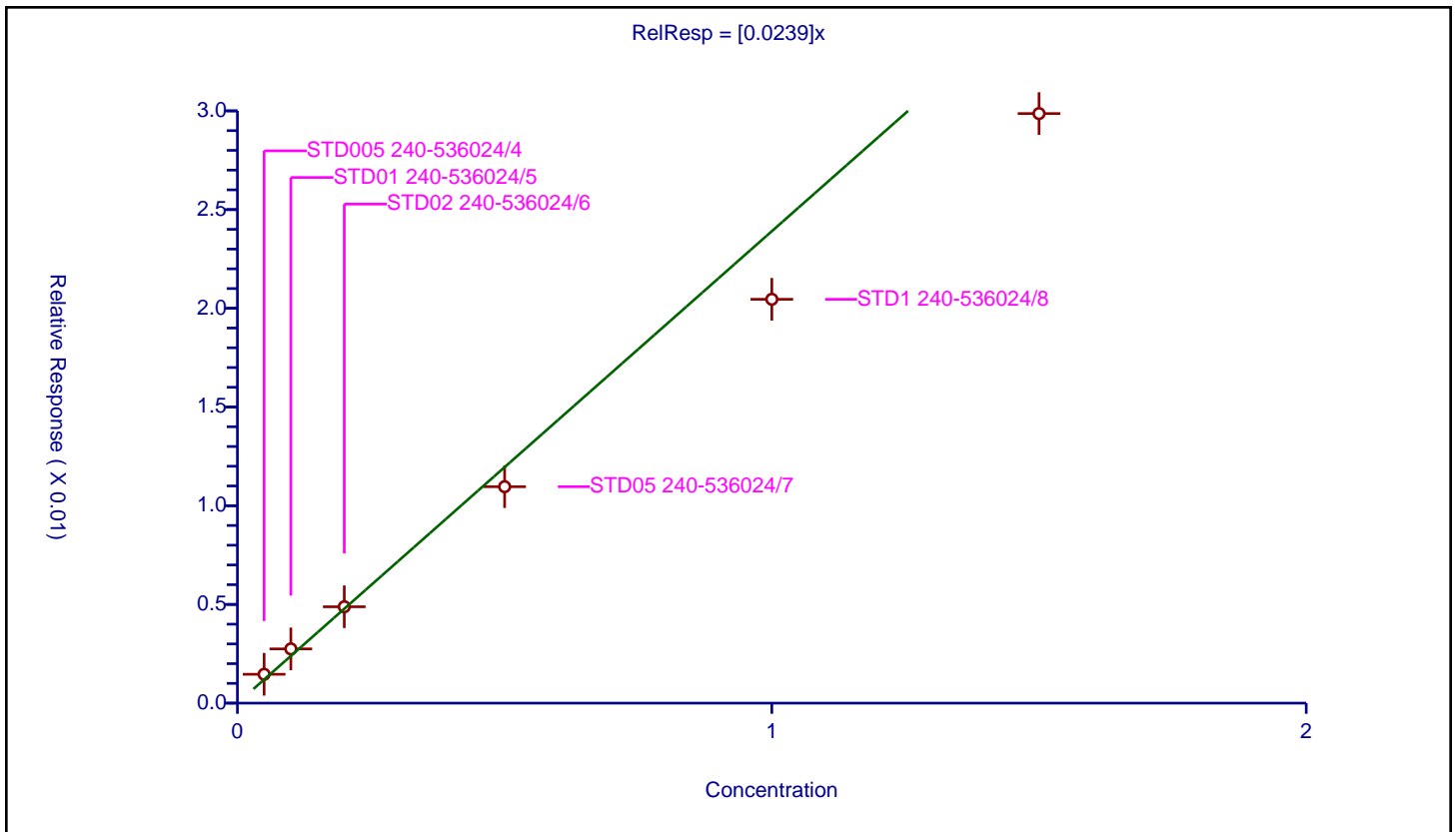
/ PCB-1232 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0239

Error Coefficients	
Standard Error:	57500000
Relative Standard Error:	16.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.001462	0.05	185662686.0	0.029246	Y
2	STD01 240-536024/5	0.1	0.002747	0.05	169517659.0	0.027474	Y
3	STD02 240-536024/6	0.2	0.004882	0.05	166440372.0	0.024412	Y
4	STD05 240-536024/7	0.5	0.010964	0.05	167367353.0	0.021928	Y
5	STD1 240-536024/8	1.0	0.020456	0.05	170585430.0	0.020456	Y
6	STD15 240-536024/9	1.5	0.029864	0.05	166913652.0	0.019909	Y



Calibration

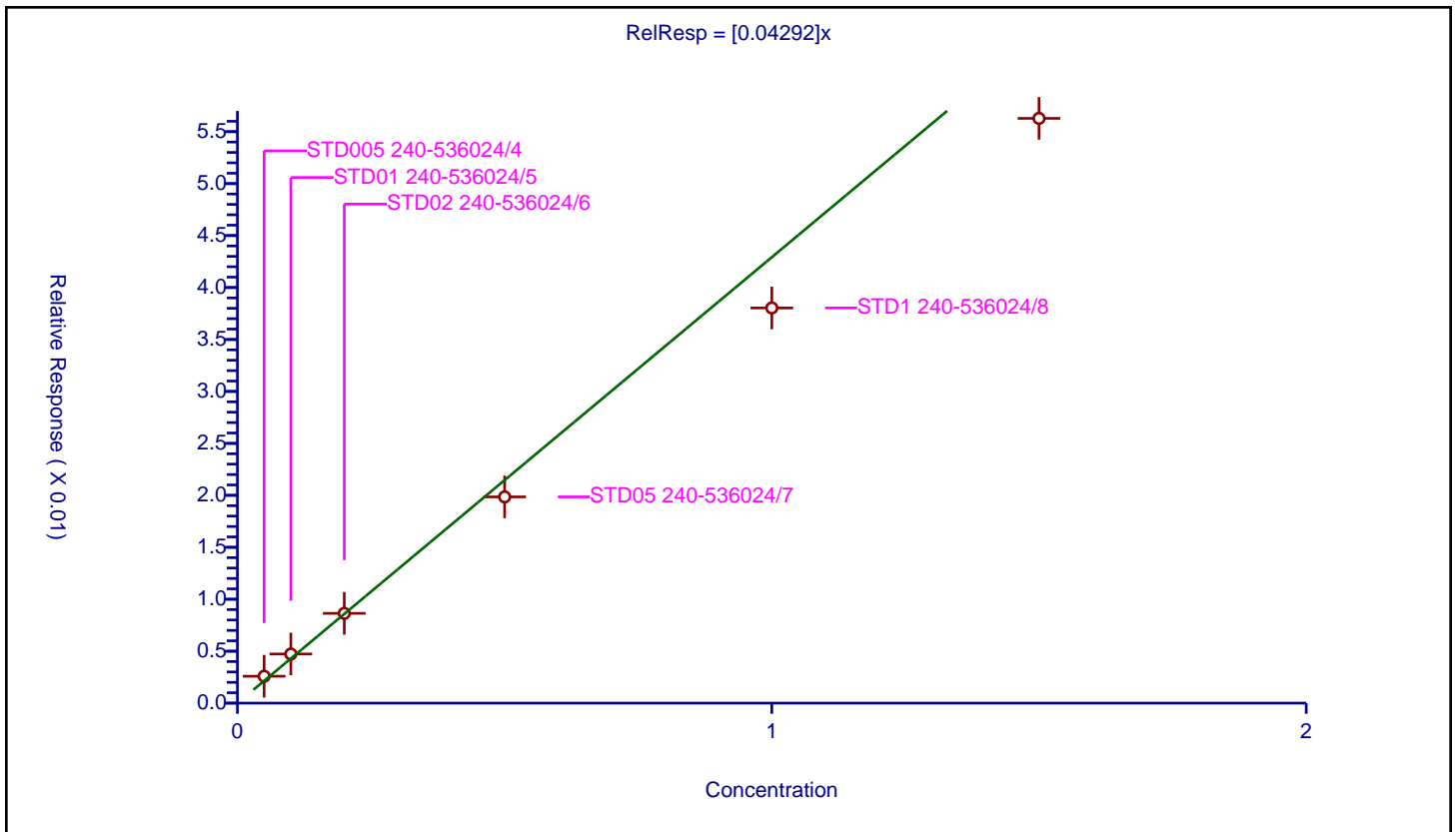
/ PCB-1232 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04292

Error Coefficients	
Standard Error:	107000000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.002588	0.05	185662686.0	0.051768	Y
2	STD01 240-536024/5	0.1	0.004729	0.05	169517659.0	0.047287	Y
3	STD02 240-536024/6	0.2	0.008639	0.05	166440372.0	0.043196	Y
4	STD05 240-536024/7	0.5	0.019849	0.05	167367353.0	0.039698	Y
5	STD1 240-536024/8	1.0	0.038034	0.05	170585430.0	0.038034	Y
6	STD15 240-536024/9	1.5	0.056279	0.05	166913652.0	0.037519	Y



Calibration

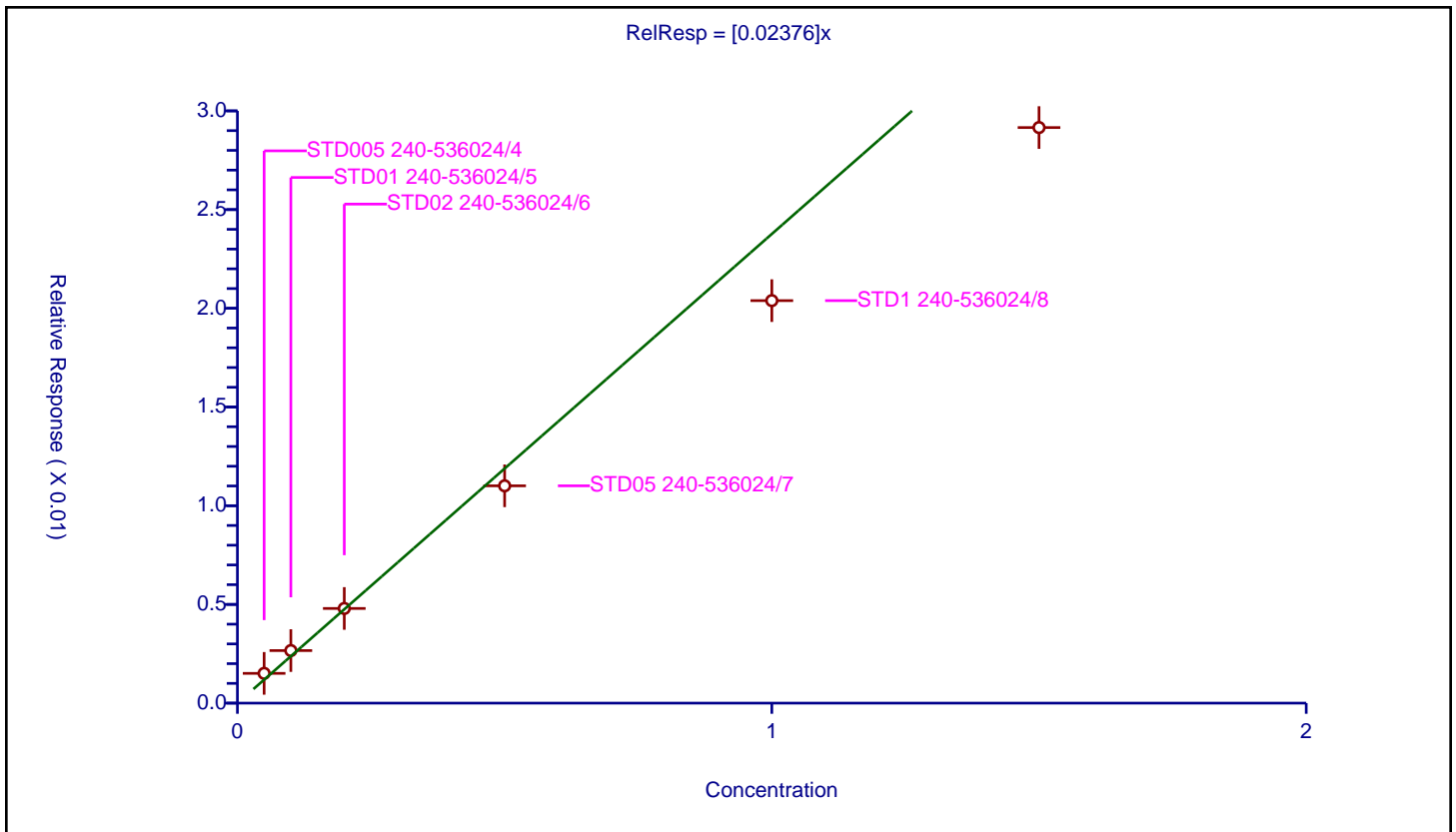
/ PCB-1232 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02376

Error Coefficients	
Standard Error:	56600000
Relative Standard Error:	17.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.938

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.001507	0.05	185662686.0	0.030141	Y
2	STD01 240-536024/5	0.1	0.002662	0.05	169517659.0	0.026622	Y
3	STD02 240-536024/6	0.2	0.004796	0.05	166440372.0	0.02398	Y
4	STD05 240-536024/7	0.5	0.011008	0.05	167367353.0	0.022016	Y
5	STD1 240-536024/8	1.0	0.020389	0.05	170585430.0	0.020389	Y
6	STD15 240-536024/9	1.5	0.029155	0.05	166913652.0	0.019437	Y



Calibration

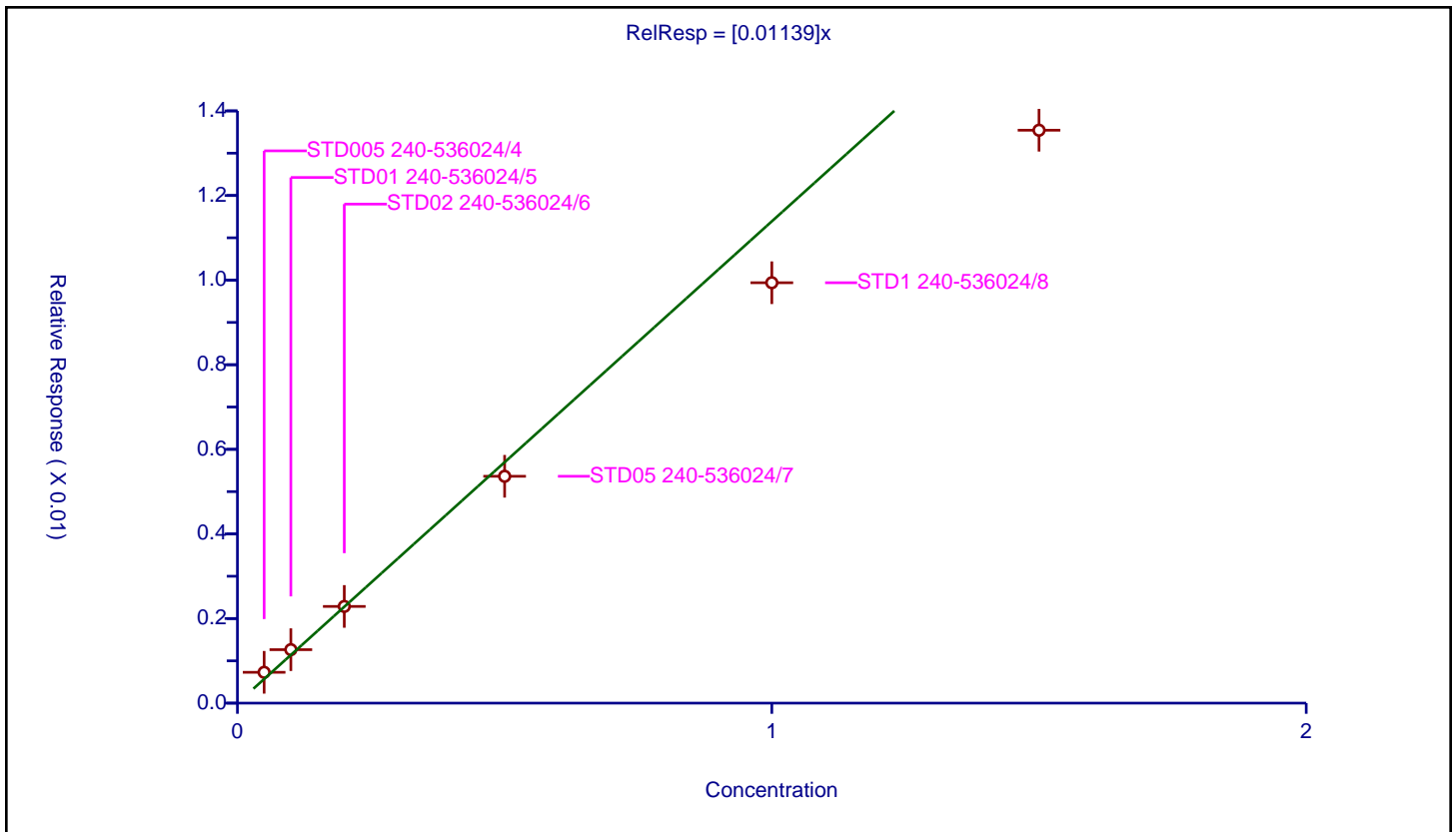
/ PCB-1232 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01139

Error Coefficients	
Standard Error:	26800000
Relative Standard Error:	17.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.935

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.000729	0.05	185662686.0	0.014574	Y
2	STD01 240-536024/5	0.1	0.001264	0.05	169517659.0	0.012638	Y
3	STD02 240-536024/6	0.2	0.002286	0.05	166440372.0	0.01143	Y
4	STD05 240-536024/7	0.5	0.005362	0.05	167367353.0	0.010725	Y
5	STD1 240-536024/8	1.0	0.009938	0.05	170585430.0	0.009938	Y
6	STD15 240-536024/9	1.5	0.013543	0.05	166913652.0	0.009029	Y



Calibration

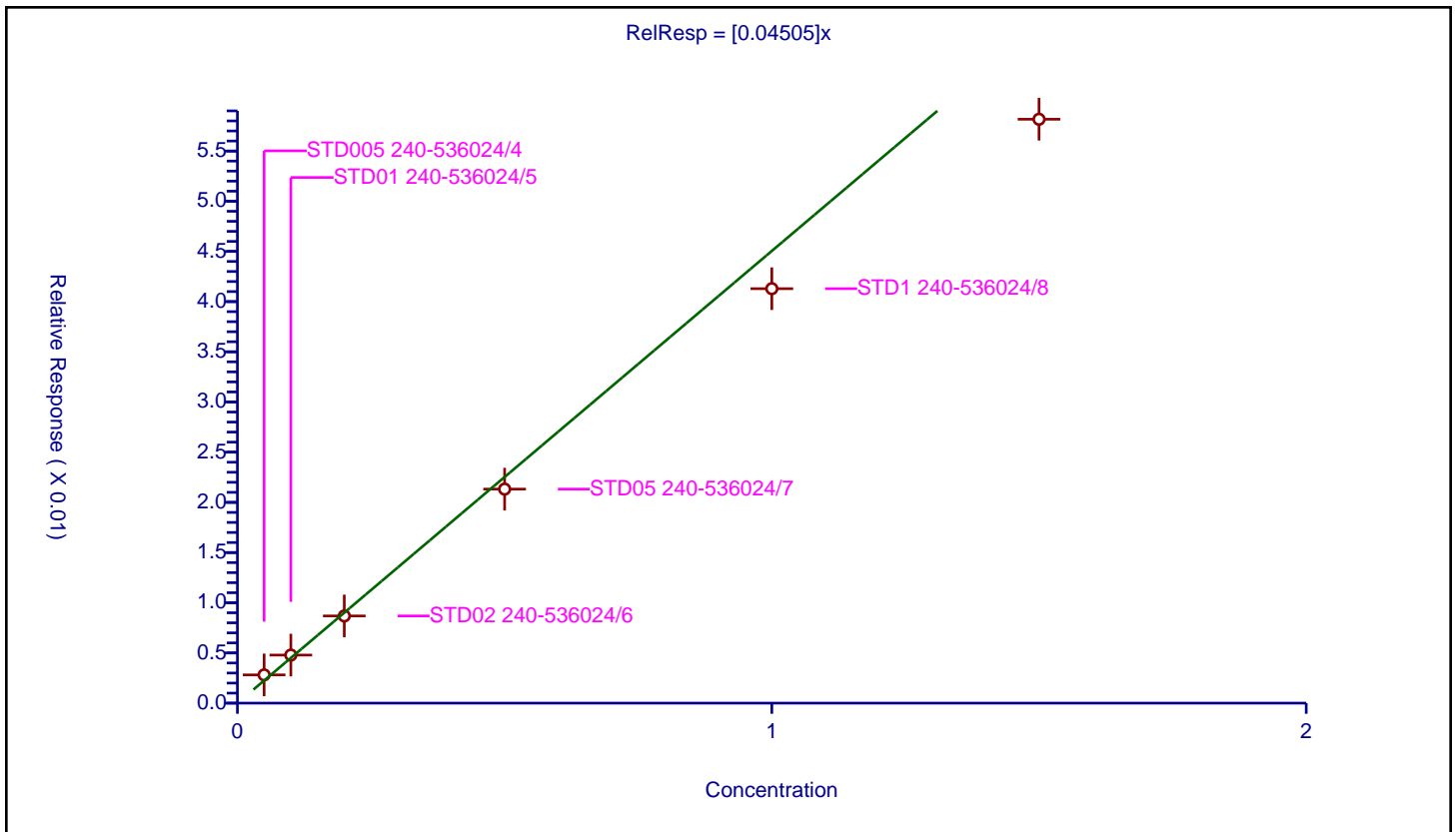
/ PCB-1262 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04505

Error Coefficients	
Standard Error:	113000000
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.002813	0.05	185662686.0	0.056267	Y
2	STD01 240-536024/5	0.1	0.004787	0.05	169517659.0	0.047872	Y
3	STD02 240-536024/6	0.2	0.008685	0.05	166440372.0	0.043425	Y
4	STD05 240-536024/7	0.5	0.021321	0.05	167367353.0	0.042642	Y
5	STD1 240-536024/8	1.0	0.041288	0.05	170585430.0	0.041288	Y
6	STD15 240-536024/9	1.5	0.058166	0.05	166913652.0	0.038777	Y



Calibration

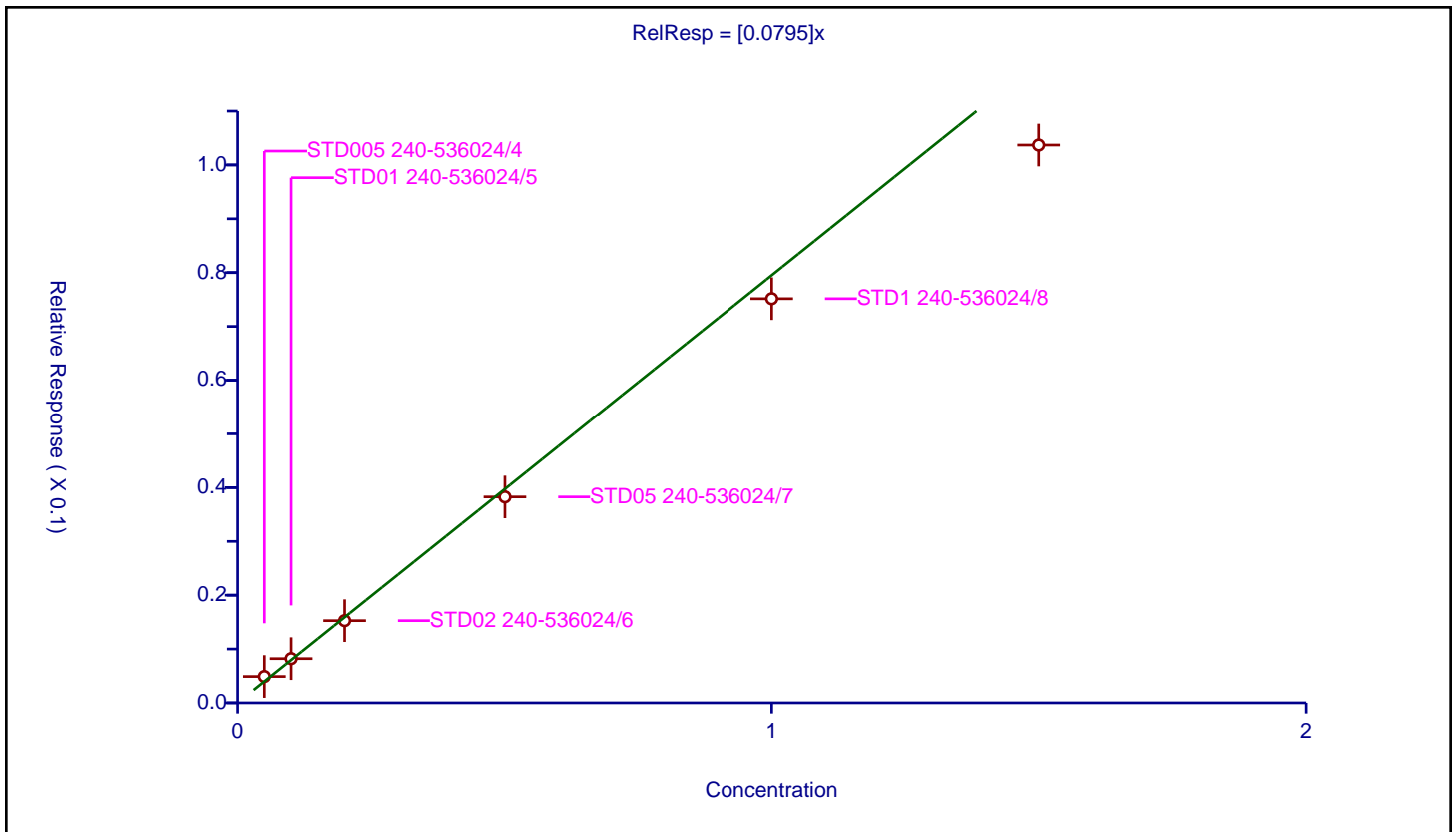
/ PCB-1262 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0795

Error Coefficients	
Standard Error:	203000000
Relative Standard Error:	12.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.004888	0.05	185662686.0	0.097758	Y
2	STD01 240-536024/5	0.1	0.00821	0.05	169517659.0	0.082105	Y
3	STD02 240-536024/6	0.2	0.015266	0.05	166440372.0	0.076331	Y
4	STD05 240-536024/7	0.5	0.03827	0.05	167367353.0	0.07654	Y
5	STD1 240-536024/8	1.0	0.075155	0.05	170585430.0	0.075155	Y
6	STD15 240-536024/9	1.5	0.1037	0.05	166913652.0	0.069133	Y



Calibration

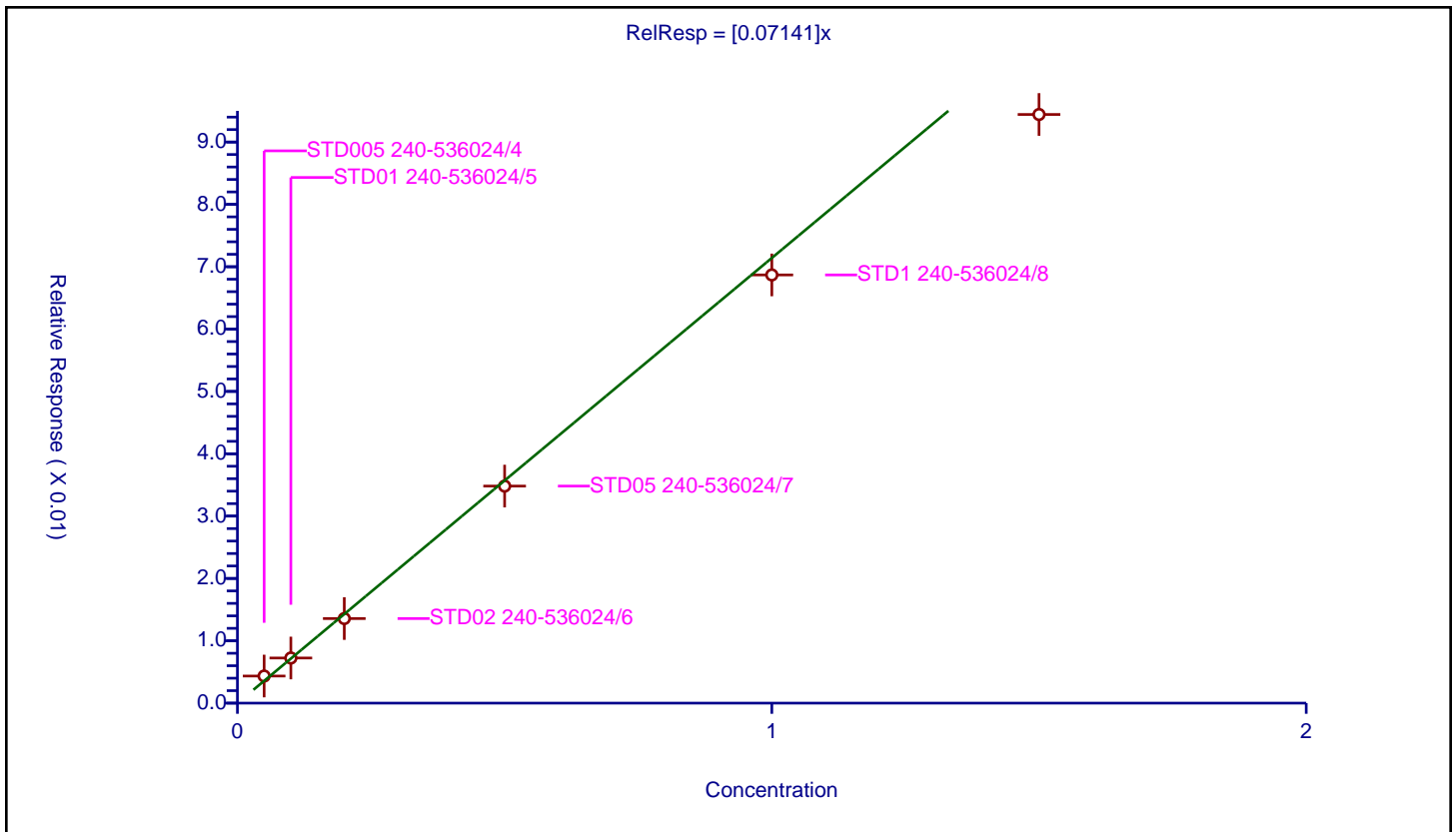
/ PCB-1262 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07141

Error Coefficients	
Standard Error:	185000000
Relative Standard Error:	11.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.004347	0.05	185662686.0	0.086935	Y
2	STD01 240-536024/5	0.1	0.007241	0.05	169517659.0	0.072406	Y
3	STD02 240-536024/6	0.2	0.013565	0.05	166440372.0	0.067827	Y
4	STD05 240-536024/7	0.5	0.034816	0.05	167367353.0	0.069633	Y
5	STD1 240-536024/8	1.0	0.068688	0.05	170585430.0	0.068688	Y
6	STD15 240-536024/9	1.5	0.094421	0.05	166913652.0	0.062948	Y



Calibration

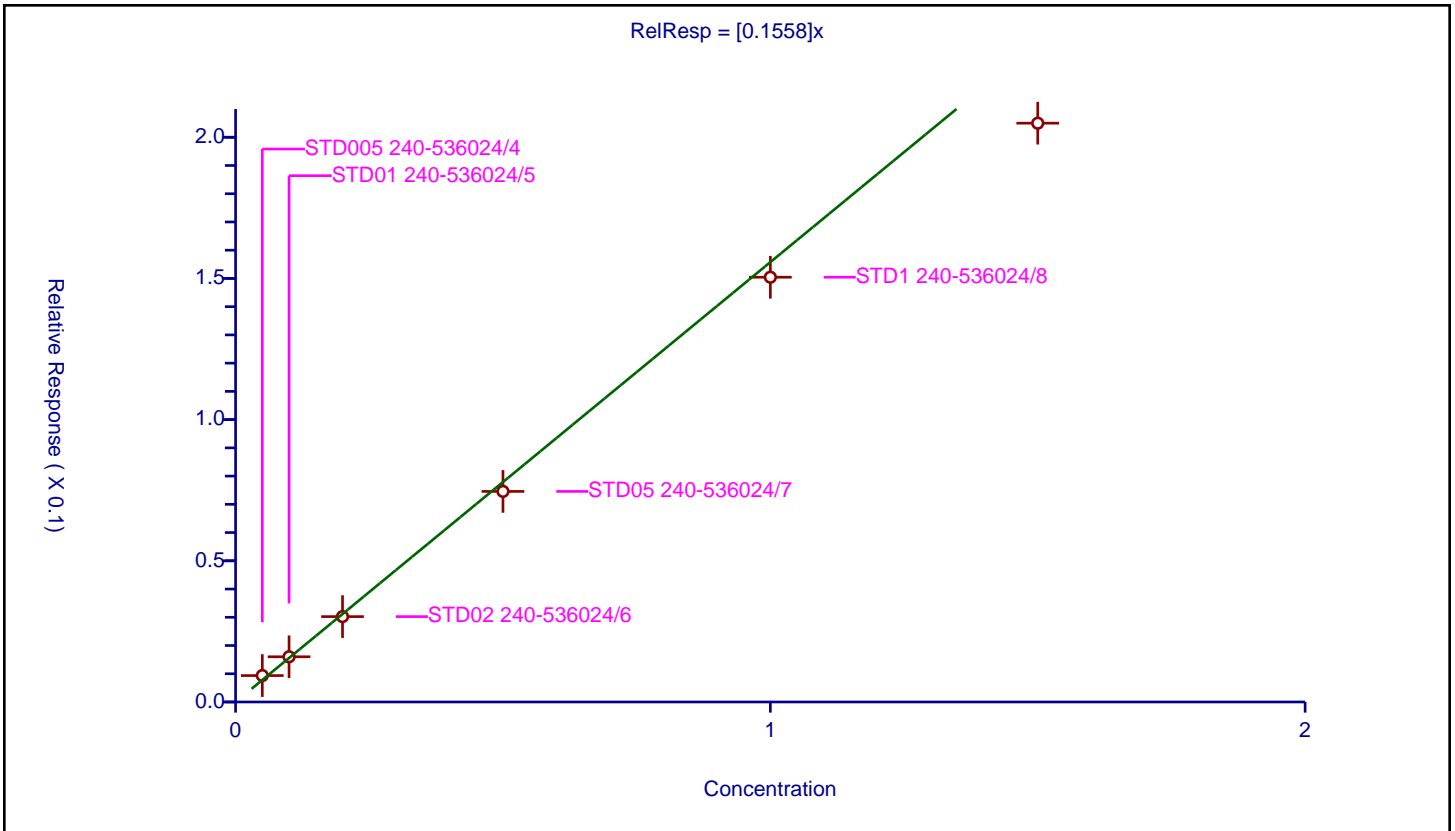
/ PCB-1262 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1558

Error Coefficients	
Standard Error:	402000000
Relative Standard Error:	11.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.009356	0.05	185662686.0	0.187125	Y
2	STD01 240-536024/5	0.1	0.01601	0.05	169517659.0	0.160101	Y
3	STD02 240-536024/6	0.2	0.030234	0.05	166440372.0	0.151168	Y
4	STD05 240-536024/7	0.5	0.074575	0.05	167367353.0	0.14915	Y
5	STD1 240-536024/8	1.0	0.150431	0.05	170585430.0	0.150431	Y
6	STD15 240-536024/9	1.5	0.204981	0.05	166913652.0	0.136654	Y



Calibration

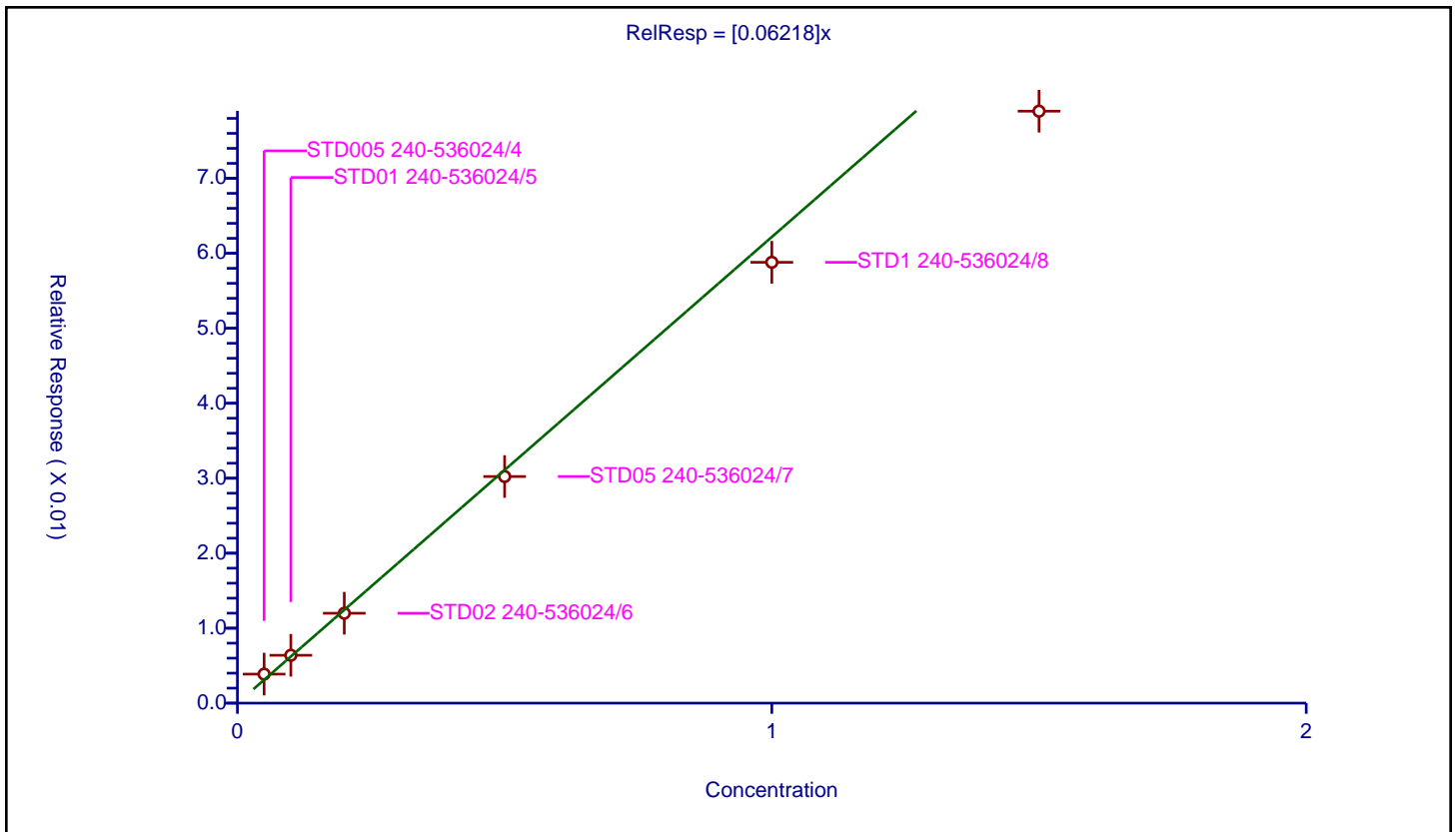
/ PCB-1262 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06218

Error Coefficients	
Standard Error:	156000000
Relative Standard Error:	13.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.00387	0.05	185662686.0	0.077403	Y
2	STD01 240-536024/5	0.1	0.006384	0.05	169517659.0	0.063841	Y
3	STD02 240-536024/6	0.2	0.011989	0.05	166440372.0	0.059947	Y
4	STD05 240-536024/7	0.5	0.03023	0.05	167367353.0	0.060459	Y
5	STD1 240-536024/8	1.0	0.058802	0.05	170585430.0	0.058802	Y
6	STD15 240-536024/9	1.5	0.078961	0.05	166913652.0	0.052641	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 12:22 Calibration End Date: 07/25/2022 13:41 Calibration ID: 66881

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/4	P12072504.D
Level 2	STD01 240-536024/5	P12072505.D
Level 3	STD02 240-536024/6	P12072506.D
Level 4	STD05 240-536024/7	P12072507.D
Level 5	STD1 240-536024/8	P12072508.D
Level 6	STD15 240-536024/9	P12072509.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0544 0.0357	0.0493	0.0451	0.0408	0.0374	Ave		0.043 8			16.5		20.0				
PCB-1232 Peak 2	0.0453 0.0294	0.0408	0.0374	0.0340	0.0310	Ave		0.036 3			16.7		20.0				
PCB-1232 Peak 3	0.0713 0.0506	0.0630	0.0585	0.0549	0.0521	Ave		0.058 4			13.3		20.0				
PCB-1232 Peak 4	0.0401 0.0280	0.0359	0.0342	0.0320	0.0296	Ave		0.033 3			13.2		20.0				
PCB-1232 Peak 5	0.0185 0.0121	0.0170	0.0156	0.0140	0.0127	Ave		0.015 0			16.7		20.0				
PCB-1262 Peak 1	0.1061 0.0688	0.0872	0.0801	0.0785	0.0748	Ave		0.082 6			15.7		20.0				
PCB-1262 Peak 2	0.1399 0.0954	0.1169	0.1094	0.1099	0.1059	Ave		0.112 9			13.3		20.0				
PCB-1262 Peak 3	0.1266 0.0842	0.1037	0.0963	0.0973	0.0935	Ave		0.100 3			14.3		20.0				
PCB-1262 Peak 4	0.2416 0.1711	0.2034	0.1940	0.1994	0.1927	Ave		0.200 4			11.5		20.0				
PCB-1262 Peak 5	0.1598 0.1243	0.1506	0.1431	0.1476	0.1420	Ave		0.144 6			8.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 12:22 Calibration End Date: 07/25/2022 13:41 Calibration ID: 66881

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/4	P12072504.D
Level 2	STD01 240-536024/5	P12072505.D
Level 3	STD02 240-536024/6	P12072506.D
Level 4	STD05 240-536024/7	P12072507.D
Level 5	STD1 240-536024/8	P12072508.D
Level 6	STD15 240-536024/9	P12072509.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	2476141 44335881	4152555	7366742	16687772	31374928	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	2062928 36459863	3434325	6117011	13892409	26024990	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	3246574 62860001	5305459	9564993	22447145	43718392	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	1823081 34769020	3021986	5586332	13080915	24864343	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	839679 14970856	1427654	2557655	5709289	10654004	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	4826440 85364028	7341087	13094432	32142583	62848819	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	6368667 118350172	9842352	17878258	44968739	88971910	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	5761849 104537781	8730336	15746735	39814148	78558562	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	10994379 212404575	17124624	31718542	81609133	161876671	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	7271728 154328212	12673389	23397415	60392333	119225604	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

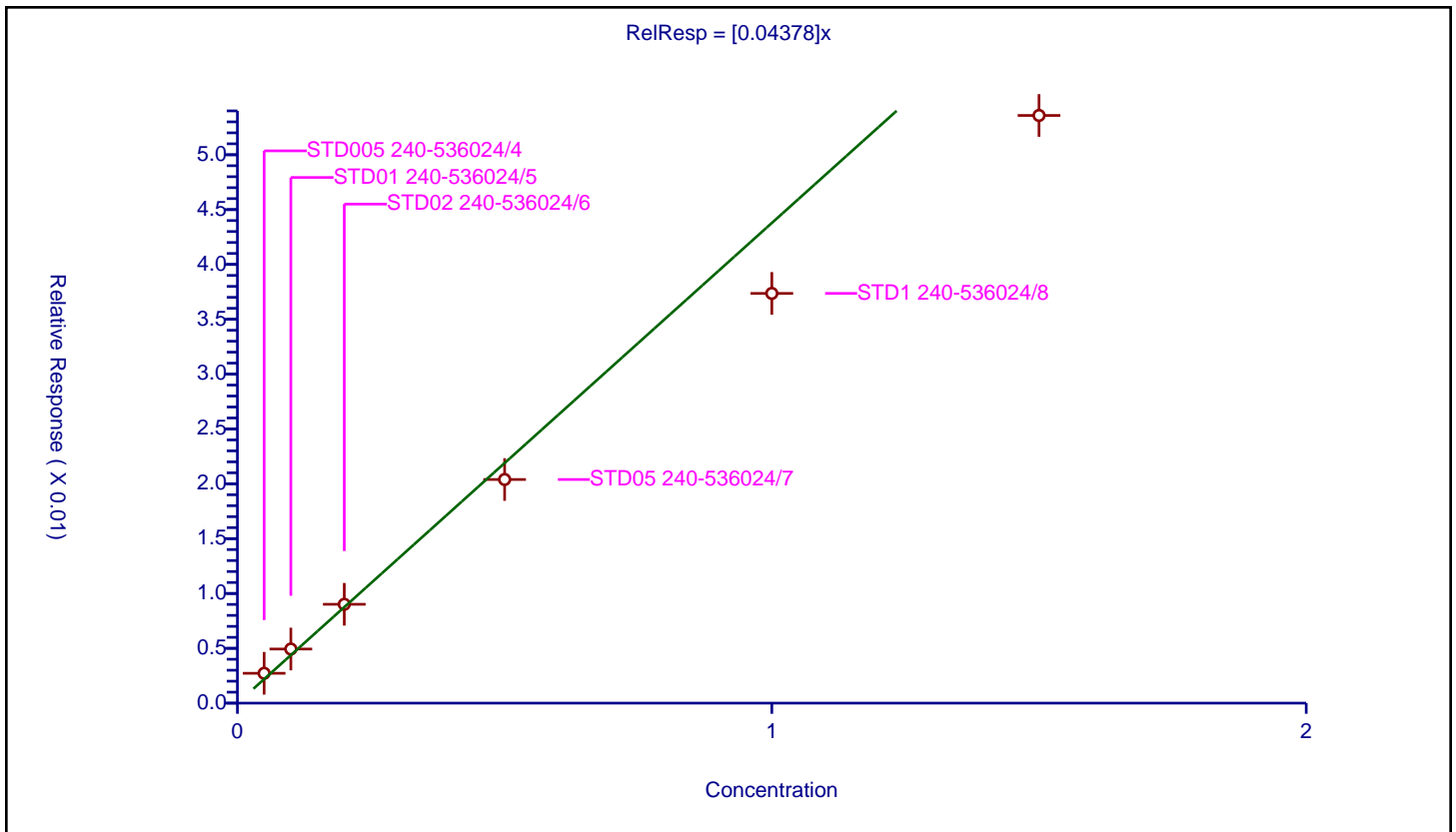
/ PCB-1232 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04378

Error Coefficients	
Standard Error:	25700000
Relative Standard Error:	16.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.00272	0.05	45509455.0	0.054409	Y
2	STD01 240-536024/5	0.1	0.004933	0.05	42085617.0	0.049335	Y
3	STD02 240-536024/6	0.2	0.009013	0.05	40867324.0	0.045065	Y
4	STD05 240-536024/7	0.5	0.020391	0.05	40919904.0	0.040782	Y
5	STD1 240-536024/8	1.0	0.037358	0.05	41992485.0	0.037358	Y
6	STD15 240-536024/9	1.5	0.053583	0.05	41371287.0	0.035722	Y



Calibration

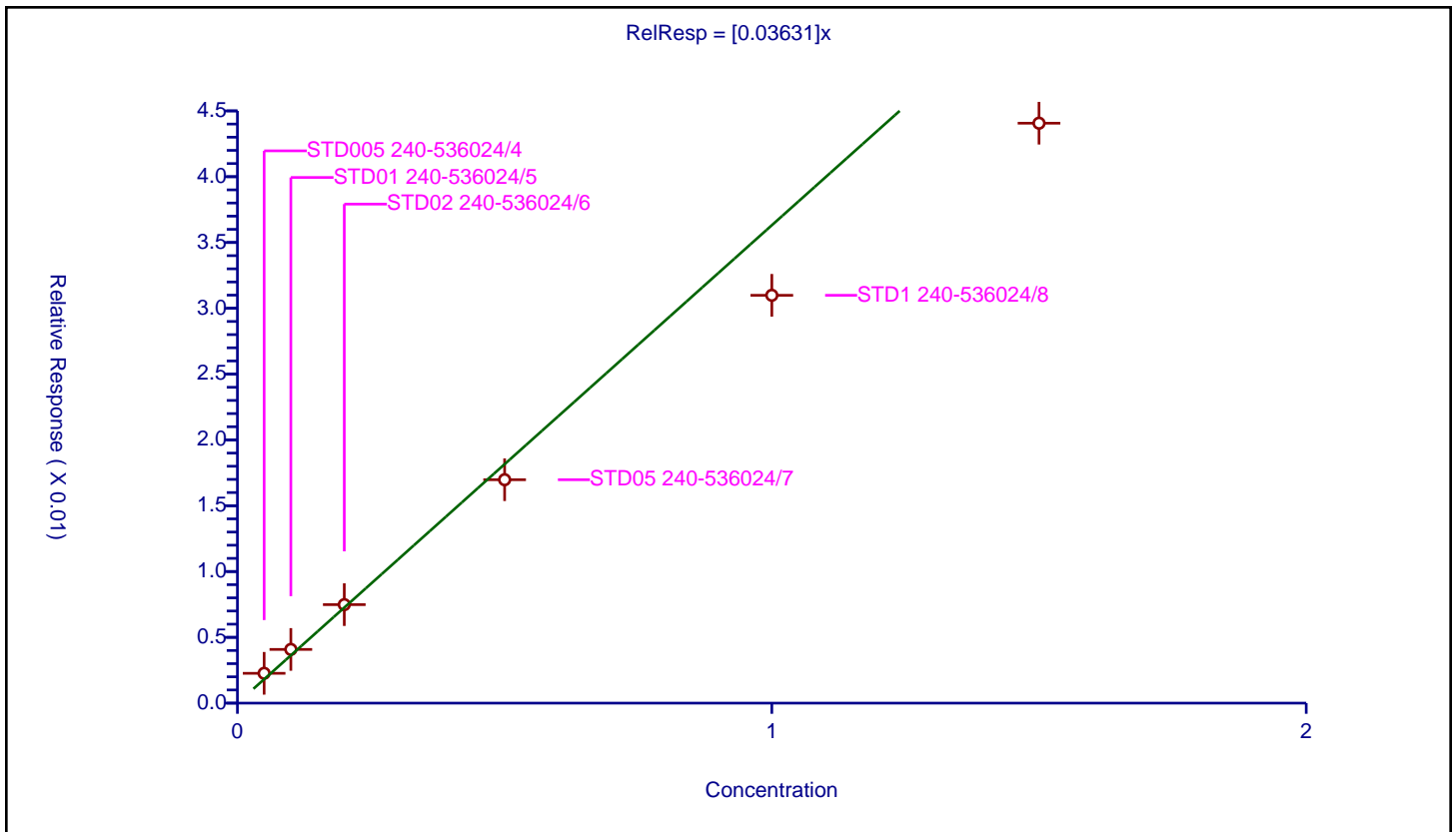
/ PCB-1232 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03631

Error Coefficients	
Standard Error:	21200000
Relative Standard Error:	16.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.941

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.002266	0.05	45509455.0	0.04533	Y
2	STD01 240-536024/5	0.1	0.00408	0.05	42085617.0	0.040802	Y
3	STD02 240-536024/6	0.2	0.007484	0.05	40867324.0	0.03742	Y
4	STD05 240-536024/7	0.5	0.016975	0.05	40919904.0	0.03395	Y
5	STD1 240-536024/8	1.0	0.030988	0.05	41992485.0	0.030988	Y
6	STD15 240-536024/9	1.5	0.044064	0.05	41371287.0	0.029376	Y



Calibration

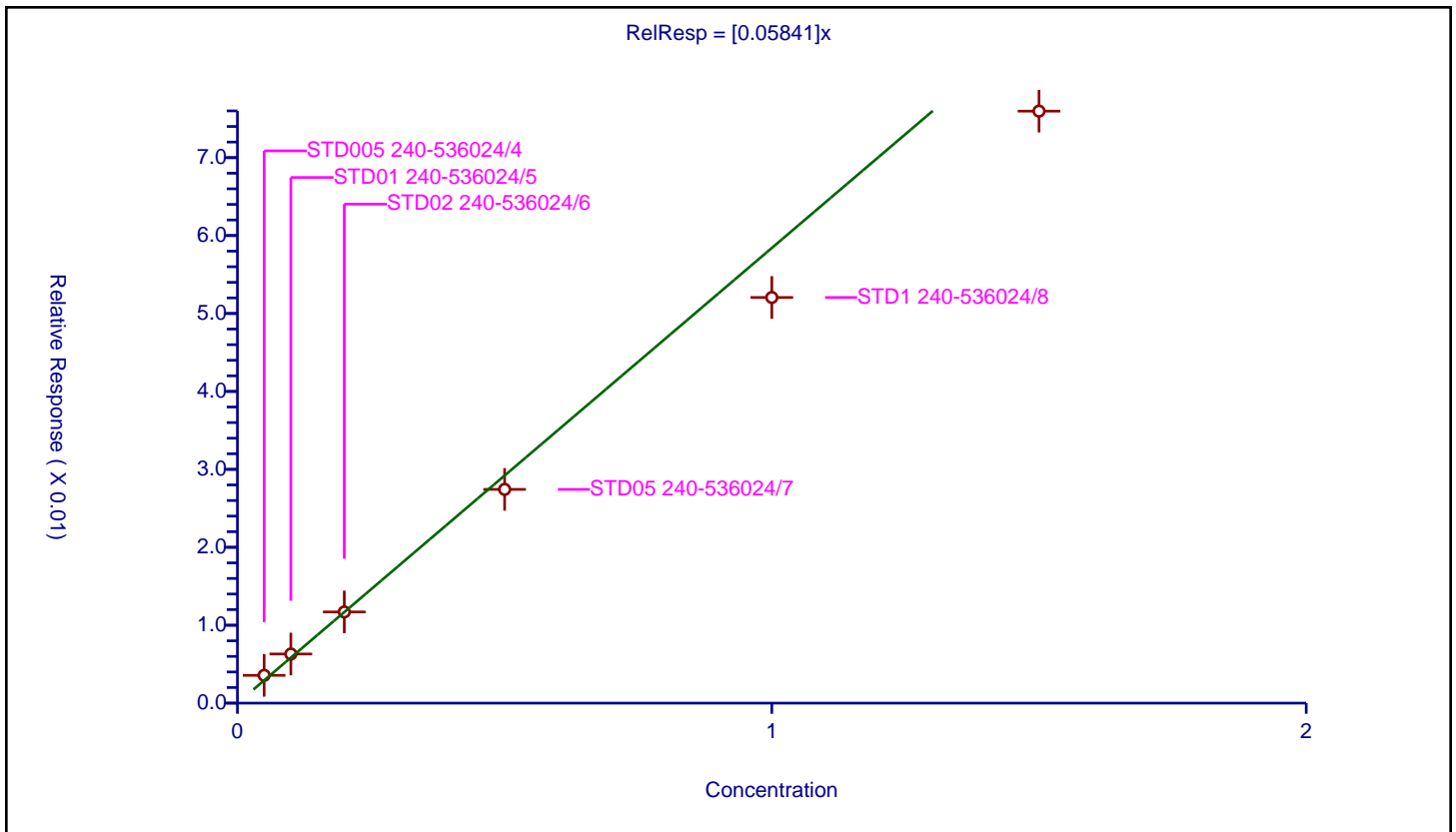
/ PCB-1232 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05841

Error Coefficients	
Standard Error:	36000000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.003567	0.05	45509455.0	0.071338	Y
2	STD01 240-536024/5	0.1	0.006303	0.05	42085617.0	0.063032	Y
3	STD02 240-536024/6	0.2	0.011702	0.05	40867324.0	0.058512	Y
4	STD05 240-536024/7	0.5	0.027428	0.05	40919904.0	0.054856	Y
5	STD1 240-536024/8	1.0	0.052055	0.05	41992485.0	0.052055	Y
6	STD15 240-536024/9	1.5	0.075971	0.05	41371287.0	0.050647	Y



Calibration

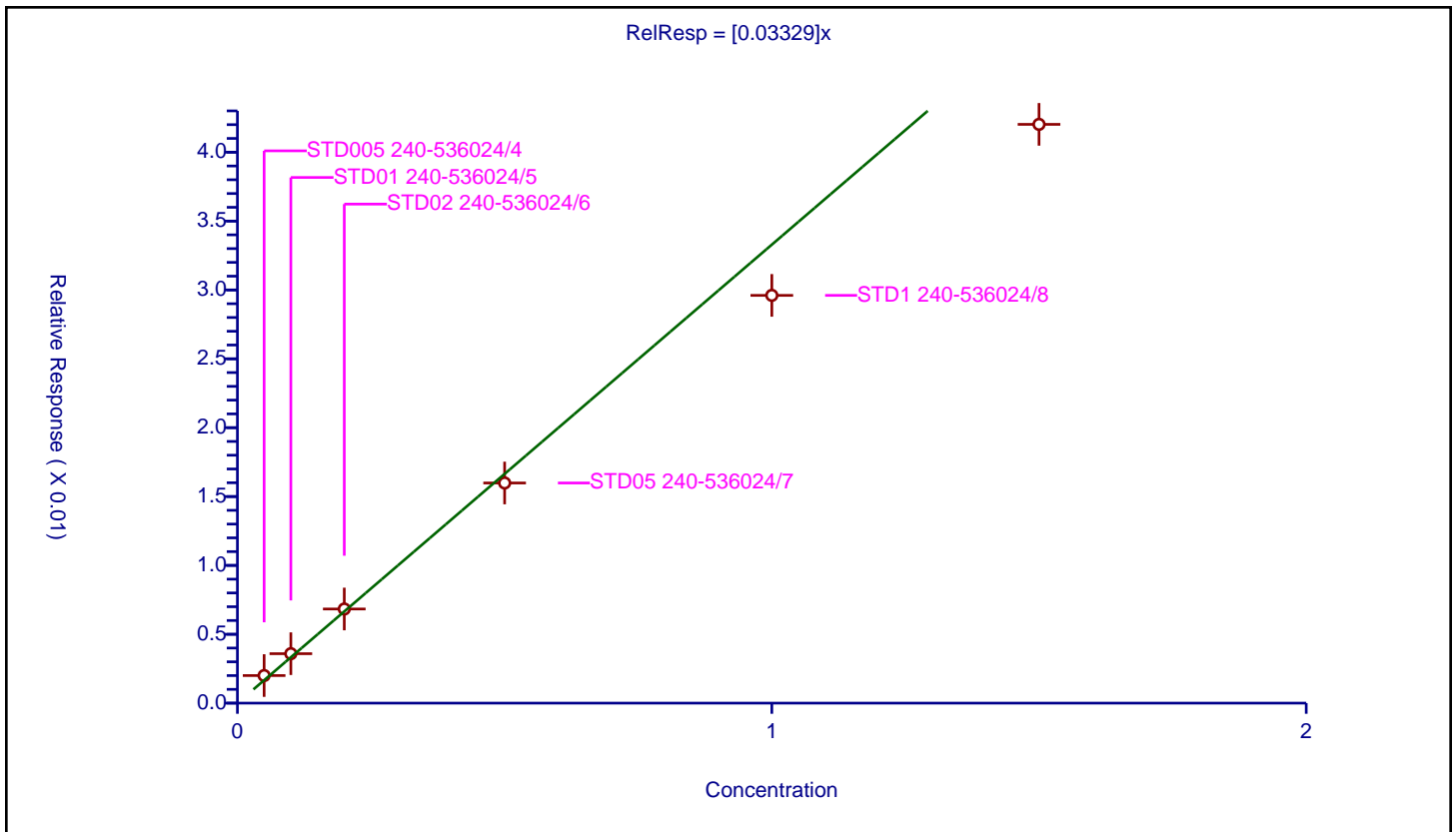
/ PCB-1232 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03329

Error Coefficients	
Standard Error:	20200000
Relative Standard Error:	13.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.002003	0.05	45509455.0	0.040059	Y
2	STD01 240-536024/5	0.1	0.00359	0.05	42085617.0	0.035903	Y
3	STD02 240-536024/6	0.2	0.006835	0.05	40867324.0	0.034174	Y
4	STD05 240-536024/7	0.5	0.015984	0.05	40919904.0	0.031967	Y
5	STD1 240-536024/8	1.0	0.029606	0.05	41992485.0	0.029606	Y
6	STD15 240-536024/9	1.5	0.042021	0.05	41371287.0	0.028014	Y



Calibration

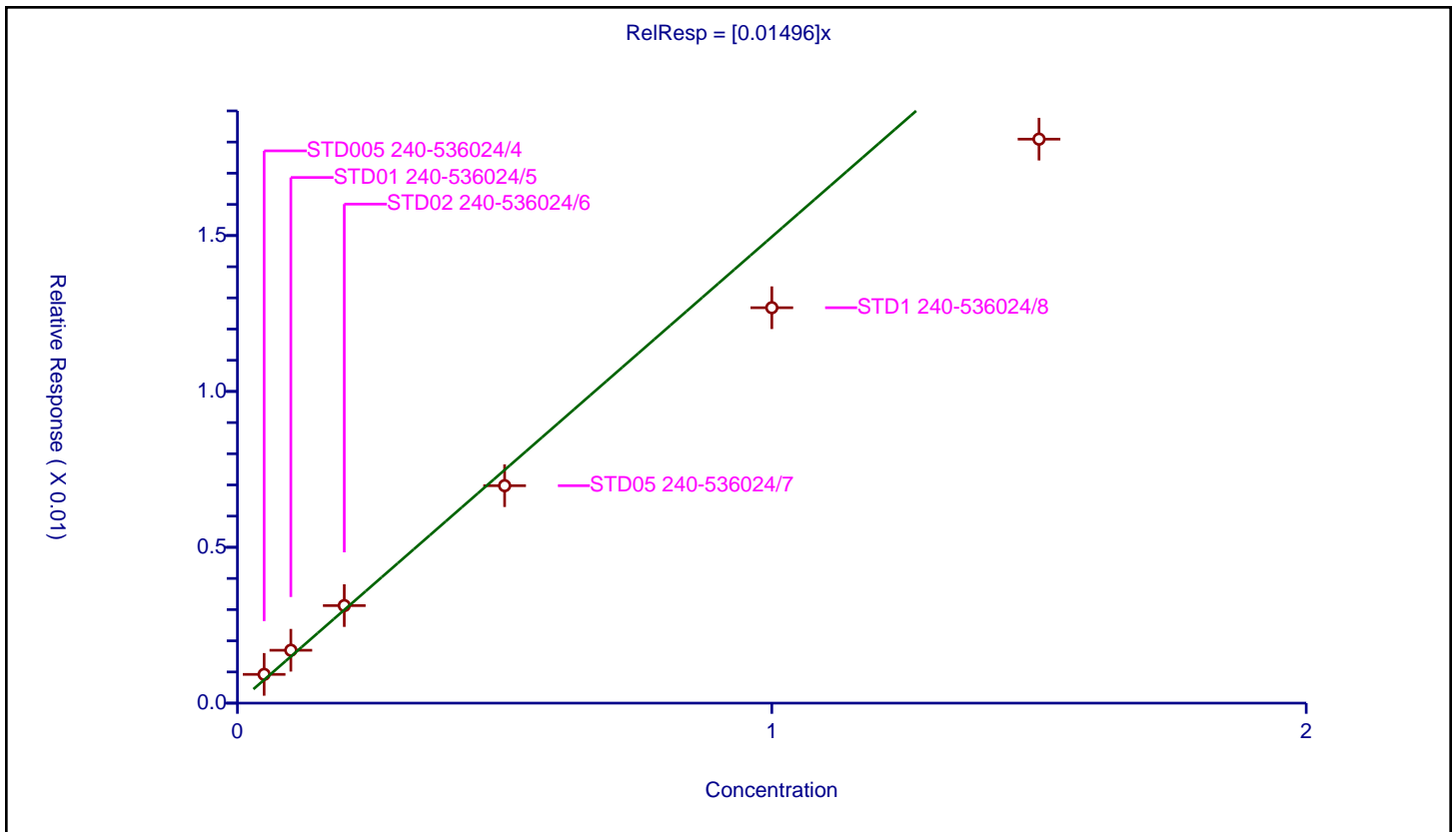
/ PCB-1232 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01496

Error Coefficients	
Standard Error:	8710000
Relative Standard Error:	16.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.942

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.000923	0.05	45509455.0	0.018451	Y
2	STD01 240-536024/5	0.1	0.001696	0.05	42085617.0	0.016961	Y
3	STD02 240-536024/6	0.2	0.003129	0.05	40867324.0	0.015646	Y
4	STD05 240-536024/7	0.5	0.006976	0.05	40919904.0	0.013952	Y
5	STD1 240-536024/8	1.0	0.012686	0.05	41992485.0	0.012686	Y
6	STD15 240-536024/9	1.5	0.018093	0.05	41371287.0	0.012062	Y



Calibration

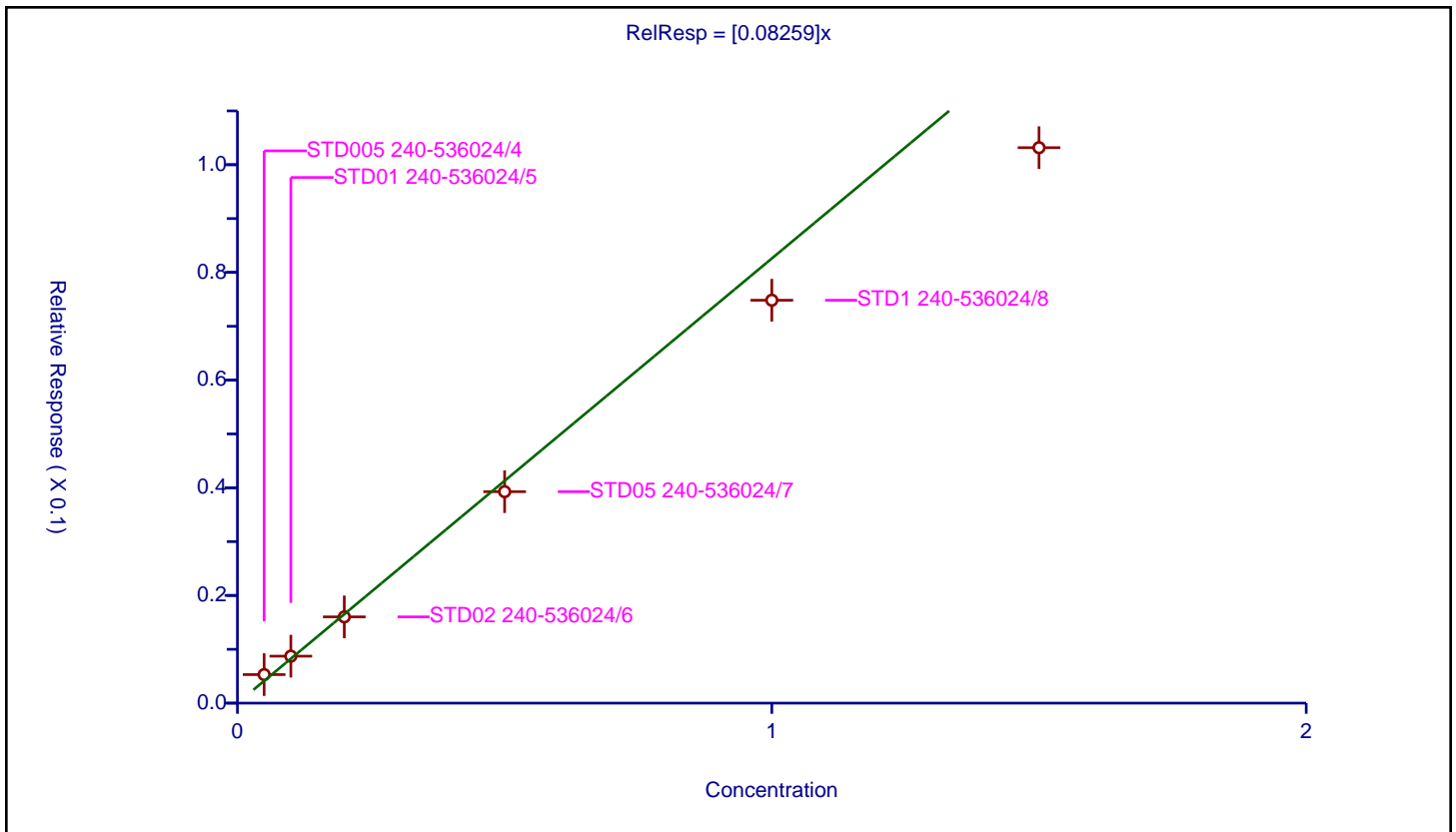
/ PCB-1262 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08259

Error Coefficients	
Standard Error:	50000000
Relative Standard Error:	15.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.005303	0.05	45509455.0	0.106054	Y
2	STD01 240-536024/5	0.1	0.008722	0.05	42085617.0	0.087216	Y
3	STD02 240-536024/6	0.2	0.016021	0.05	40867324.0	0.080103	Y
4	STD05 240-536024/7	0.5	0.039275	0.05	40919904.0	0.07855	Y
5	STD1 240-536024/8	1.0	0.074833	0.05	41992485.0	0.074833	Y
6	STD15 240-536024/9	1.5	0.103168	0.05	41371287.0	0.068779	Y



Calibration

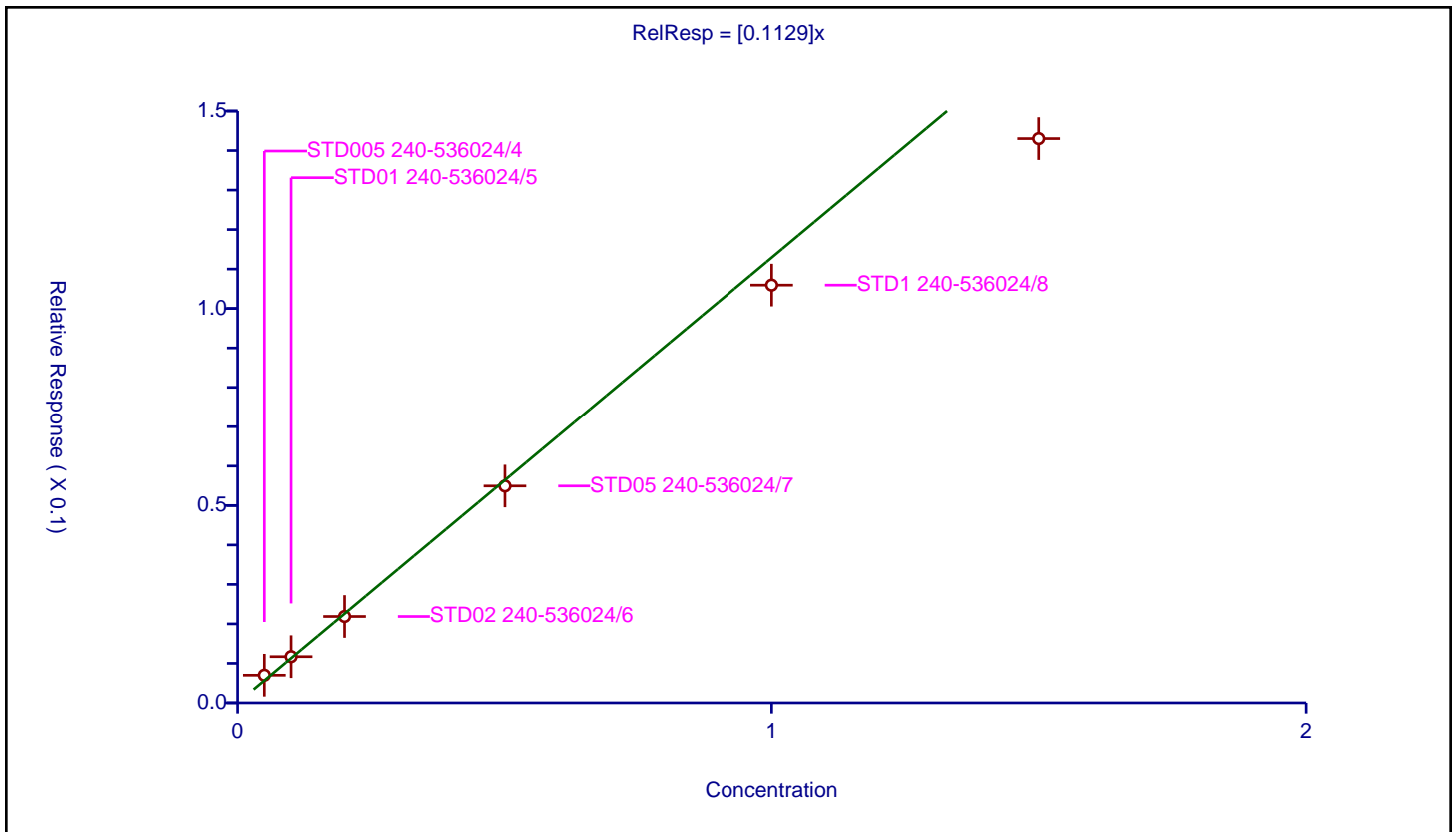
/ PCB-1262 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1129

Error Coefficients	
Standard Error:	69900000
Relative Standard Error:	13.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.006997	0.05	45509455.0	0.139942	Y
2	STD01 240-536024/5	0.1	0.011693	0.05	42085617.0	0.116932	Y
3	STD02 240-536024/6	0.2	0.021874	0.05	40867324.0	0.109368	Y
4	STD05 240-536024/7	0.5	0.054947	0.05	40919904.0	0.109895	Y
5	STD1 240-536024/8	1.0	0.105938	0.05	41992485.0	0.105938	Y
6	STD15 240-536024/9	1.5	0.143034	0.05	41371287.0	0.095356	Y



Calibration

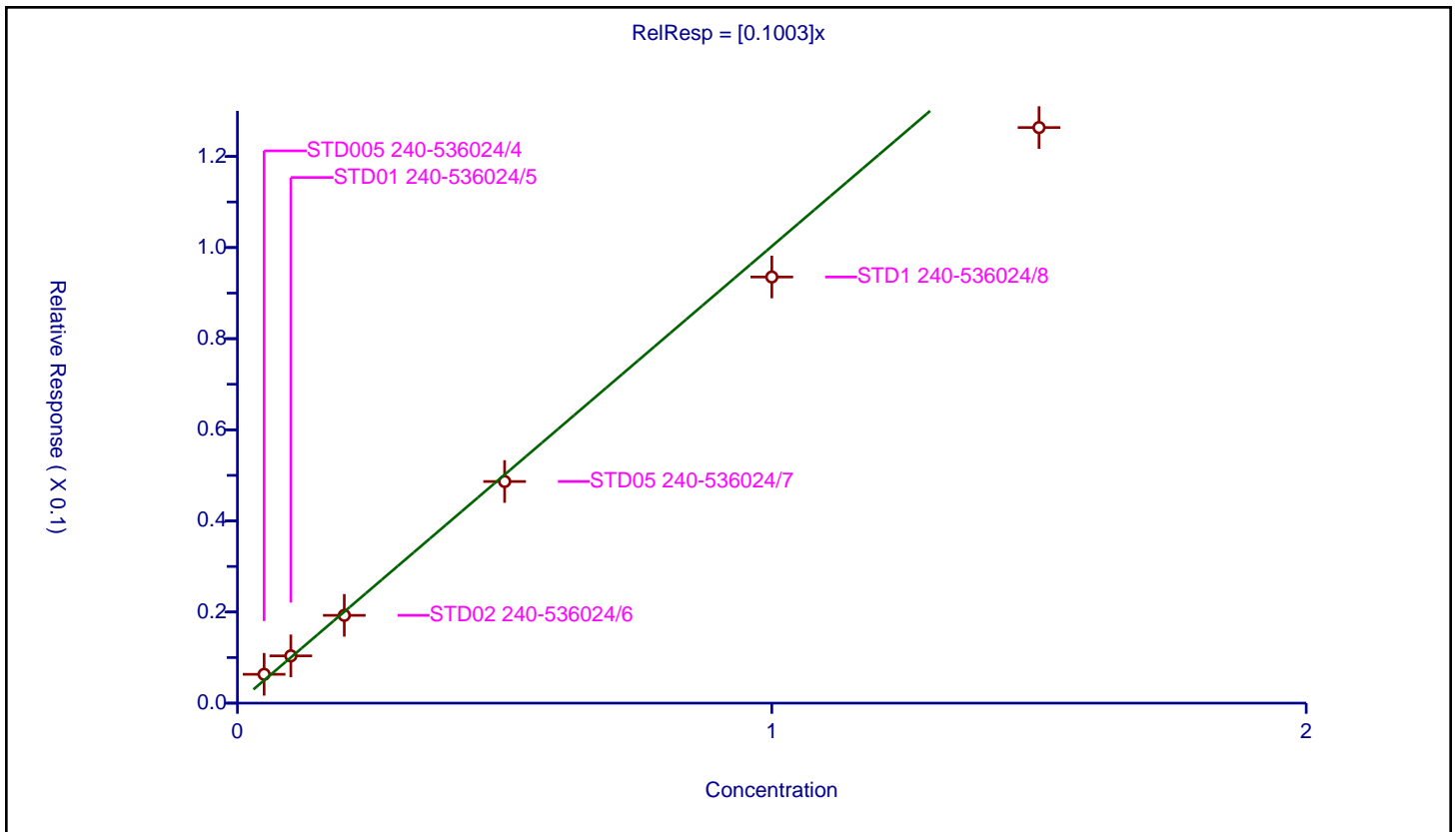
/ PCB-1262 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1003

Error Coefficients	
Standard Error:	61700000
Relative Standard Error:	14.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.00633	0.05	45509455.0	0.126608	Y
2	STD01 240-536024/5	0.1	0.010372	0.05	42085617.0	0.103721	Y
3	STD02 240-536024/6	0.2	0.019266	0.05	40867324.0	0.096328	Y
4	STD05 240-536024/7	0.5	0.048649	0.05	40919904.0	0.097298	Y
5	STD1 240-536024/8	1.0	0.093539	0.05	41992485.0	0.093539	Y
6	STD15 240-536024/9	1.5	0.126341	0.05	41371287.0	0.084227	Y



Calibration

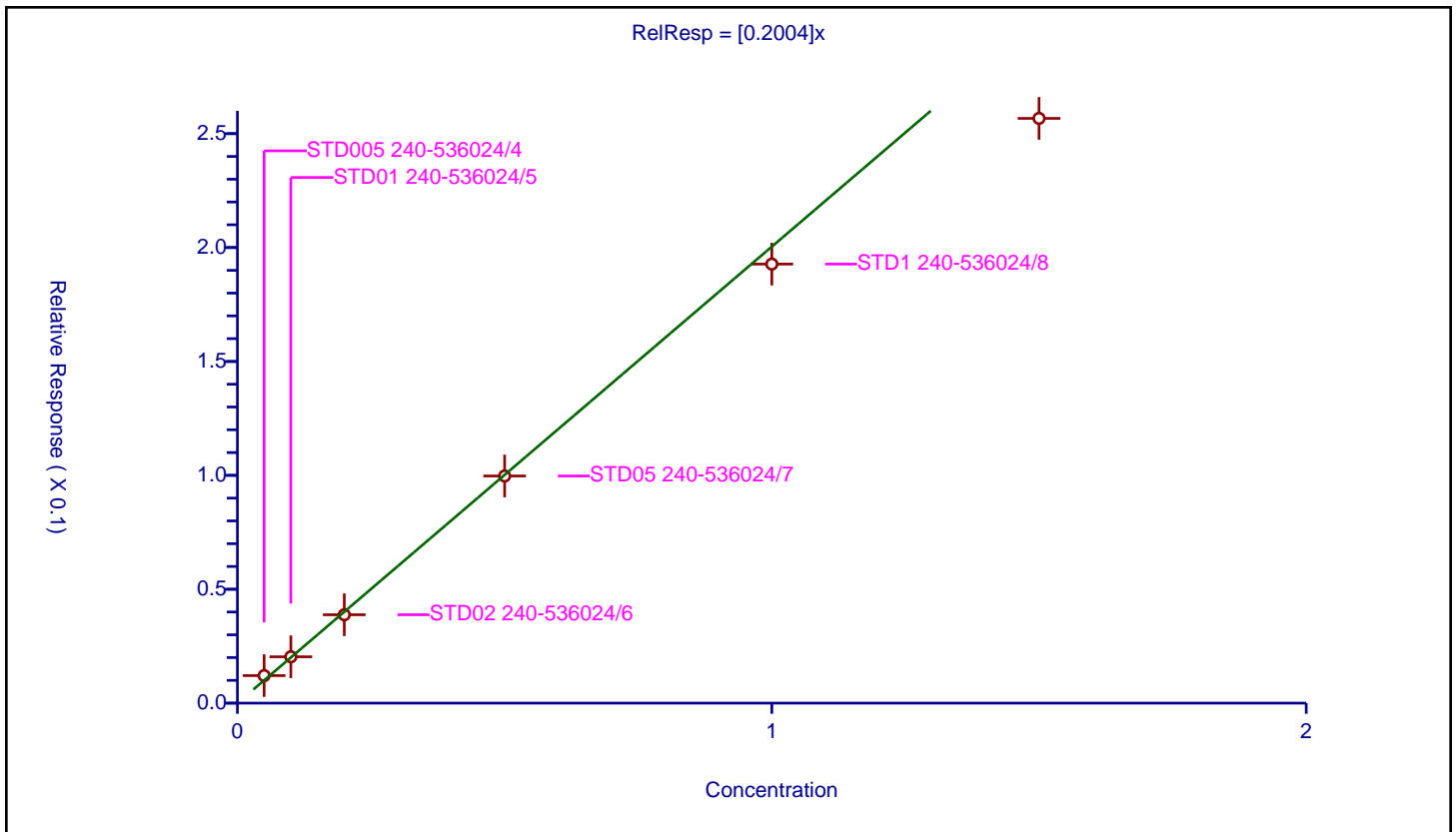
/ PCB-1262 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2004

Error Coefficients	
Standard Error:	126000000
Relative Standard Error:	11.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.012079	0.05	45509455.0	0.241585	Y
2	STD01 240-536024/5	0.1	0.020345	0.05	42085617.0	0.20345	Y
3	STD02 240-536024/6	0.2	0.038807	0.05	40867324.0	0.194034	Y
4	STD05 240-536024/7	0.5	0.099718	0.05	40919904.0	0.199436	Y
5	STD1 240-536024/8	1.0	0.192745	0.05	41992485.0	0.192745	Y
6	STD15 240-536024/9	1.5	0.256705	0.05	41371287.0	0.171137	Y



Calibration

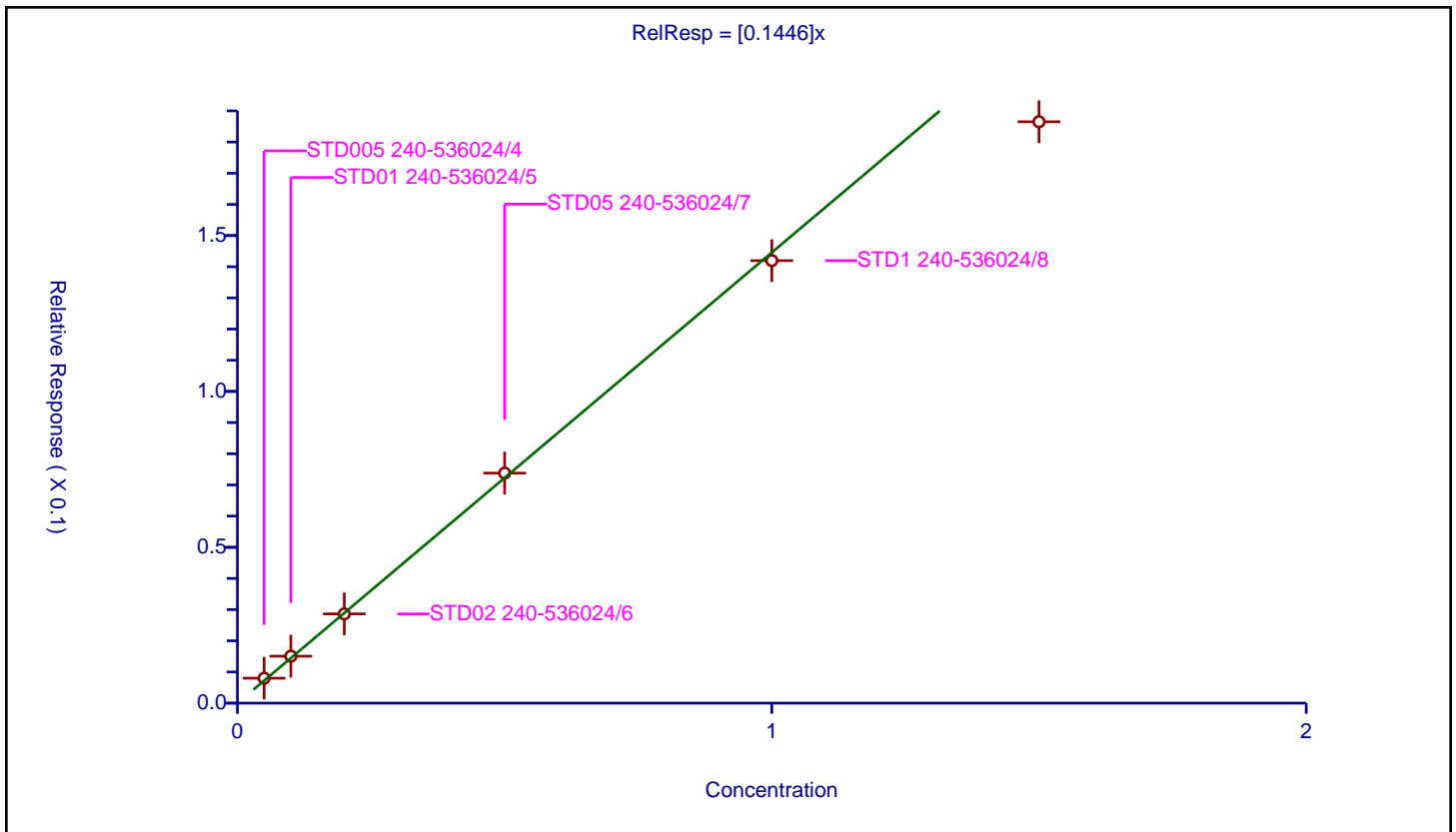
/ PCB-1262 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1446

Error Coefficients	
Standard Error:	92100000
Relative Standard Error:	8.2
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/4	0.05	0.007989	0.05	45509455.0	0.159785	Y
2	STD01 240-536024/5	0.1	0.015057	0.05	42085617.0	0.150567	Y
3	STD02 240-536024/6	0.2	0.028626	0.05	40867324.0	0.14313	Y
4	STD05 240-536024/7	0.5	0.073793	0.05	40919904.0	0.147587	Y
5	STD1 240-536024/8	1.0	0.141961	0.05	41992485.0	0.141961	Y
6	STD15 240-536024/9	1.5	0.186516	0.05	41371287.0	0.124344	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 13:57 Calibration End Date: 07/25/2022 15:17 Calibration ID: 66888

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/10	P12072510.D
Level 2	STD01 240-536024/11	P12072511.D
Level 3	STD02 240-536024/12	P12072512.D
Level 4	STD05 240-536024/13	P12072513.D
Level 5	STD1 240-536024/14	P12072514.D
Level 6	STD15 240-536024/15	P12072515.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0335 0.0213	0.0293	0.0273	0.0242	0.0227	Ave		0.026 4			17.2		20.0				
PCB-1242 Peak 2	0.0467 0.0323	0.0430	0.0412	0.0366	0.0349	Ave		0.039 1			13.9		20.0				
PCB-1242 Peak 3	0.0844 0.0674	0.0776	0.0760	0.0703	0.0689	Ave		0.074 1			8.7		20.0				
PCB-1242 Peak 4	0.0441 0.0321	0.0397	0.0392	0.0350	0.0336	Ave		0.037 3			12.1		20.0				
PCB-1242 Peak 5	0.0152 0.0121	0.0163	0.0156	0.0135	0.0128	Ave		0.014 2			11.8		20.0				
PCB-1268 Peak 1	0.1929 0.1901	0.1877	0.1969	0.1853	0.1728	Ave		0.187 6			4.4		20.0				
PCB-1268 Peak 2	0.1859 0.1788	0.1788	0.1915	0.1778	0.1719	Ave		0.180 8			3.8		20.0				
PCB-1268 Peak 3	0.1676 0.1600	0.1605	0.1697	0.1578	0.1484	Ave		0.160 7			4.7		20.0				
PCB-1268 Peak 4	0.0743 0.0624	0.0701	0.0707	0.0642	0.0584	Ave		0.066 7			9.0		20.0				
PCB-1268 Peak 5	0.4902 0.5585	0.4826	0.5302	0.5155	0.4912	Ave		0.511 4			5.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 13:57 Calibration End Date: 07/25/2022 15:17 Calibration ID: 66888

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/10	P12072510.D
Level 2	STD01 240-536024/11	P12072511.D
Level 3	STD02 240-536024/12	P12072512.D
Level 4	STD05 240-536024/13	P12072513.D
Level 5	STD1 240-536024/14	P12072514.D
Level 6	STD15 240-536024/15	P12072515.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	5646214 112493925	10958010	20354651	42956199	80232527	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	7888491 170272927	16071354	30750537	65059302	123032398	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	14245685 355658821	29028225	56718189	124792066	243362419	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	7445441 169360726	14850167	29267536	62181037	118595848	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	2569418 63863399	6080388	11641106	24010265	45106841	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	32559786 100277152 5	70179452	147039972	329018183	610000934	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	31369617 943555104	66860972	142981087	315583276	606833080	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	28281465 844037190	60025392	126713330	280207617	523852516	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	12541726 329258290	26193343	52746786	113914974	206092743	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	82728089 294655115 9	180466178	395868466	915123763	173393081 1	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend
Ave = Average ISTD

Calibration

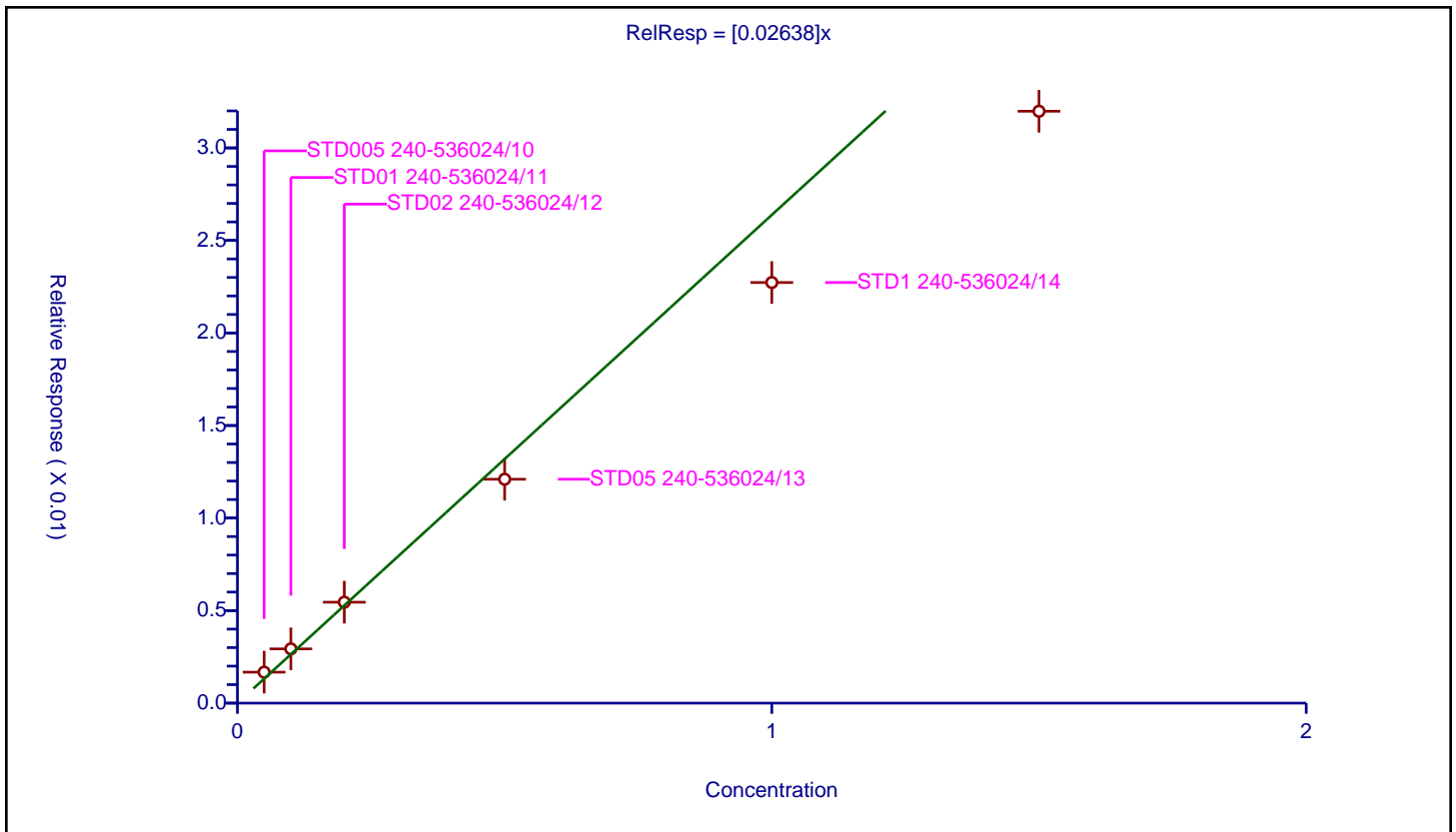
/ PCB-1242 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02638

Error Coefficients	
Standard Error:	65600000
Relative Standard Error:	17.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.937

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.001673	0.05	168749009.0	0.033459	Y
2	STD01 240-536024/11	0.1	0.002931	0.05	186955248.0	0.029307	Y
3	STD02 240-536024/12	0.2	0.005453	0.05	186647965.0	0.027263	Y
4	STD05 240-536024/13	0.5	0.012098	0.05	177533039.0	0.024196	Y
5	STD1 240-536024/14	1.0	0.022727	0.05	176515067.0	0.022727	Y
6	STD15 240-536024/15	1.5	0.031982	0.05	175872555.0	0.021321	Y



Calibration

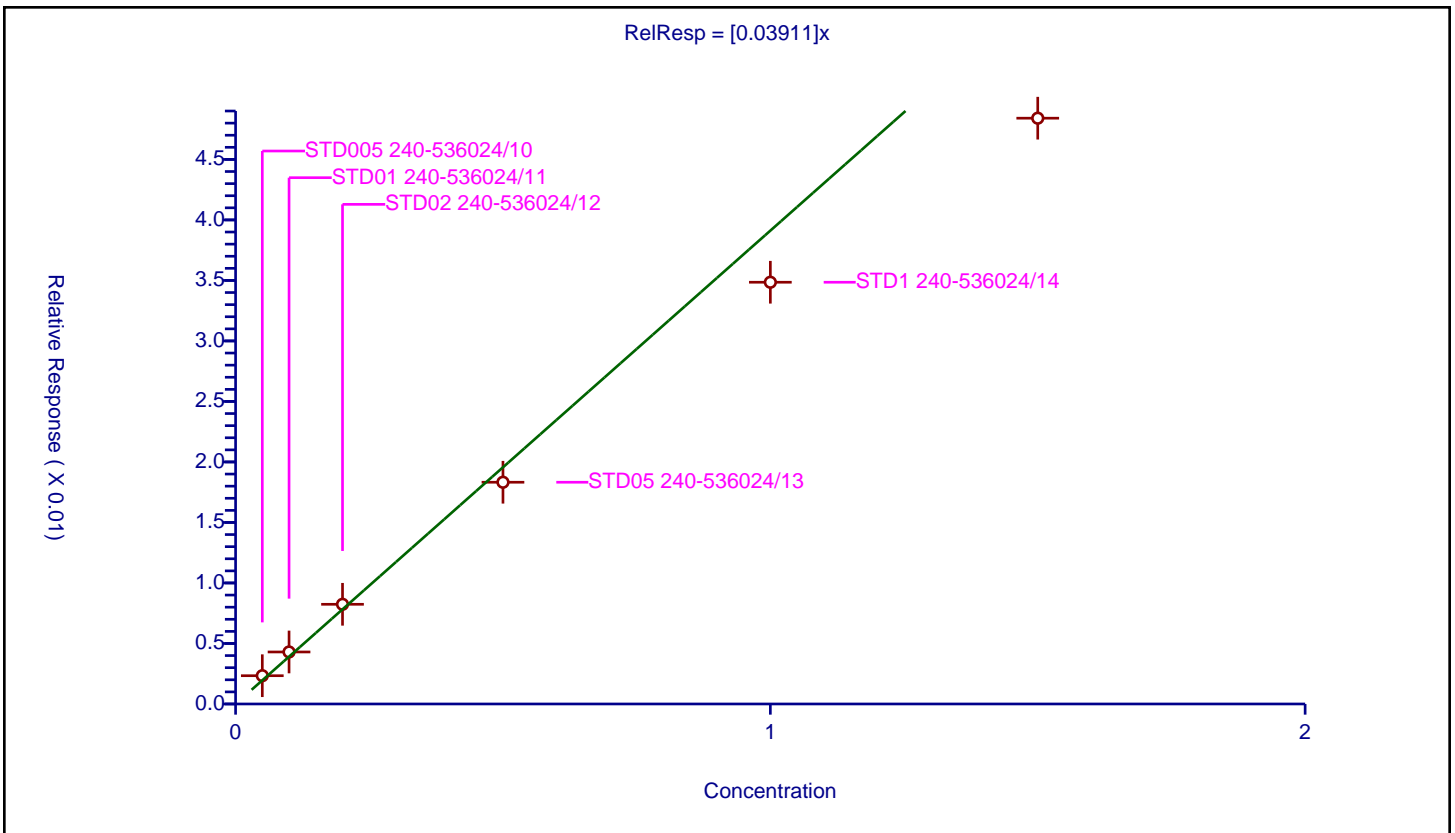
/ PCB-1242 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03911

Error Coefficients	
Standard Error:	99600000
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.002337	0.05	168749009.0	0.046747	Y
2	STD01 240-536024/11	0.1	0.004298	0.05	186955248.0	0.042982	Y
3	STD02 240-536024/12	0.2	0.008238	0.05	186647965.0	0.041188	Y
4	STD05 240-536024/13	0.5	0.018323	0.05	177533039.0	0.036646	Y
5	STD1 240-536024/14	1.0	0.03485	0.05	176515067.0	0.03485	Y
6	STD15 240-536024/15	1.5	0.048408	0.05	175872555.0	0.032272	Y



Calibration

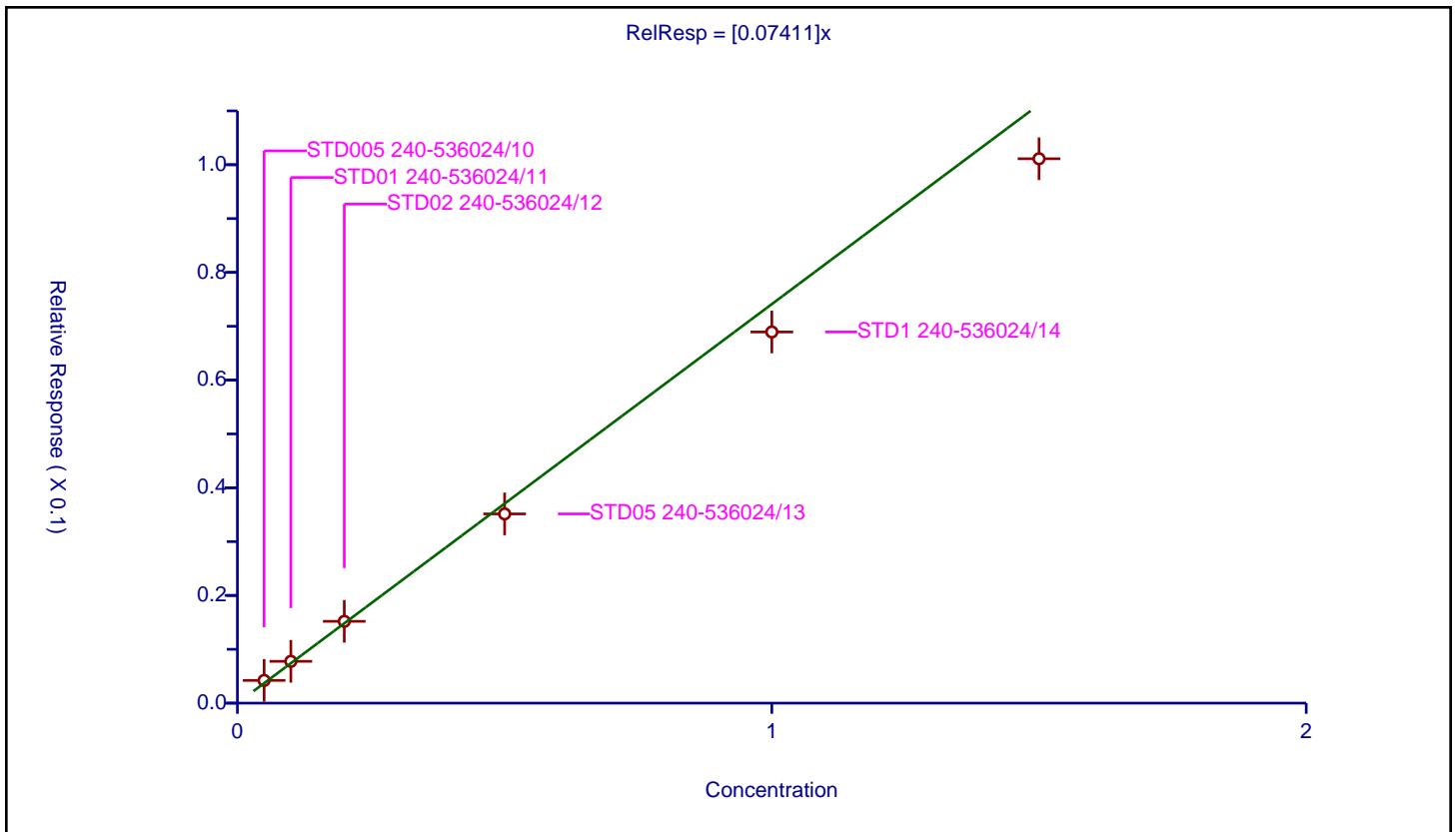
/ PCB-1242 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07411

Error Coefficients	
Standard Error:	203000000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.004221	0.05	168749009.0	0.084419	Y
2	STD01 240-536024/11	0.1	0.007763	0.05	186955248.0	0.077634	Y
3	STD02 240-536024/12	0.2	0.015194	0.05	186647965.0	0.075969	Y
4	STD05 240-536024/13	0.5	0.035146	0.05	177533039.0	0.070292	Y
5	STD1 240-536024/14	1.0	0.068935	0.05	176515067.0	0.068935	Y
6	STD15 240-536024/15	1.5	0.101113	0.05	175872555.0	0.067408	Y



Calibration

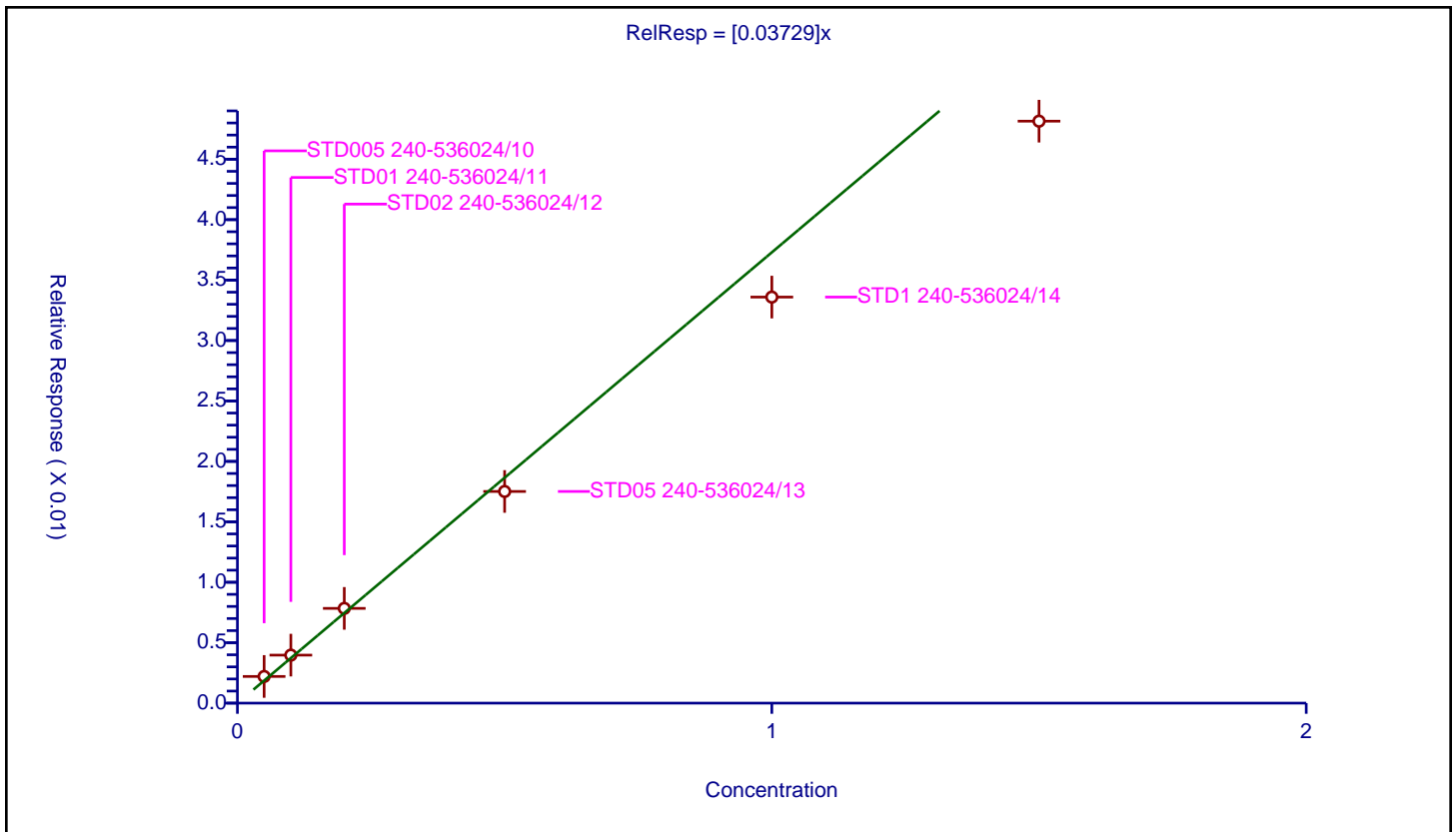
/ PCB-1242 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03729

Error Coefficients	
Standard Error:	97700000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.002206	0.05	168749009.0	0.044121	Y
2	STD01 240-536024/11	0.1	0.003972	0.05	186955248.0	0.039716	Y
3	STD02 240-536024/12	0.2	0.00784	0.05	186647965.0	0.039202	Y
4	STD05 240-536024/13	0.5	0.017513	0.05	177533039.0	0.035025	Y
5	STD1 240-536024/14	1.0	0.033594	0.05	176515067.0	0.033594	Y
6	STD15 240-536024/15	1.5	0.048149	0.05	175872555.0	0.032099	Y



Calibration

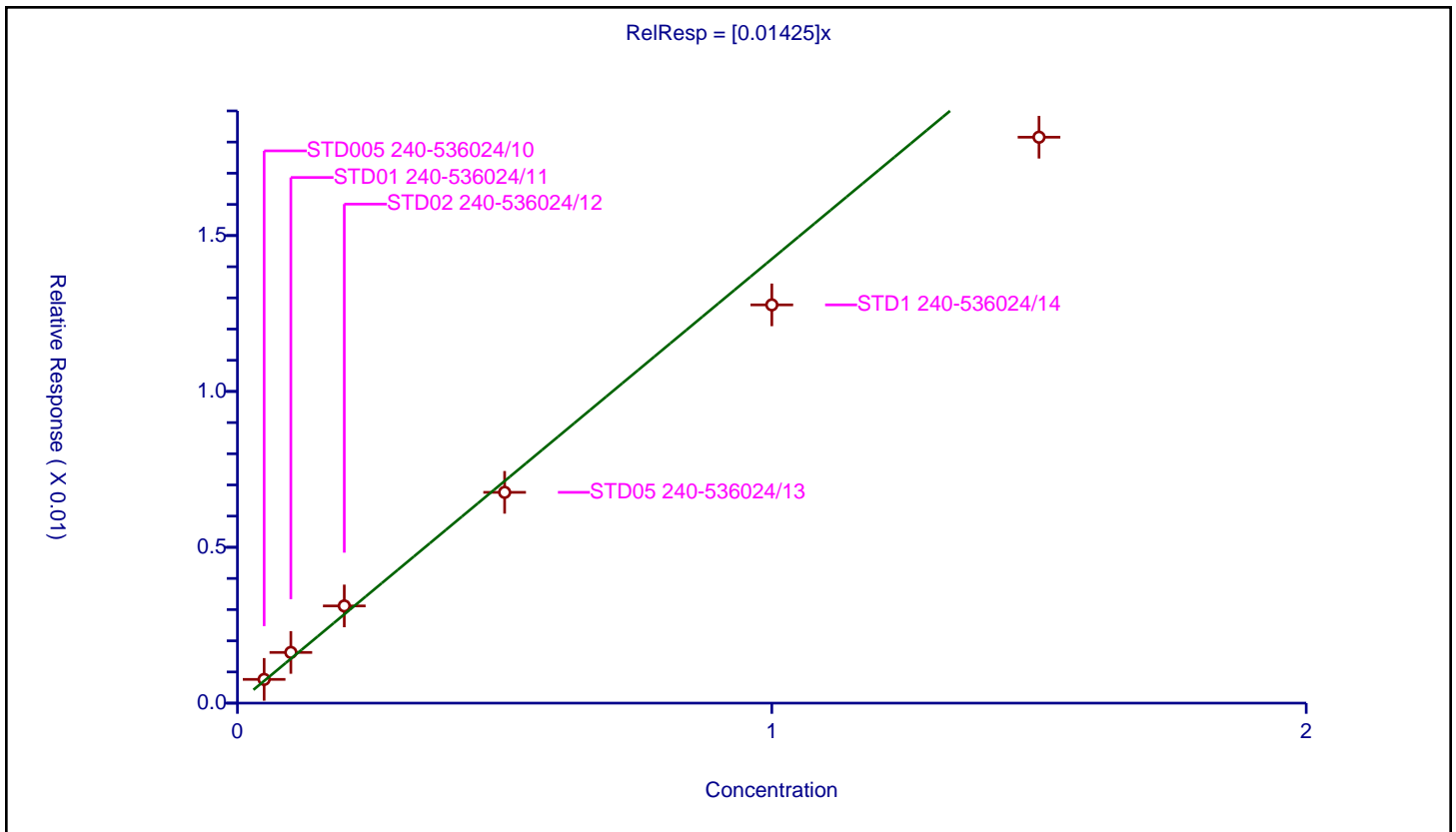
/ PCB-1242 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01425

Error Coefficients	
Standard Error:	37100000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.000761	0.05	168749009.0	0.015226	Y
2	STD01 240-536024/11	0.1	0.001626	0.05	186955248.0	0.016262	Y
3	STD02 240-536024/12	0.2	0.003118	0.05	186647965.0	0.015592	Y
4	STD05 240-536024/13	0.5	0.006762	0.05	177533039.0	0.013524	Y
5	STD1 240-536024/14	1.0	0.012777	0.05	176515067.0	0.012777	Y
6	STD15 240-536024/15	1.5	0.018156	0.05	175872555.0	0.012104	Y



Calibration

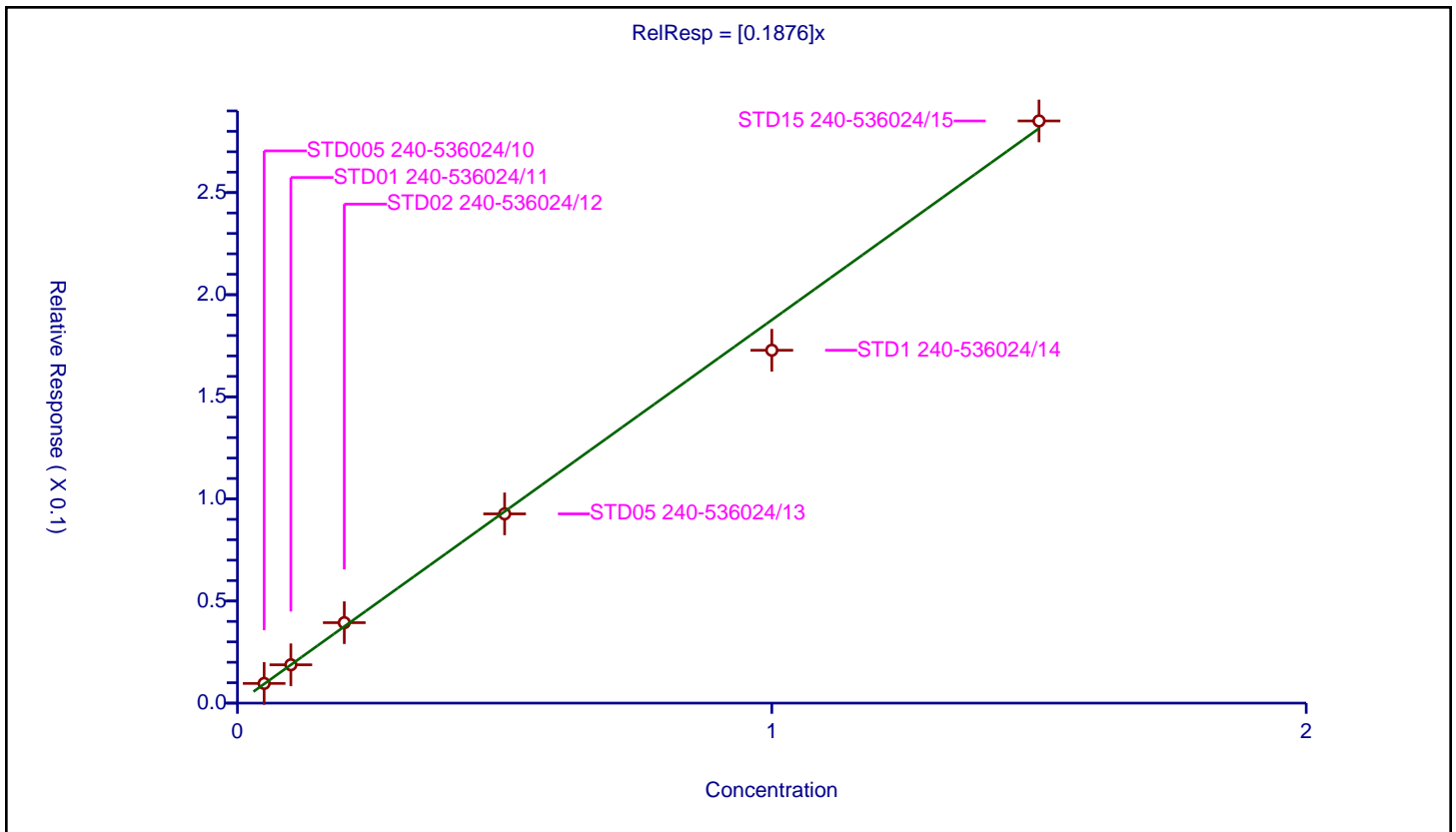
/ PCB-1268 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1876

Error Coefficients	
Standard Error:	550000000
Relative Standard Error:	4.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.009647	0.05	168749009.0	0.192948	Y
2	STD01 240-536024/11	0.1	0.018769	0.05	186955248.0	0.187691	Y
3	STD02 240-536024/12	0.2	0.03939	0.05	186647965.0	0.196948	Y
4	STD05 240-536024/13	0.5	0.092664	0.05	177533039.0	0.185328	Y
5	STD1 240-536024/14	1.0	0.17279	0.05	176515067.0	0.17279	Y
6	STD15 240-536024/15	1.5	0.285085	0.05	175872555.0	0.190056	Y



Calibration

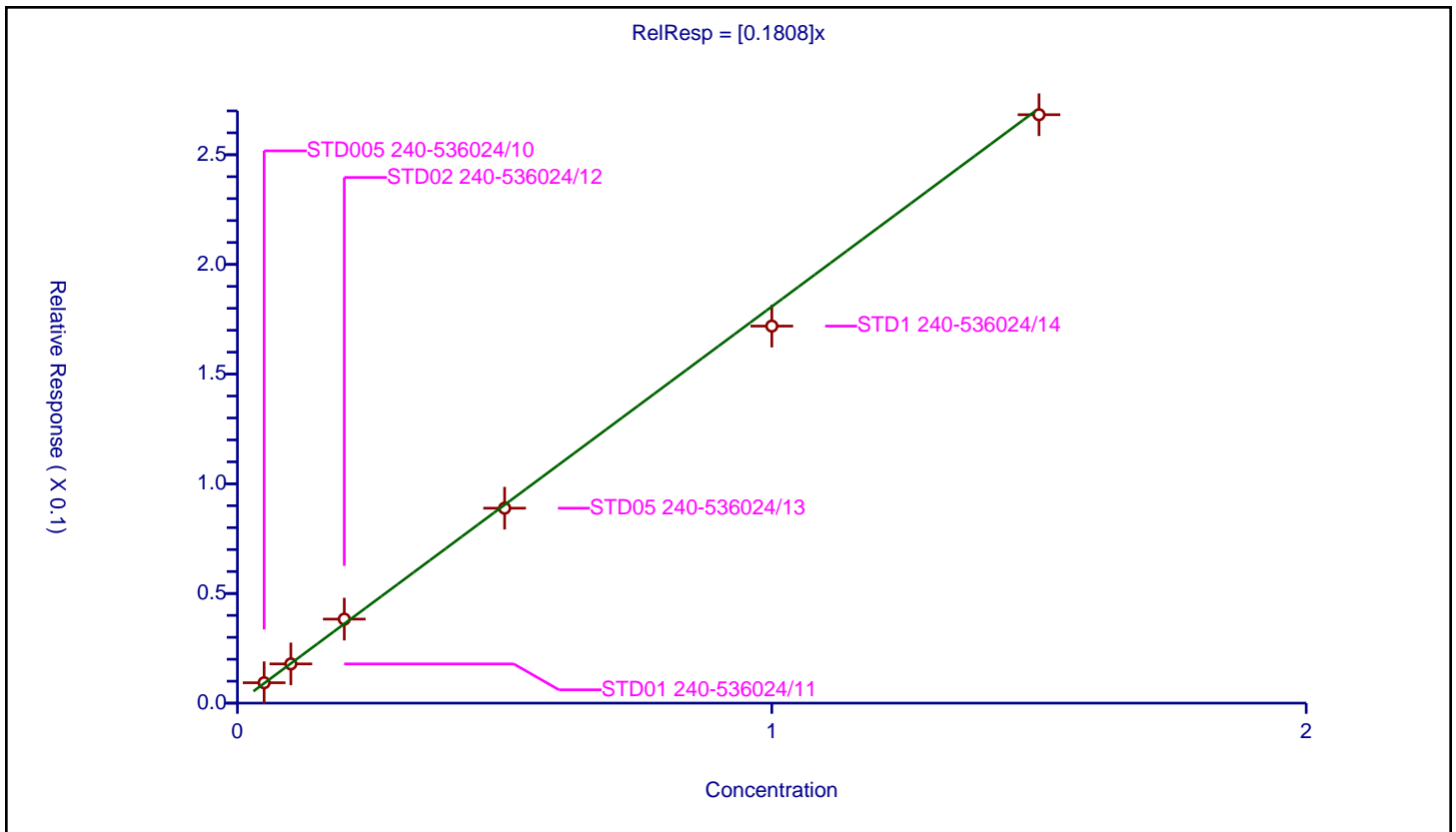
/ PCB-1268 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1808

Error Coefficients	
Standard Error:	526000000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.009295	0.05	168749009.0	0.185895	Y
2	STD01 240-536024/11	0.1	0.017882	0.05	186955248.0	0.178815	Y
3	STD02 240-536024/12	0.2	0.038302	0.05	186647965.0	0.191512	Y
4	STD05 240-536024/13	0.5	0.08888	0.05	177533039.0	0.17776	Y
5	STD1 240-536024/14	1.0	0.171893	0.05	176515067.0	0.171893	Y
6	STD15 240-536024/15	1.5	0.26825	0.05	175872555.0	0.178833	Y



Calibration

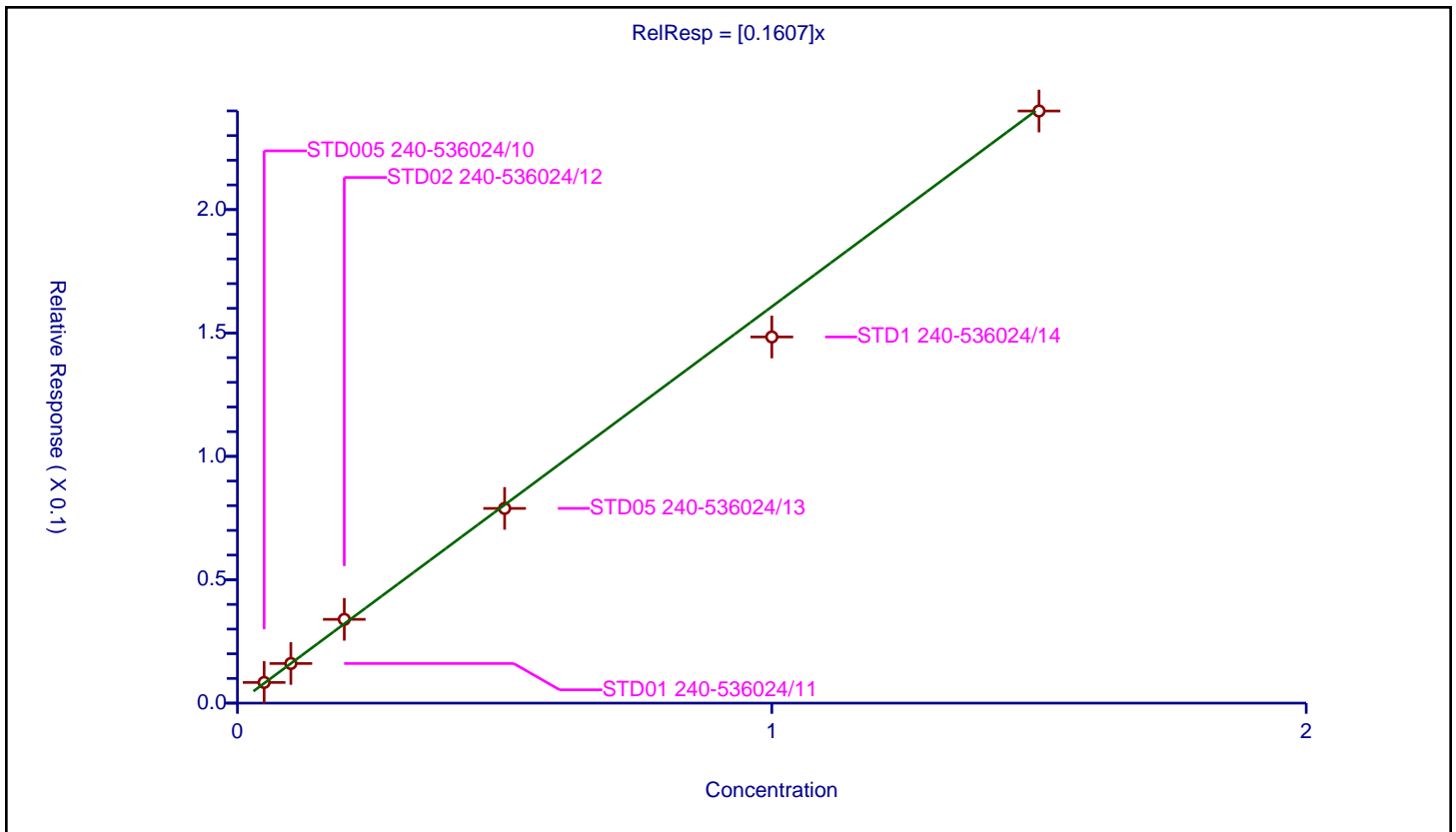
/ PCB-1268 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1607

Error Coefficients	
Standard Error:	466000000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.00838	0.05	168749009.0	0.167595	Y
2	STD01 240-536024/11	0.1	0.016053	0.05	186955248.0	0.160534	Y
3	STD02 240-536024/12	0.2	0.033944	0.05	186647965.0	0.169722	Y
4	STD05 240-536024/13	0.5	0.078917	0.05	177533039.0	0.157834	Y
5	STD1 240-536024/14	1.0	0.148387	0.05	176515067.0	0.148387	Y
6	STD15 240-536024/15	1.5	0.239957	0.05	175872555.0	0.159971	Y



Calibration

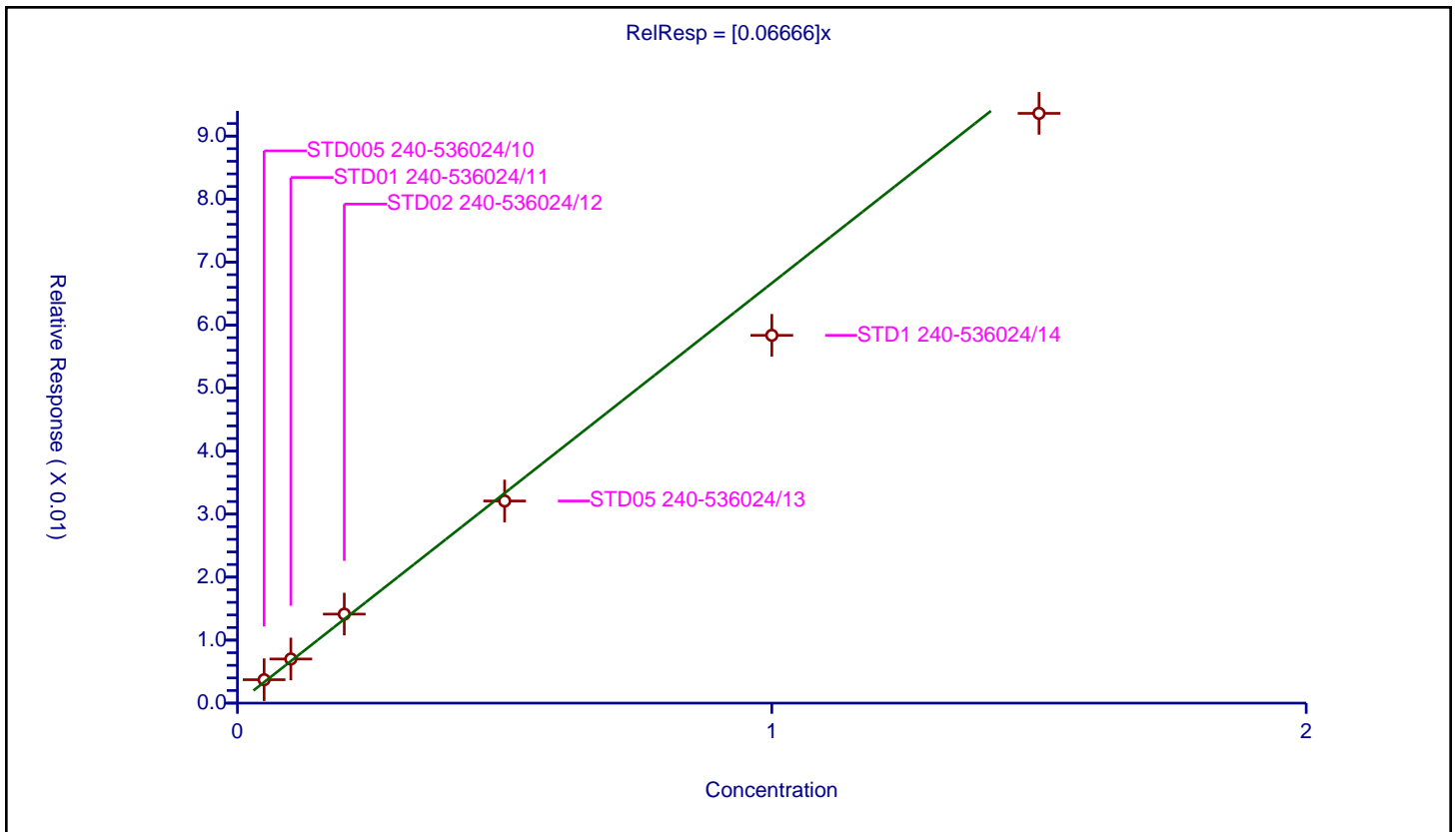
/ PCB-1268 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06666

Error Coefficients	
Standard Error:	183000000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.003716	0.05	168749009.0	0.074322	Y
2	STD01 240-536024/11	0.1	0.007005	0.05	186955248.0	0.070052	Y
3	STD02 240-536024/12	0.2	0.01413	0.05	186647965.0	0.07065	Y
4	STD05 240-536024/13	0.5	0.032083	0.05	177533039.0	0.064166	Y
5	STD1 240-536024/14	1.0	0.058378	0.05	176515067.0	0.058378	Y
6	STD15 240-536024/15	1.5	0.093607	0.05	175872555.0	0.062405	Y



Calibration

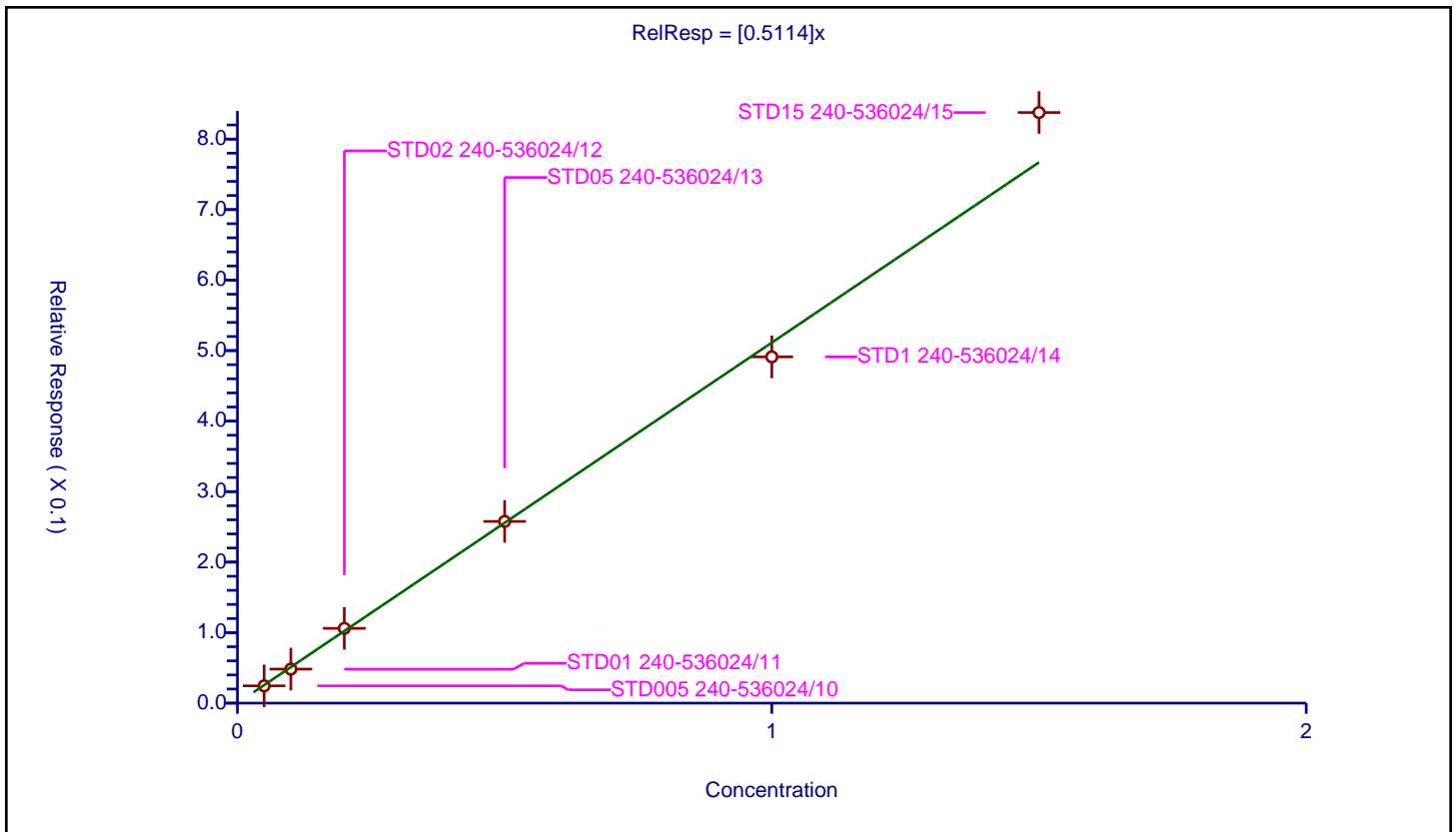
/ PCB-1268 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5114

Error Coefficients	
Standard Error:	1600000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.024512	0.05	168749009.0	0.490243	Y
2	STD01 240-536024/11	0.1	0.048265	0.05	186955248.0	0.482645	Y
3	STD02 240-536024/12	0.2	0.106047	0.05	186647965.0	0.530234	Y
4	STD05 240-536024/13	0.5	0.257733	0.05	177533039.0	0.515467	Y
5	STD1 240-536024/14	1.0	0.491157	0.05	176515067.0	0.491157	Y
6	STD15 240-536024/15	1.5	0.837695	0.05	175872555.0	0.558463	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 13:57 Calibration End Date: 07/25/2022 15:17 Calibration ID: 66889

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/10	P12072510.D
Level 2	STD01 240-536024/11	P12072511.D
Level 3	STD02 240-536024/12	P12072512.D
Level 4	STD05 240-536024/13	P12072513.D
Level 5	STD1 240-536024/14	P12072514.D
Level 6	STD15 240-536024/15	P12072515.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0430 0.0292	0.0391	0.0374	0.0328	0.0308	Ave		0.035 4			15.1		20.0				
PCB-1242 Peak 2	0.0676 0.0464	0.0616	0.0591	0.0520	0.0489	Ave		0.055 9			14.6		20.0				
PCB-1242 Peak 3	0.1133 0.0891	0.1071	0.1043	0.0950	0.0924	Ave		0.100 2			9.4		20.0				
PCB-1242 Peak 4	0.0607 0.0443	0.0568	0.0569	0.0481	0.0460	Ave		0.052 1			13.1		20.0				
PCB-1242 Peak 5	0.0332 0.0230	0.0311	0.0290	0.0257	0.0243	Ave		0.027 7			14.5		20.0				
PCB-1268 Peak 1	0.2628 0.2307	0.2572	0.2693	0.2435	0.2241	Ave		0.247 9			7.3		20.0				
PCB-1268 Peak 2	0.2520 0.2249	0.2458	0.2627	0.2354	0.2161	Ave		0.239 5			7.3		20.0				
PCB-1268 Peak 3	0.2231 0.2001	0.2180	0.2325	0.2100	0.1921	Ave		0.212 6			7.0		20.0				
PCB-1268 Peak 4	0.0952 0.0797	0.0899	0.0938	0.0843	0.0761	Ave		0.086 5			9.0		20.0				
PCB-1268 Peak 5	0.6333 0.5916	0.6160	0.6628	0.6064	0.5503	Ave		0.610 1			6.3		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 13:57 Calibration End Date: 07/25/2022 15:17 Calibration ID: 66889

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/10	P12072510.D
Level 2	STD01 240-536024/11	P12072511.D
Level 3	STD02 240-536024/12	P12072512.D
Level 4	STD05 240-536024/13	P12072513.D
Level 5	STD1 240-536024/14	P12072514.D
Level 6	STD15 240-536024/15	P12072515.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	1795471 38352498	3605317	6833487	14394159	26953131	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	2822360 60872797	5679239	10785381	22811325	42784077	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	4726339 116936892	9870397	19047113	41692998	80782323	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	2532208 58120569	5232014	10385071	21111519	40269676	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	1386269 30247395	2868443	5291288	11271567	21288093	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	10966779 302885897	23704572	49162809	106839217	195976475	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	10513819 295270229	22652269	47957066	103281661	189021607	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	9309268 262710471	20095915	42449041	92145223	167972305	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	3973815 104659250	8287134	17116753	36990152	66543363	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	26424175 776635854	56776530	120992761	266019447	481261408	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

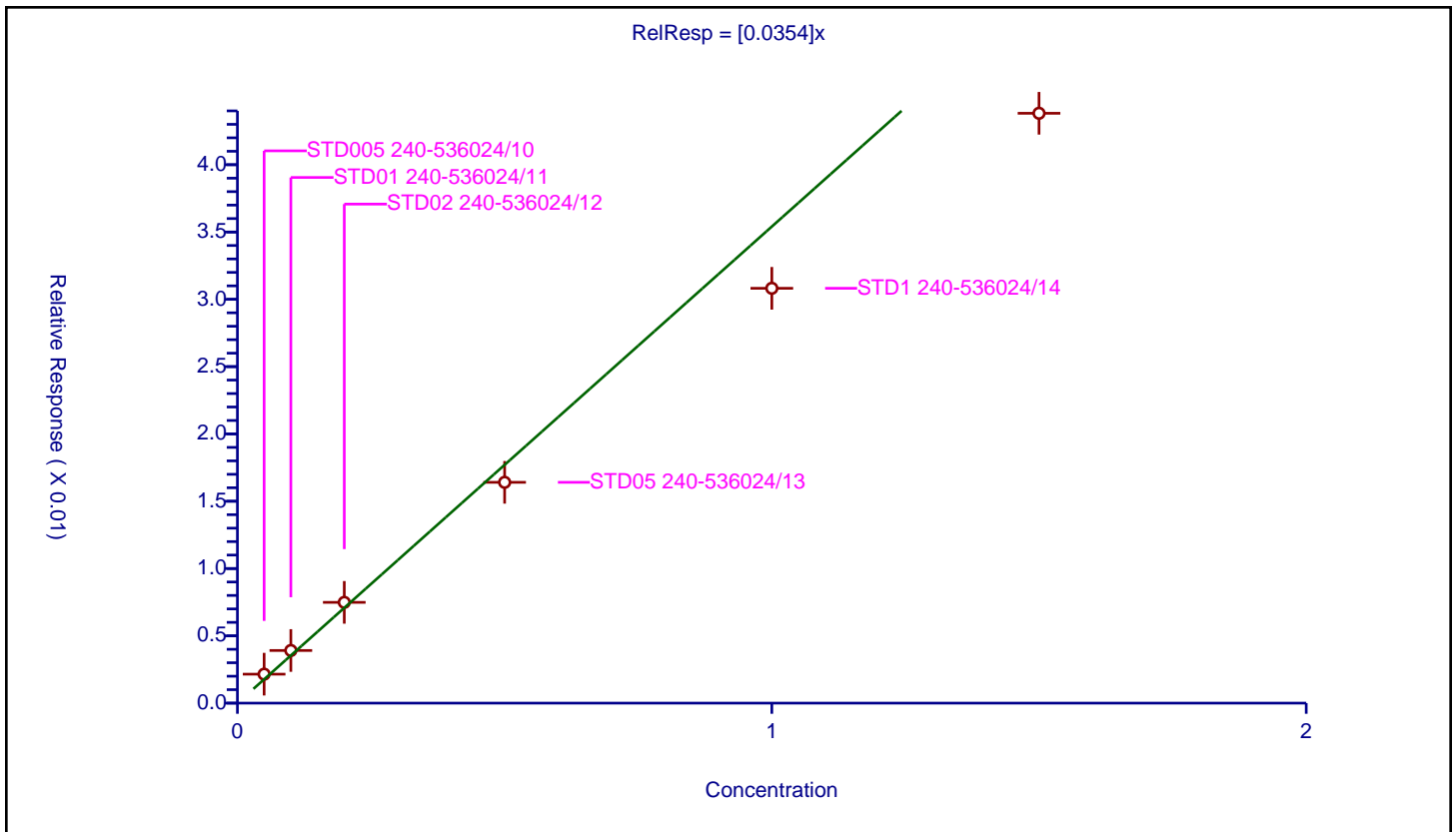
/ PCB-1242 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0354

Error Coefficients	
Standard Error:	22200000
Relative Standard Error:	15.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.002151	0.05	41726266.0	0.04303	Y
2	STD01 240-536024/11	0.1	0.003911	0.05	46086378.0	0.039115	Y
3	STD02 240-536024/12	0.2	0.007487	0.05	45636482.0	0.037434	Y
4	STD05 240-536024/13	0.5	0.016405	0.05	43870040.0	0.032811	Y
5	STD1 240-536024/14	1.0	0.030821	0.05	43725945.0	0.030821	Y
6	STD15 240-536024/15	1.5	0.043821	0.05	43760479.0	0.029214	Y



Calibration

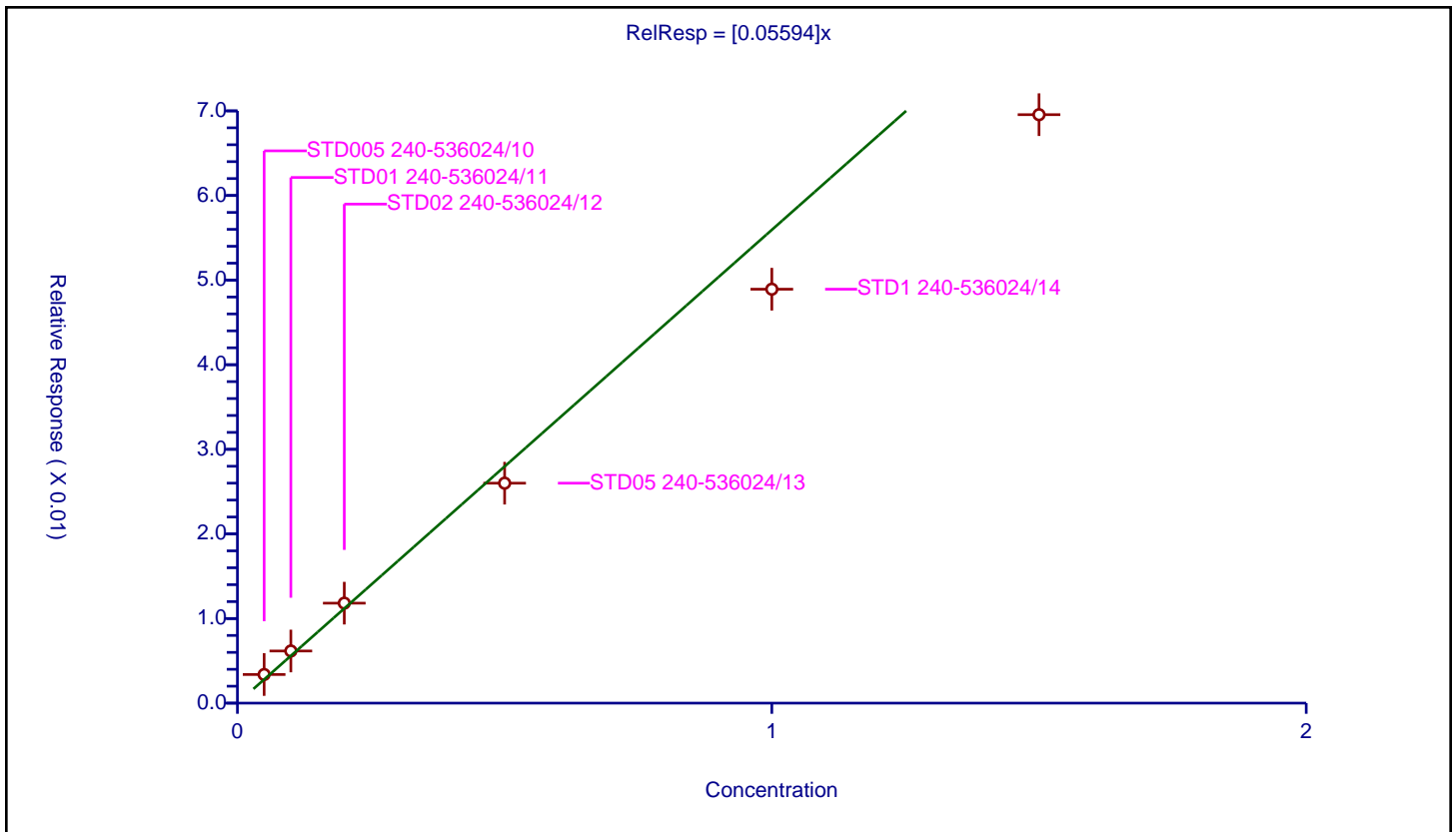
/ PCB-1242 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05594

Error Coefficients	
Standard Error:	35300000
Relative Standard Error:	14.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.003382	0.05	41726266.0	0.06764	Y
2	STD01 240-536024/11	0.1	0.006162	0.05	46086378.0	0.061615	Y
3	STD02 240-536024/12	0.2	0.011817	0.05	45636482.0	0.059083	Y
4	STD05 240-536024/13	0.5	0.025999	0.05	43870040.0	0.051998	Y
5	STD1 240-536024/14	1.0	0.048923	0.05	43725945.0	0.048923	Y
6	STD15 240-536024/15	1.5	0.069552	0.05	43760479.0	0.046368	Y



Calibration

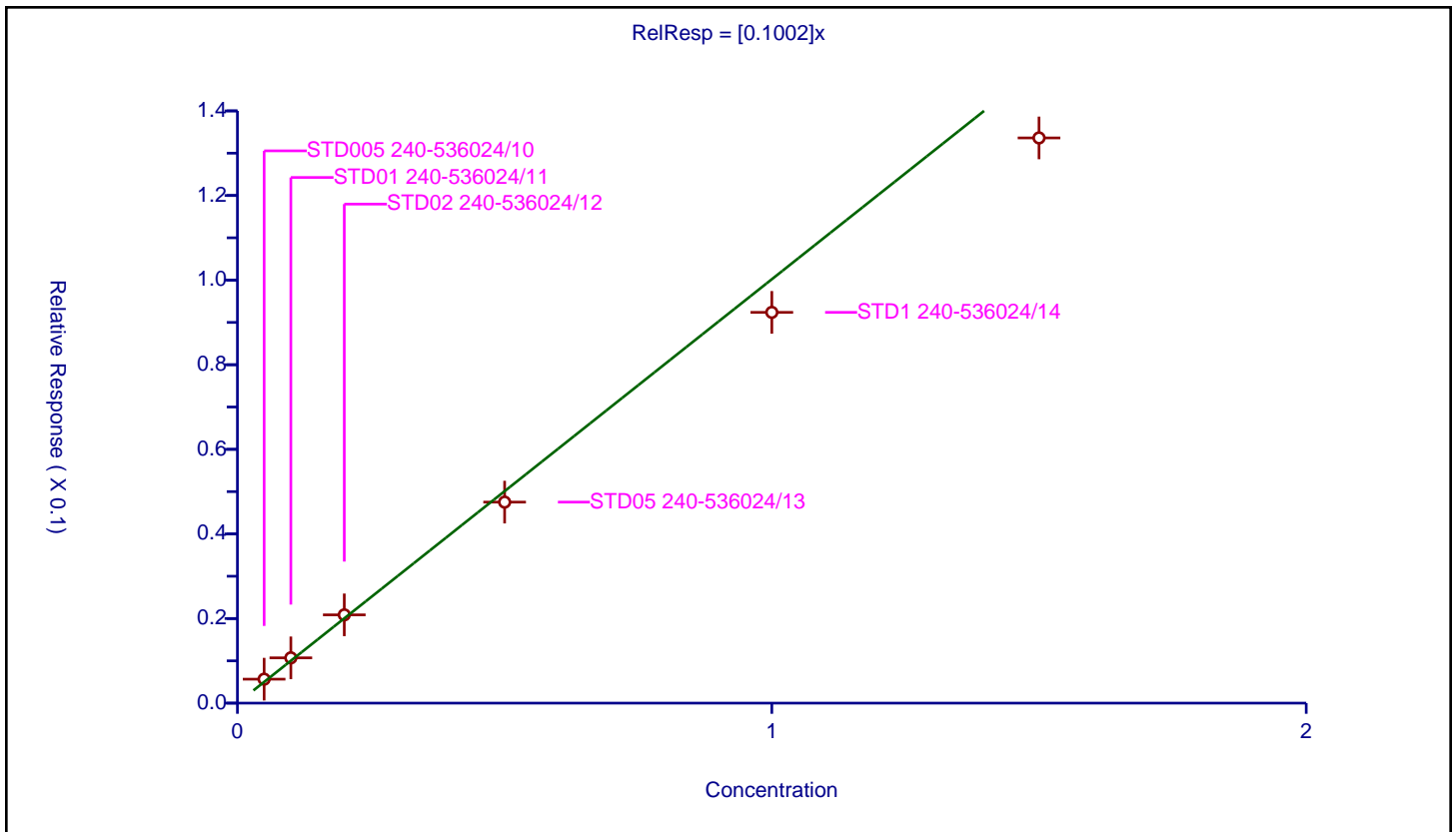
/ PCB-1242 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1002

Error Coefficients	
Standard Error:	67000000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.005664	0.05	41726266.0	0.11327	Y
2	STD01 240-536024/11	0.1	0.010709	0.05	46086378.0	0.107086	Y
3	STD02 240-536024/12	0.2	0.020868	0.05	45636482.0	0.104341	Y
4	STD05 240-536024/13	0.5	0.047519	0.05	43870040.0	0.095038	Y
5	STD1 240-536024/14	1.0	0.092373	0.05	43725945.0	0.092373	Y
6	STD15 240-536024/15	1.5	0.13361	0.05	43760479.0	0.089073	Y



Calibration

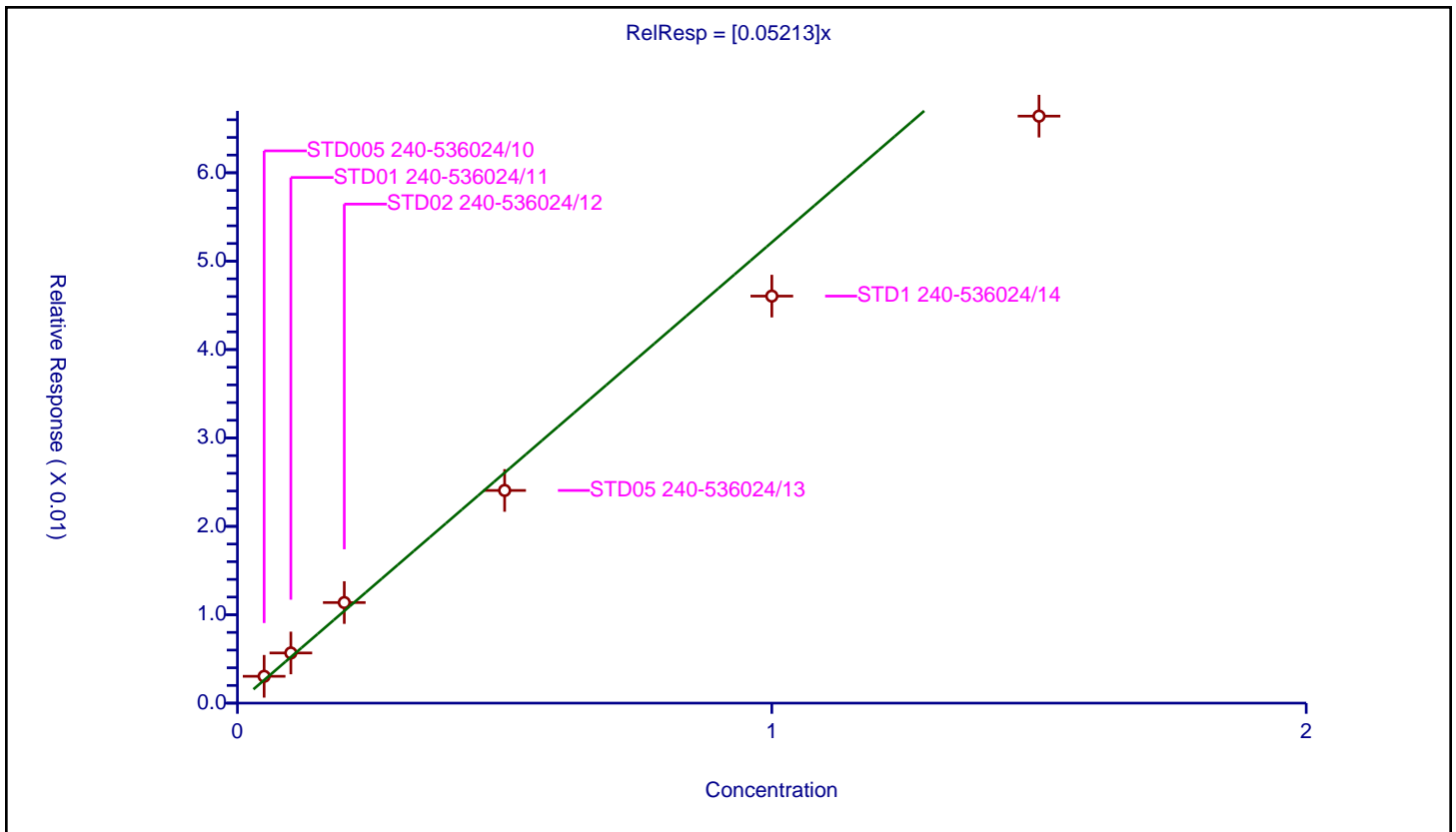
/ PCB-1242 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05213

Error Coefficients	
Standard Error:	33400000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.003034	0.05	41726266.0	0.060686	Y
2	STD01 240-536024/11	0.1	0.005676	0.05	46086378.0	0.056763	Y
3	STD02 240-536024/12	0.2	0.011378	0.05	45636482.0	0.05689	Y
4	STD05 240-536024/13	0.5	0.024061	0.05	43870040.0	0.048123	Y
5	STD1 240-536024/14	1.0	0.046048	0.05	43725945.0	0.046048	Y
6	STD15 240-536024/15	1.5	0.066408	0.05	43760479.0	0.044272	Y



Calibration

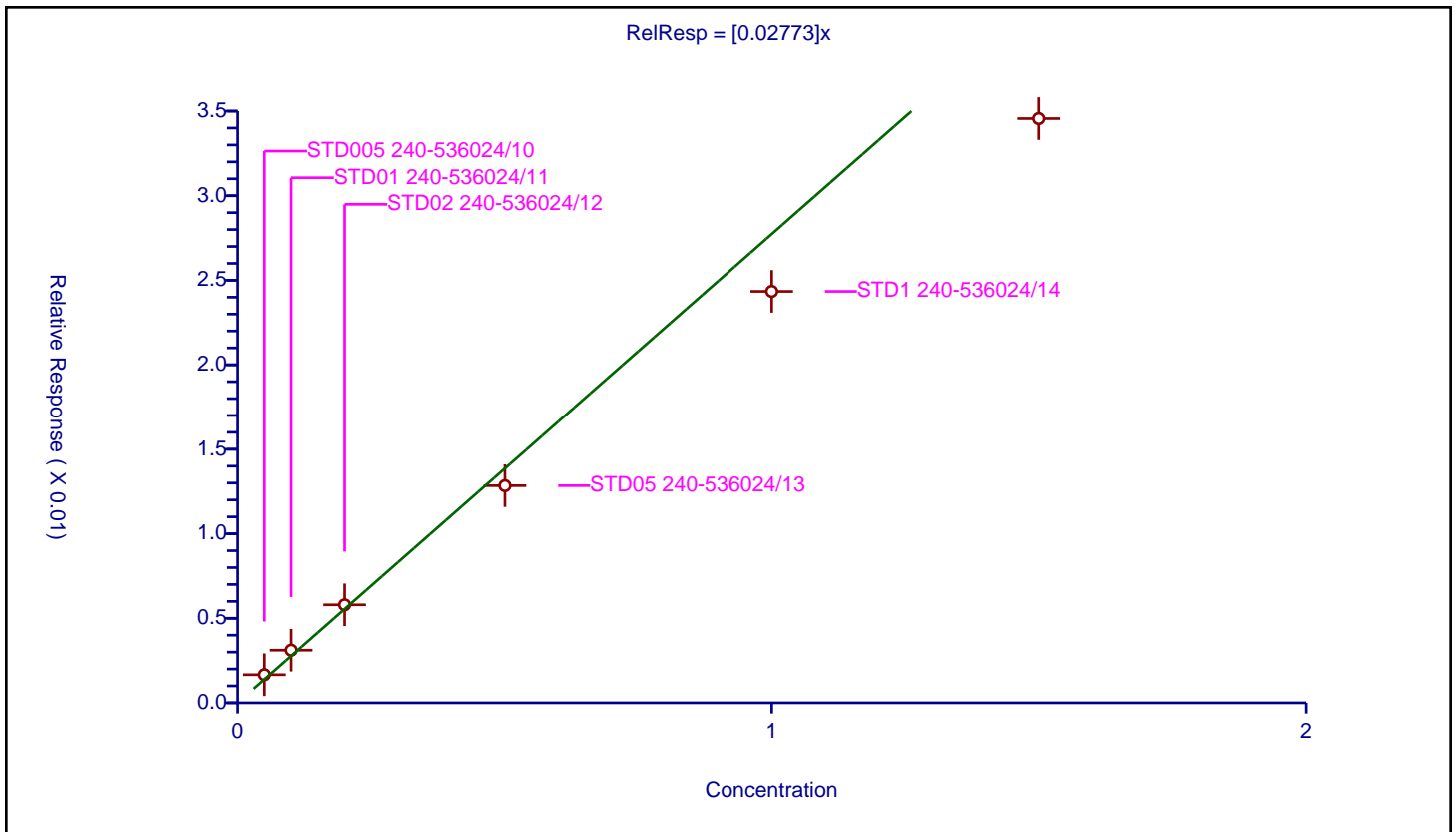
/ PCB-1242 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02773

Error Coefficients	
Standard Error:	17500000
Relative Standard Error:	14.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.001661	0.05	41726266.0	0.033223	Y
2	STD01 240-536024/11	0.1	0.003112	0.05	46086378.0	0.03112	Y
3	STD02 240-536024/12	0.2	0.005797	0.05	45636482.0	0.028986	Y
4	STD05 240-536024/13	0.5	0.012847	0.05	43870040.0	0.025693	Y
5	STD1 240-536024/14	1.0	0.024343	0.05	43725945.0	0.024343	Y
6	STD15 240-536024/15	1.5	0.03456	0.05	43760479.0	0.02304	Y



Calibration

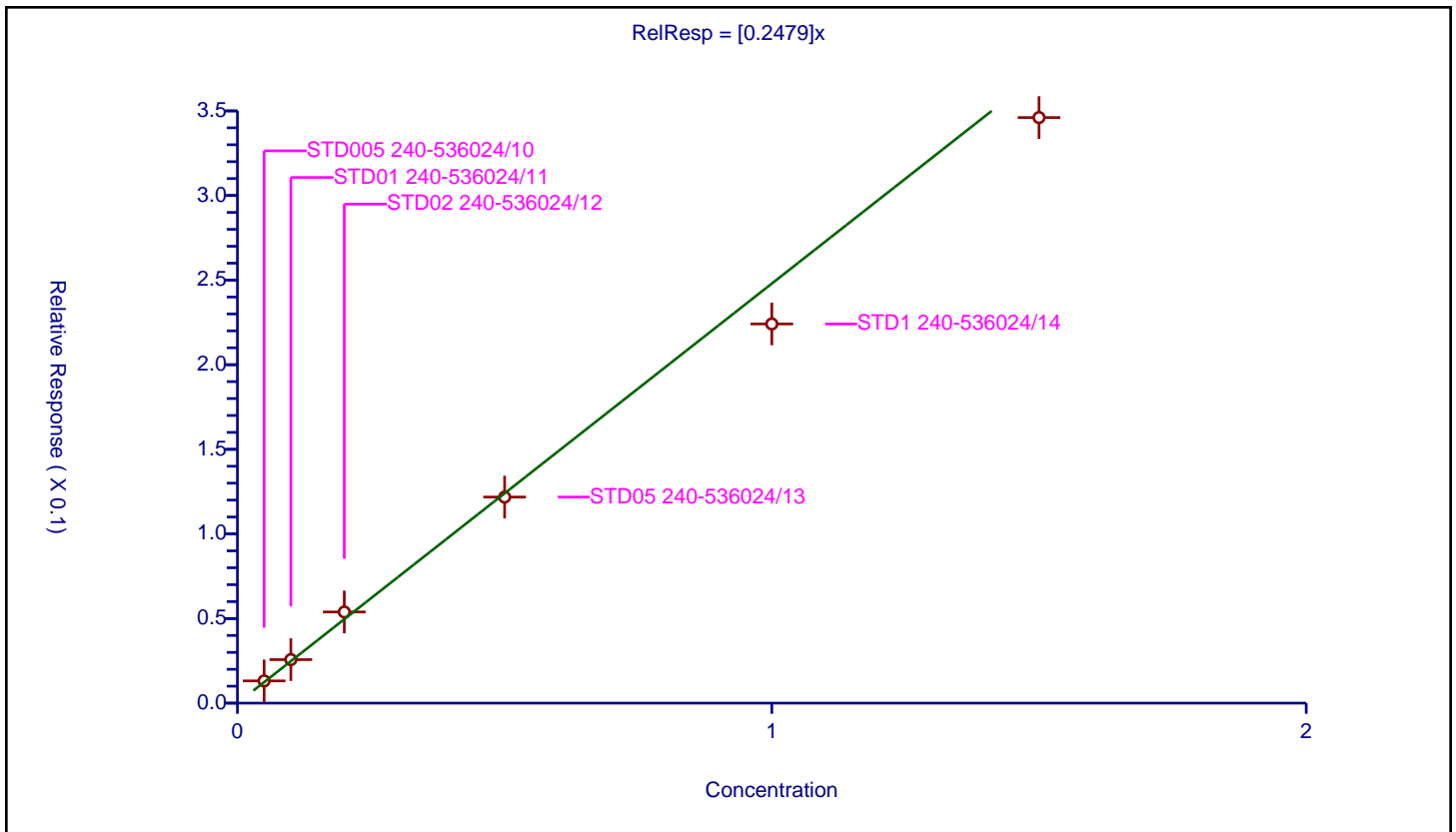
/ PCB-1268 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2479

Error Coefficients	
Standard Error:	170000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.013141	0.05	41726266.0	0.262827	Y
2	STD01 240-536024/11	0.1	0.025718	0.05	46086378.0	0.257175	Y
3	STD02 240-536024/12	0.2	0.053863	0.05	45636482.0	0.269317	Y
4	STD05 240-536024/13	0.5	0.121768	0.05	43870040.0	0.243536	Y
5	STD1 240-536024/14	1.0	0.224096	0.05	43725945.0	0.224096	Y
6	STD15 240-536024/15	1.5	0.346072	0.05	43760479.0	0.230715	Y



Calibration

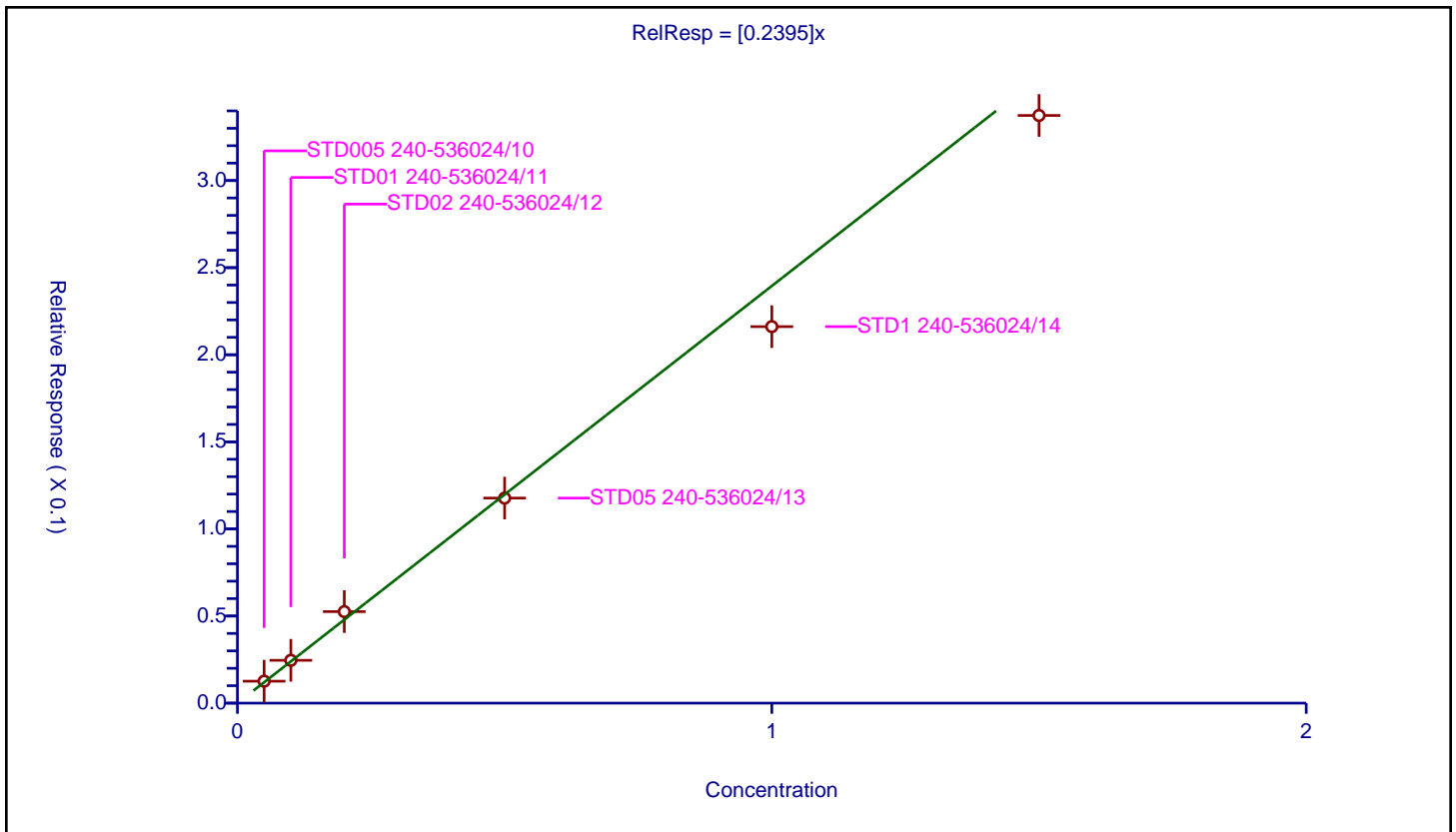
/ PCB-1268 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2395

Error Coefficients	
Standard Error:	165000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.012599	0.05	41726266.0	0.251971	Y
2	STD01 240-536024/11	0.1	0.024576	0.05	46086378.0	0.245759	Y
3	STD02 240-536024/12	0.2	0.052542	0.05	45636482.0	0.262712	Y
4	STD05 240-536024/13	0.5	0.117713	0.05	43870040.0	0.235426	Y
5	STD1 240-536024/14	1.0	0.216144	0.05	43725945.0	0.216144	Y
6	STD15 240-536024/15	1.5	0.337371	0.05	43760479.0	0.224914	Y



Calibration

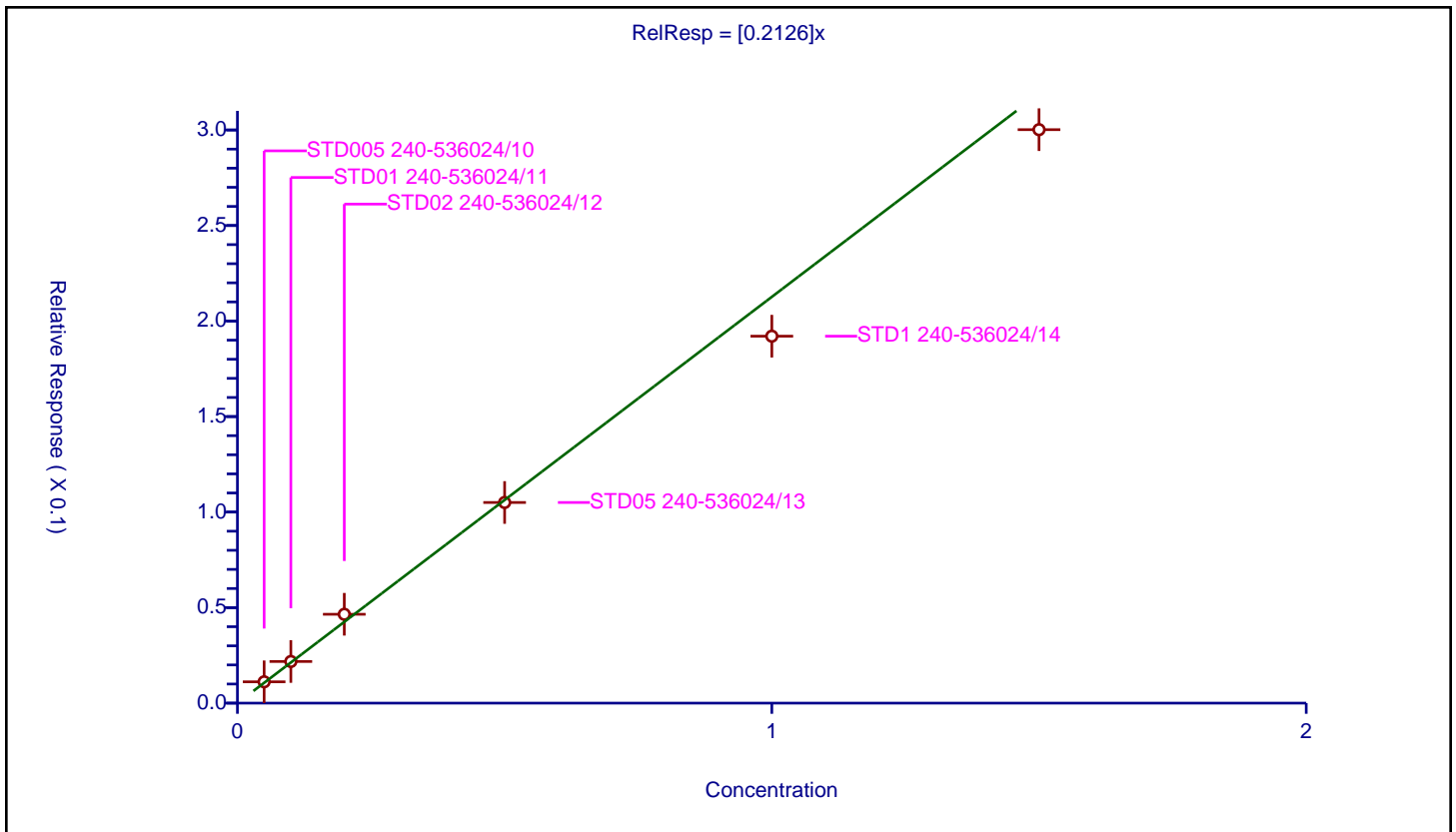
/ PCB-1268 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2126

Error Coefficients	
Standard Error:	147000000
Relative Standard Error:	7.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.011155	0.05	41726266.0	0.223103	Y
2	STD01 240-536024/11	0.1	0.021802	0.05	46086378.0	0.218024	Y
3	STD02 240-536024/12	0.2	0.046508	0.05	45636482.0	0.232539	Y
4	STD05 240-536024/13	0.5	0.105021	0.05	43870040.0	0.210041	Y
5	STD1 240-536024/14	1.0	0.192074	0.05	43725945.0	0.192074	Y
6	STD15 240-536024/15	1.5	0.300169	0.05	43760479.0	0.200112	Y



Calibration

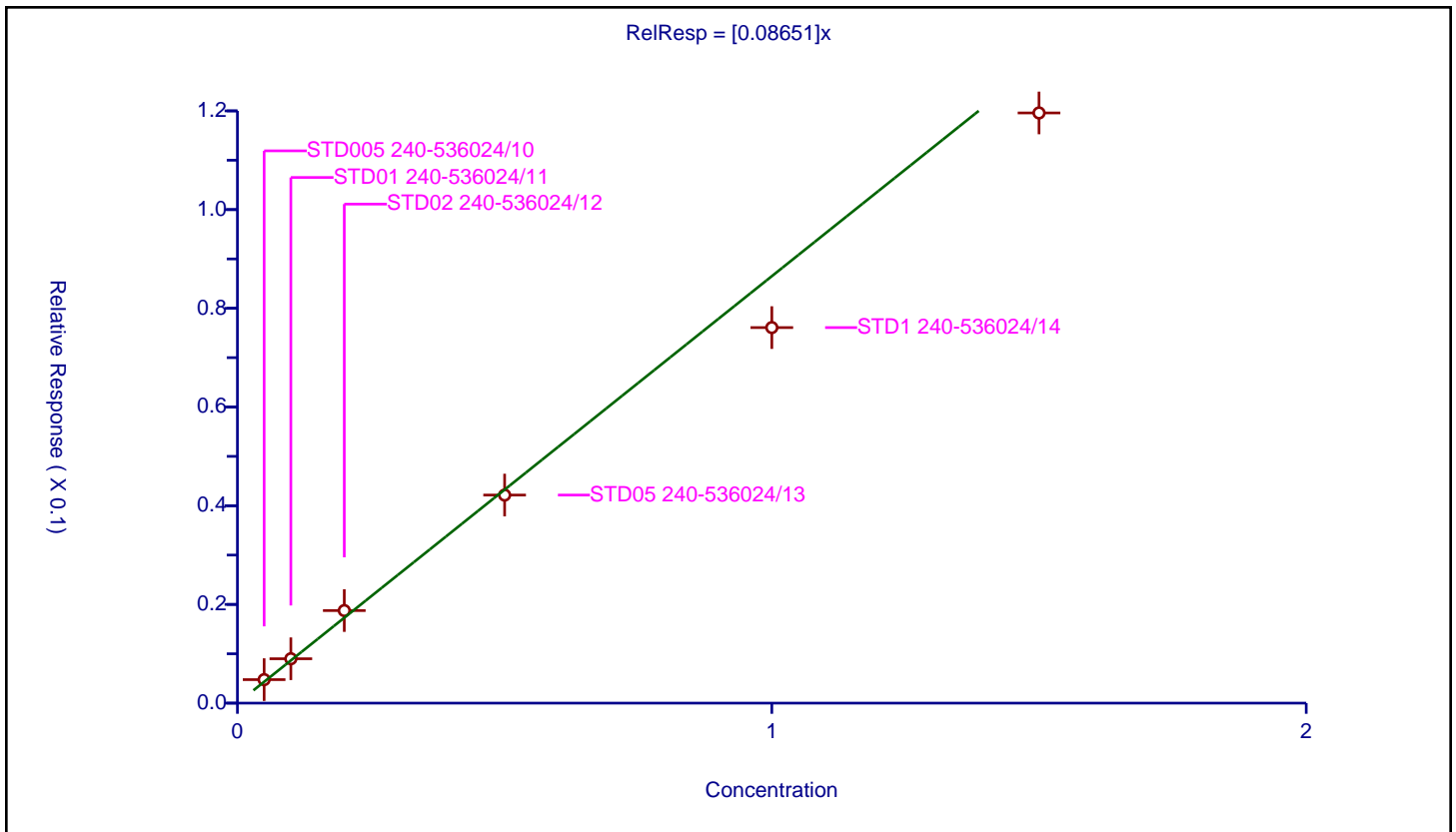
/ PCB-1268 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08651

Error Coefficients	
Standard Error:	58500000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.004762	0.05	41726266.0	0.095235	Y
2	STD01 240-536024/11	0.1	0.008991	0.05	46086378.0	0.089909	Y
3	STD02 240-536024/12	0.2	0.018753	0.05	45636482.0	0.093767	Y
4	STD05 240-536024/13	0.5	0.042159	0.05	43870040.0	0.084318	Y
5	STD1 240-536024/14	1.0	0.076091	0.05	43725945.0	0.076091	Y
6	STD15 240-536024/15	1.5	0.119582	0.05	43760479.0	0.079721	Y



Calibration

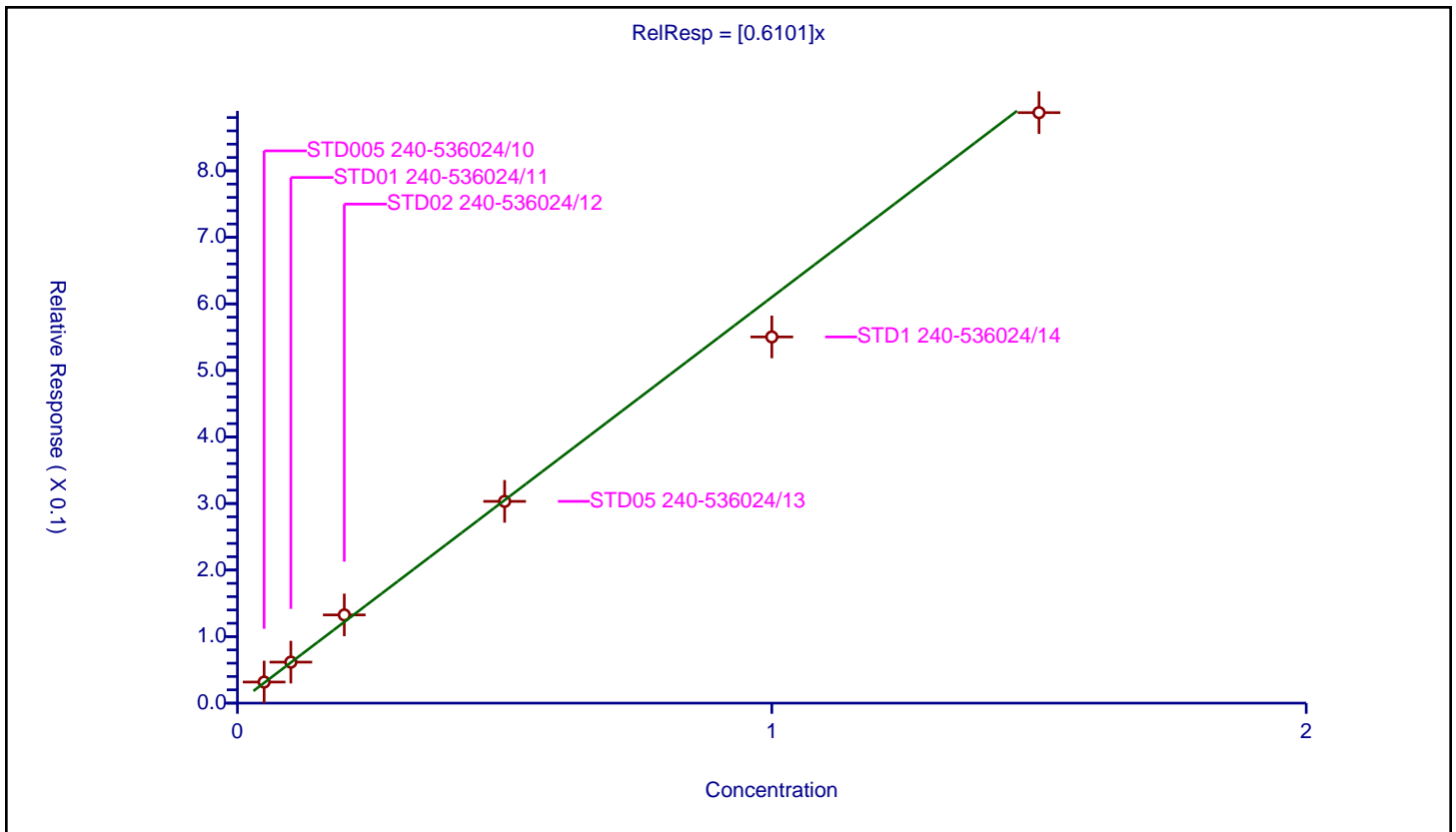
/ PCB-1268 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6101

Error Coefficients	
Standard Error:	430000000
Relative Standard Error:	6.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/10	0.05	0.031664	0.05	41726266.0	0.633274	Y
2	STD01 240-536024/11	0.1	0.061598	0.05	46086378.0	0.61598	Y
3	STD02 240-536024/12	0.2	0.132561	0.05	45636482.0	0.662807	Y
4	STD05 240-536024/13	0.5	0.30319	0.05	43870040.0	0.606381	Y
5	STD1 240-536024/14	1.0	0.550316	0.05	43725945.0	0.550316	Y
6	STD15 240-536024/15	1.5	0.887371	0.05	43760479.0	0.591581	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 15:32 Calibration End Date: 07/25/2022 16:52 Calibration ID: 66896

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/16	P12072516.D
Level 2	STD01 240-536024/17	P12072517.D
Level 3	STD02 240-536024/18	P12072518.D
Level 4	STD05 240-536024/19	P12072519.D
Level 5	STD1 240-536024/20	P12072520.D
Level 6	STD15 240-536024/21	P12072521.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0257 0.0181	0.0231	0.0253	0.0223	0.0207	Ave		0.022 5			12.8		20.0				
PCB-1248 Peak 2	0.0522 0.0420	0.0489	0.0498	0.0450	0.0435	Ave		0.046 9			8.5		20.0				
PCB-1248 Peak 3	0.0577 0.0464	0.0540	0.0560	0.0507	0.0504	Ave		0.052 5			7.9		20.0				
PCB-1248 Peak 4	0.0416 0.0341	0.0388	0.0387	0.0361	0.0360	Ave		0.037 6			7.2		20.0				
PCB-1248 Peak 5	0.0260 0.0218	0.0251	0.0251	0.0236	0.0232	Ave		0.024 1			6.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 15:32 Calibration End Date: 07/25/2022 16:52 Calibration ID: 66896

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/16	P12072516.D
Level 2	STD01 240-536024/17	P12072517.D
Level 3	STD02 240-536024/18	P12072518.D
Level 4	STD05 240-536024/19	P12072519.D
Level 5	STD1 240-536024/20	P12072520.D
Level 6	STD15 240-536024/21	P12072521.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	4374079 107226101	8792264	18050305	40067385	75552921	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	8874015 249334094	18620044	35496012	80884580	158552985	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	9805595 275187785	20580855	39956148	91069334	183441438	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	7078243 202131920	14801788	27639870	64974981	131219604	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	4427808 129419815	9582109	17879360	42343926	84575655	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

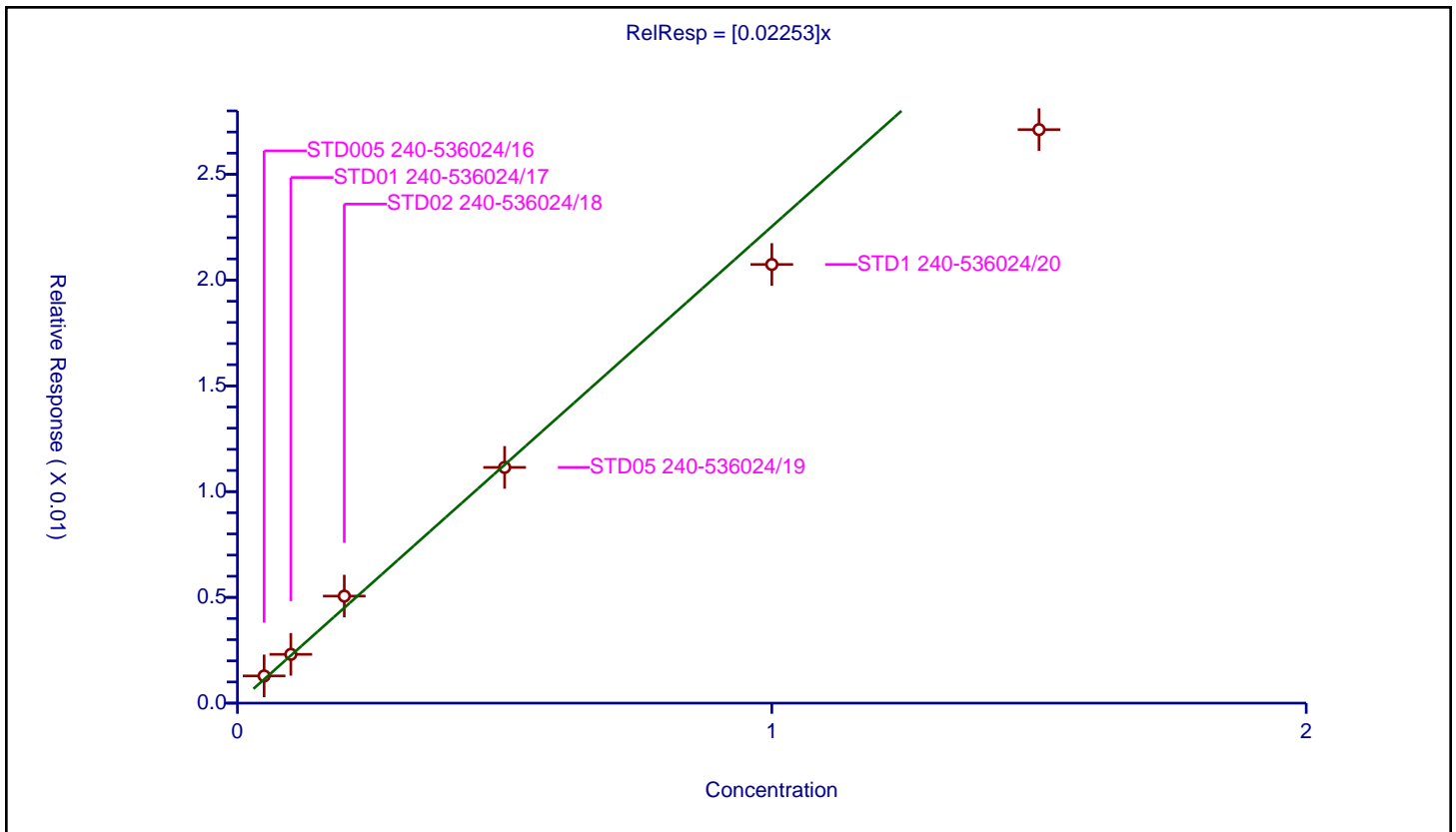
/ PCB-1248 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02253

Error Coefficients	
Standard Error:	62000000
Relative Standard Error:	12.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.001286	0.05	170018094.0	0.025727	Y
2	STD01 240-536024/17	0.1	0.002307	0.05	190581226.0	0.023067	Y
3	STD02 240-536024/18	0.2	0.005061	0.05	178340254.0	0.025303	Y
4	STD05 240-536024/19	0.5	0.011145	0.05	179756926.0	0.02229	Y
5	STD1 240-536024/20	1.0	0.020738	0.05	182162848.0	0.020738	Y
6	STD15 240-536024/21	1.5	0.027113	0.05	197739172.0	0.018075	Y



Calibration

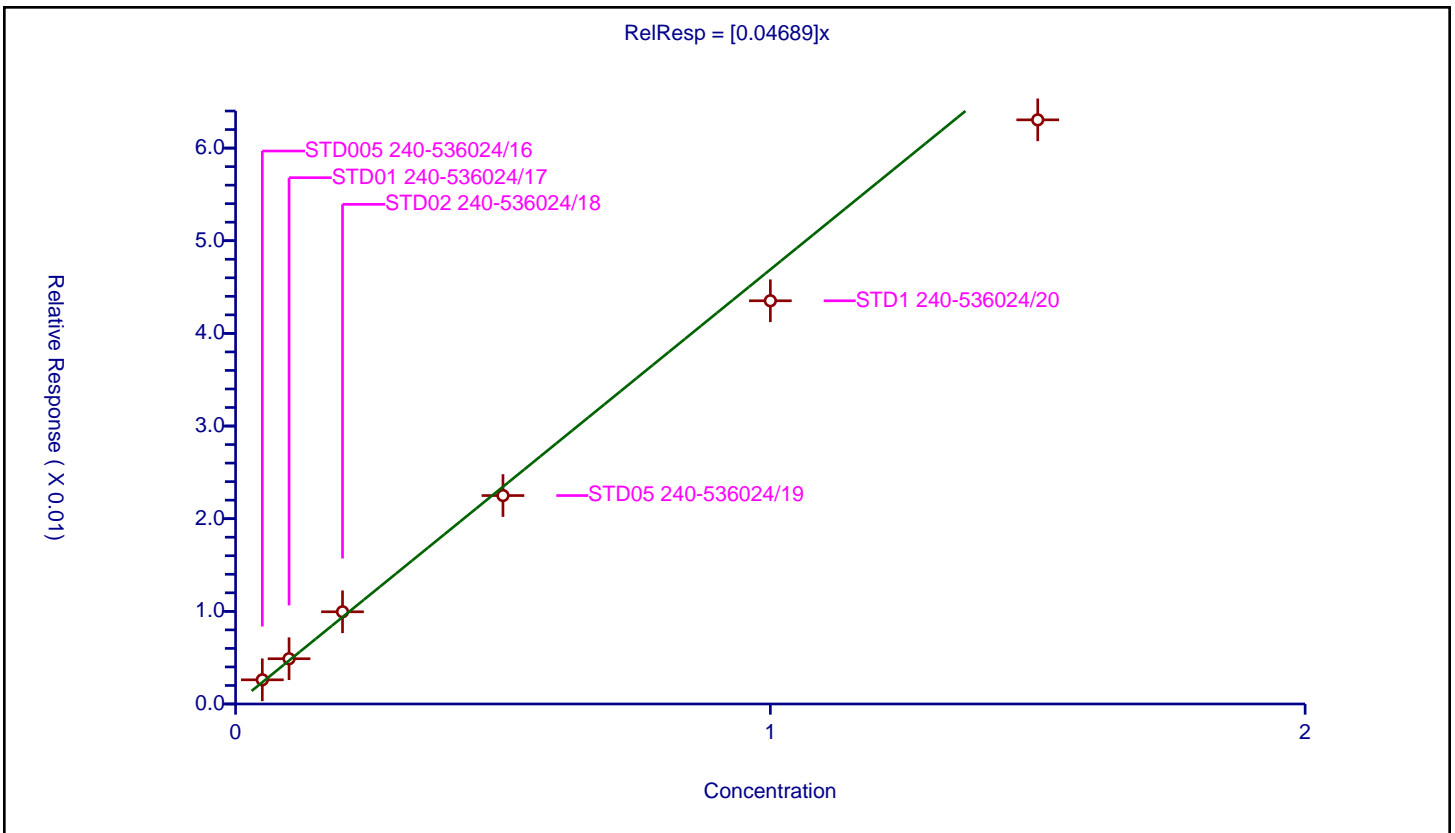
/ PCB-1248 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04689

Error Coefficients	
Standard Error:	138000000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.00261	0.05	170018094.0	0.052195	Y
2	STD01 240-536024/17	0.1	0.004885	0.05	190581226.0	0.048851	Y
3	STD02 240-536024/18	0.2	0.009952	0.05	178340254.0	0.049759	Y
4	STD05 240-536024/19	0.5	0.022498	0.05	179756926.0	0.044997	Y
5	STD1 240-536024/20	1.0	0.04352	0.05	182162848.0	0.04352	Y
6	STD15 240-536024/21	1.5	0.063046	0.05	197739172.0	0.042031	Y



Calibration

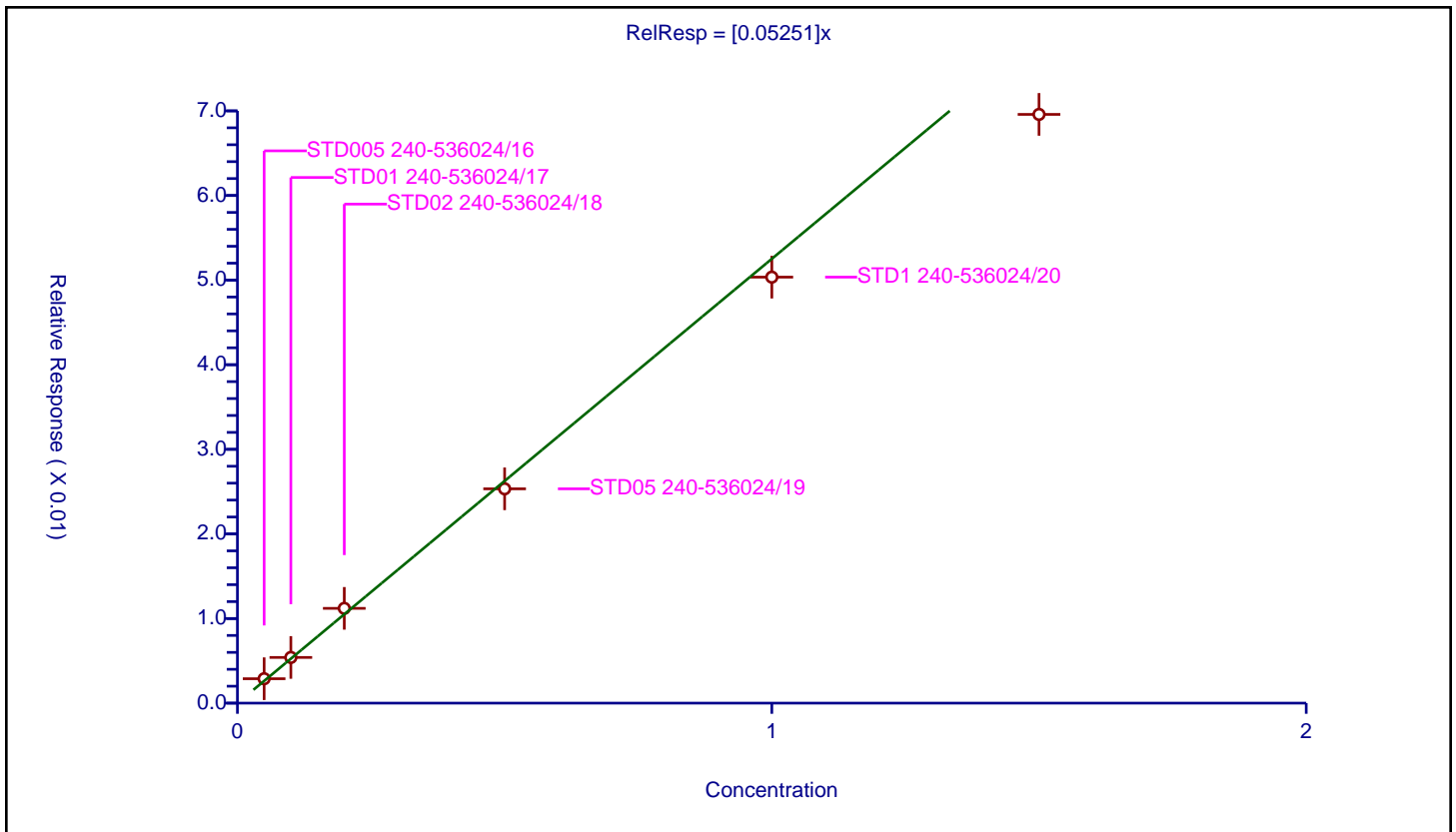
/ PCB-1248 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05251

Error Coefficients	
Standard Error:	155000000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.002884	0.05	170018094.0	0.057674	Y
2	STD01 240-536024/17	0.1	0.005399	0.05	190581226.0	0.053995	Y
3	STD02 240-536024/18	0.2	0.011202	0.05	178340254.0	0.056011	Y
4	STD05 240-536024/19	0.5	0.025331	0.05	179756926.0	0.050662	Y
5	STD1 240-536024/20	1.0	0.050351	0.05	182162848.0	0.050351	Y
6	STD15 240-536024/21	1.5	0.069584	0.05	197739172.0	0.046389	Y



Calibration

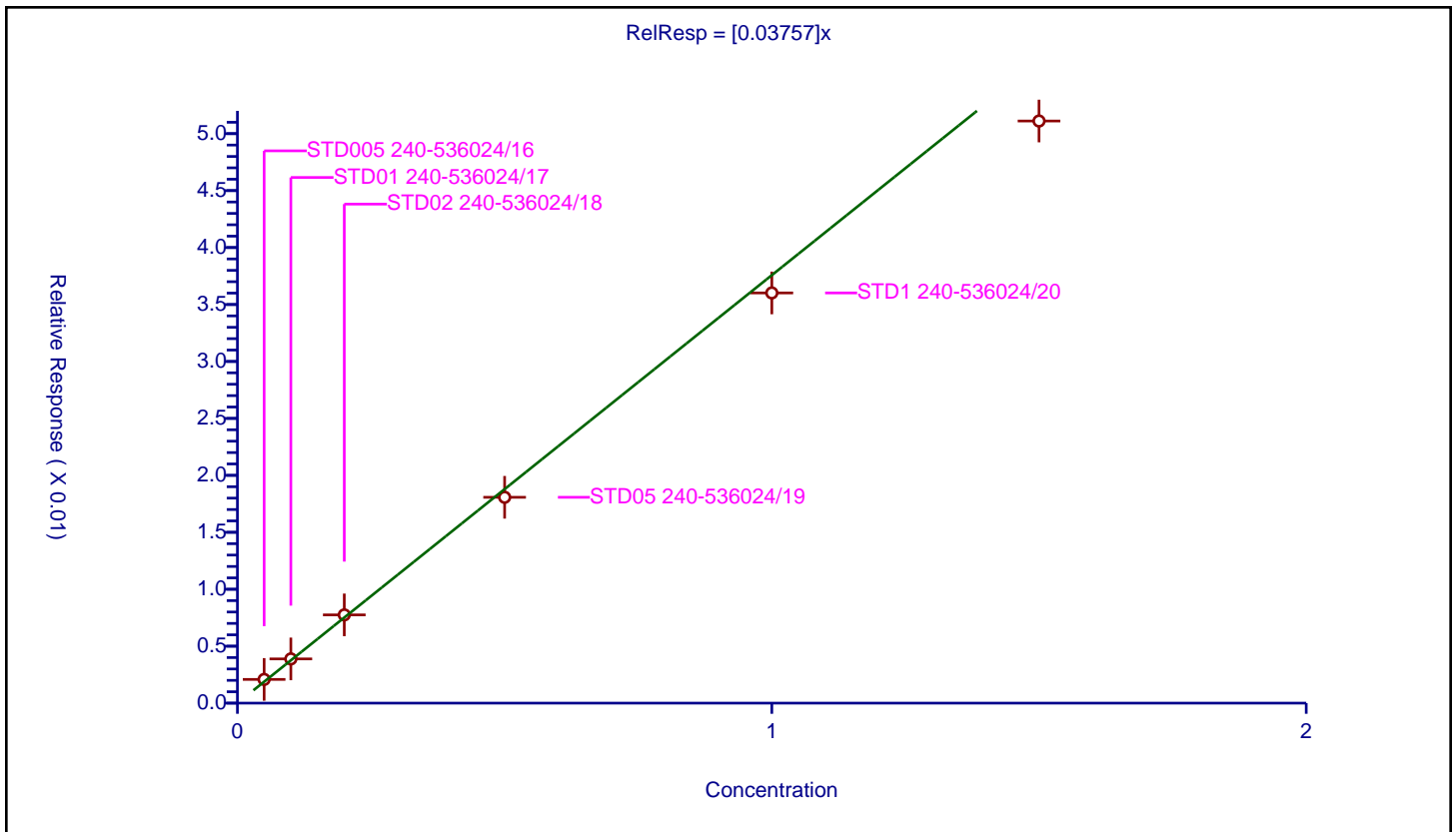
/ PCB-1248 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03757

Error Coefficients	
Standard Error:	113000000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.002082	0.05	170018094.0	0.041632	Y
2	STD01 240-536024/17	0.1	0.003883	0.05	190581226.0	0.038833	Y
3	STD02 240-536024/18	0.2	0.007749	0.05	178340254.0	0.038746	Y
4	STD05 240-536024/19	0.5	0.018073	0.05	179756926.0	0.036146	Y
5	STD1 240-536024/20	1.0	0.036017	0.05	182162848.0	0.036017	Y
6	STD15 240-536024/21	1.5	0.051111	0.05	197739172.0	0.034074	Y



Calibration

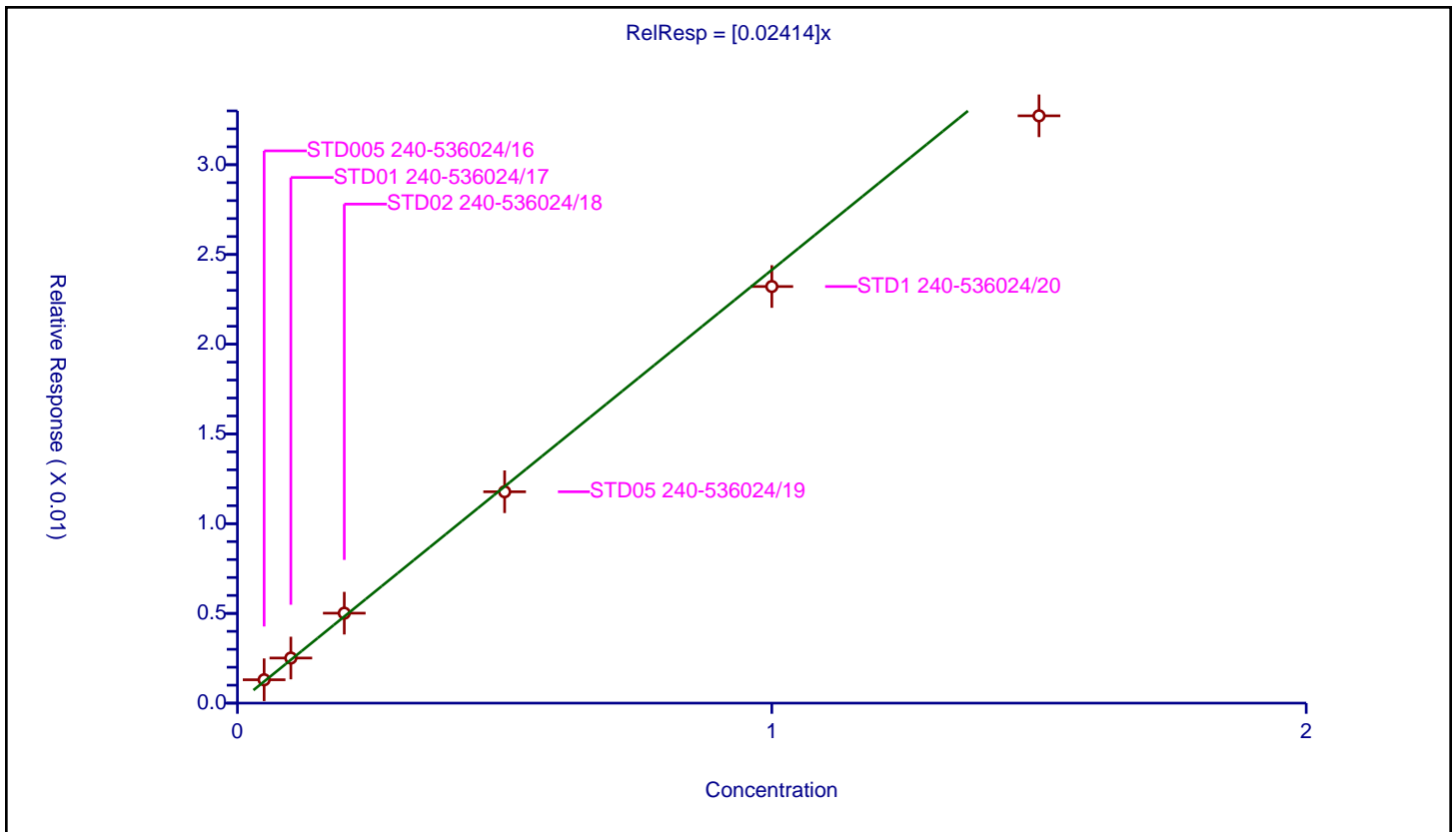
/ PCB-1248 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02414

Error Coefficients	
Standard Error:	72300000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.001302	0.05	170018094.0	0.026043	Y
2	STD01 240-536024/17	0.1	0.002514	0.05	190581226.0	0.025139	Y
3	STD02 240-536024/18	0.2	0.005013	0.05	178340254.0	0.025064	Y
4	STD05 240-536024/19	0.5	0.011778	0.05	179756926.0	0.023556	Y
5	STD1 240-536024/20	1.0	0.023214	0.05	182162848.0	0.023214	Y
6	STD15 240-536024/21	1.5	0.032725	0.05	197739172.0	0.021817	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 15:32 Calibration End Date: 07/25/2022 16:52 Calibration ID: 66897

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/16	P12072516.D
Level 2	STD01 240-536024/17	P12072517.D
Level 3	STD02 240-536024/18	P12072518.D
Level 4	STD05 240-536024/19	P12072519.D
Level 5	STD1 240-536024/20	P12072520.D
Level 6	STD15 240-536024/21	P12072521.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0352 0.0257	0.0338	0.0361	0.0318	0.0299	Ave		0.032 1			12.0		20.0				
PCB-1248 Peak 2	0.0706 0.0557	0.0659	0.0663	0.0611	0.0598	Ave		0.063 2			8.5		20.0				
PCB-1248 Peak 3	0.0715 0.0585	0.0675	0.0706	0.0649	0.0639	Ave		0.066 2			7.2		20.0				
PCB-1248 Peak 4	0.0734 0.0588	0.0681	0.0683	0.0636	0.0624	Ave		0.065 8			7.9		20.0				
PCB-1248 Peak 5	0.0413 0.0321	0.0385	0.0386	0.0354	0.0342	Ave		0.036 7			9.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 15:32 Calibration End Date: 07/25/2022 16:52 Calibration ID: 66897

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/16	P12072516.D
Level 2	STD01 240-536024/17	P12072517.D
Level 3	STD02 240-536024/18	P12072518.D
Level 4	STD05 240-536024/19	P12072519.D
Level 5	STD1 240-536024/20	P12072520.D
Level 6	STD15 240-536024/21	P12072521.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	1490551 38076798	3191715	6441934	14151772	27290639	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	2985182 82670158	6226924	11841289	27214164	54513311	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	3023555 86795199	6384011	12598617	28937028	58272187	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	3104474 87270805	6442591	12191549	28363523	56894940	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	1747773 47668467	3639531	6889553	15779955	31168324	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

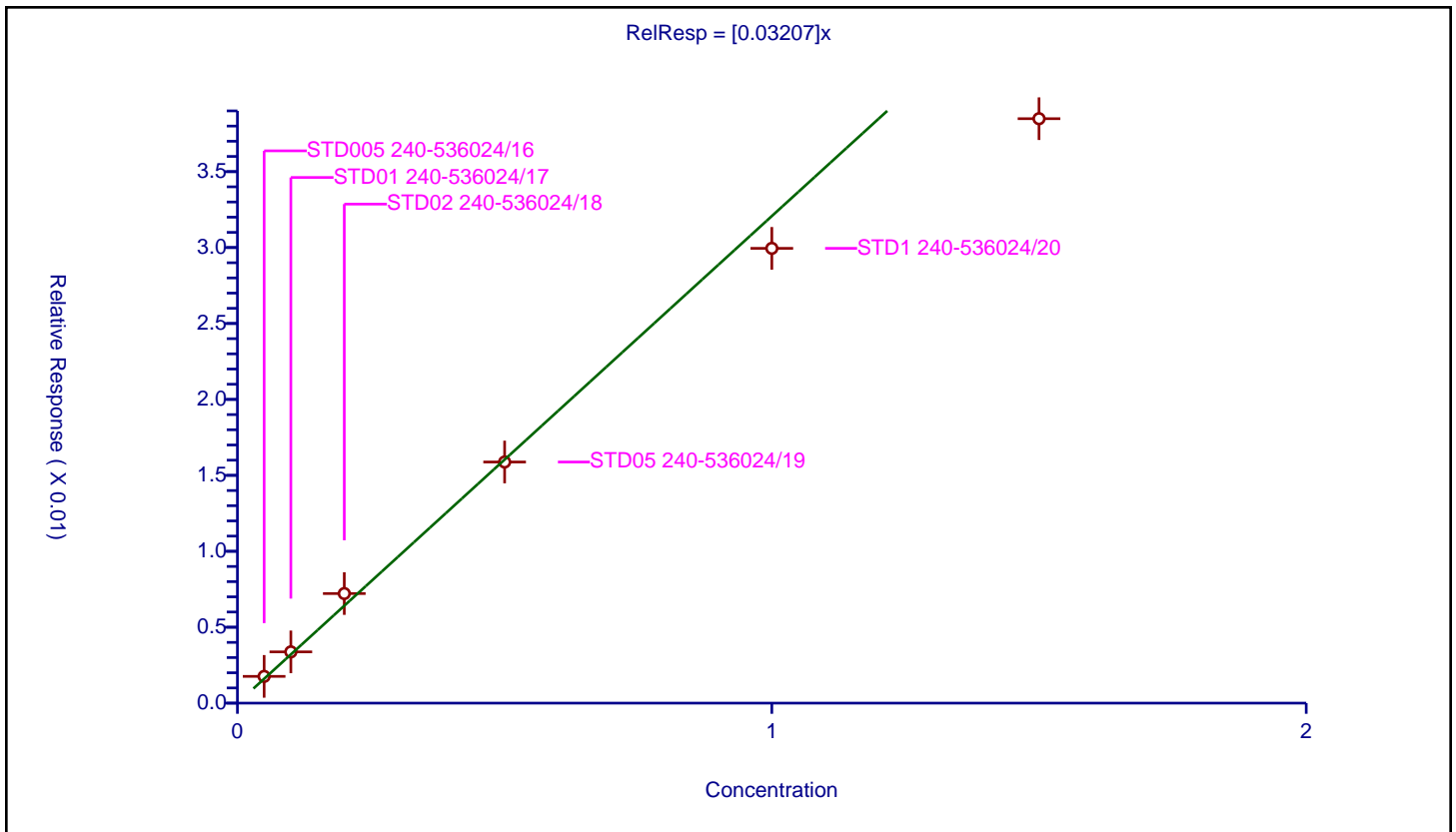
/ PCB-1248 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03207

Error Coefficients	
Standard Error:	22100000
Relative Standard Error:	12.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.001762	0.05	42307496.0	0.035231	Y
2	STD01 240-536024/17	0.1	0.003376	0.05	47270983.0	0.03376	Y
3	STD02 240-536024/18	0.2	0.007216	0.05	44636377.0	0.03608	Y
4	STD05 240-536024/19	0.5	0.015878	0.05	44564572.0	0.031756	Y
5	STD1 240-536024/20	1.0	0.029948	0.05	45564089.0	0.029948	Y
6	STD15 240-536024/21	1.5	0.038485	0.05	49469326.0	0.025657	Y



Calibration

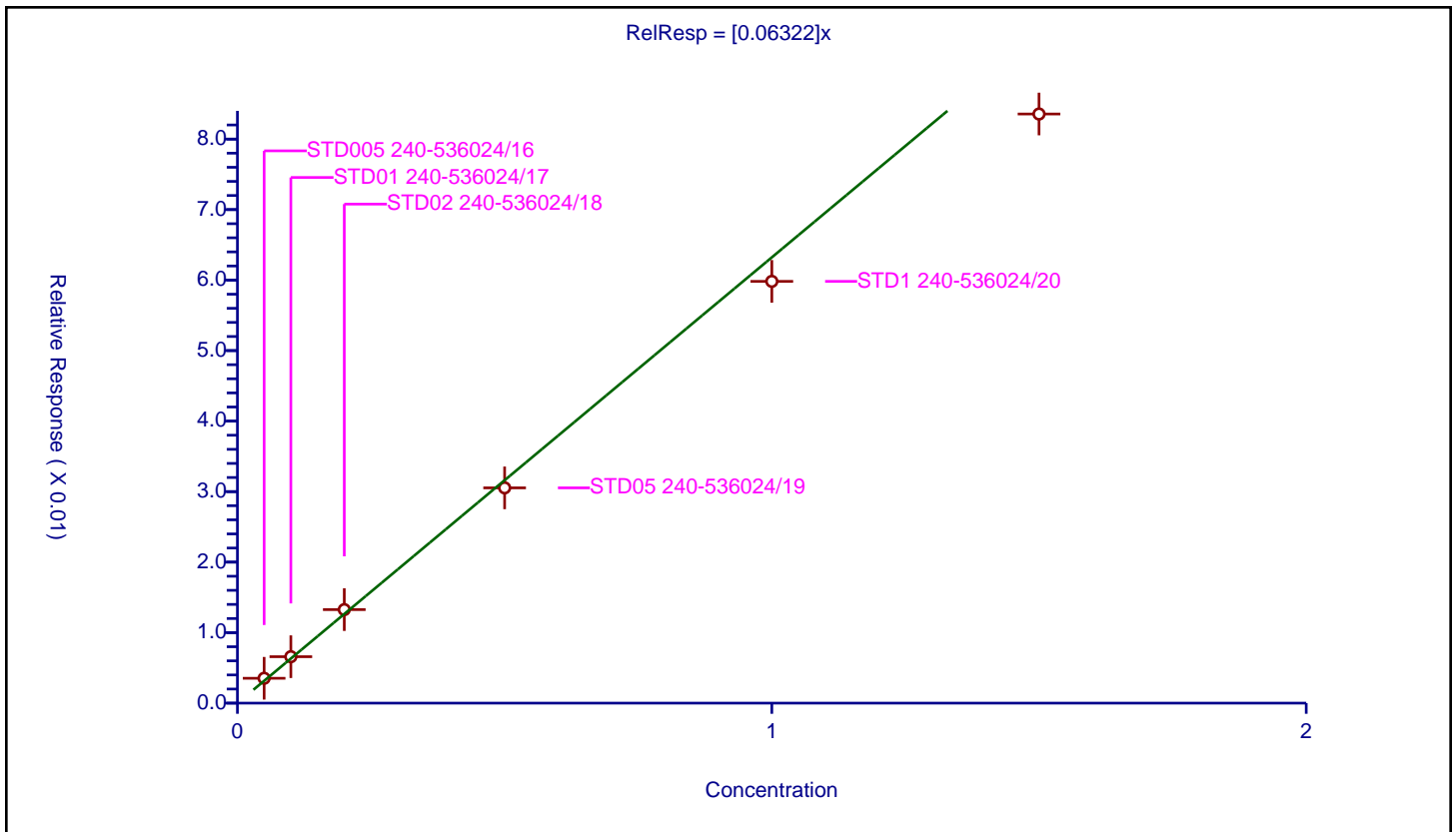
/ PCB-1248 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06322

Error Coefficients	
Standard Error:	46300000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.003528	0.05	42307496.0	0.070559	Y
2	STD01 240-536024/17	0.1	0.006586	0.05	47270983.0	0.065864	Y
3	STD02 240-536024/18	0.2	0.013264	0.05	44636377.0	0.066321	Y
4	STD05 240-536024/19	0.5	0.030533	0.05	44564572.0	0.061067	Y
5	STD1 240-536024/20	1.0	0.05982	0.05	45564089.0	0.05982	Y
6	STD15 240-536024/21	1.5	0.083557	0.05	49469326.0	0.055705	Y



Calibration

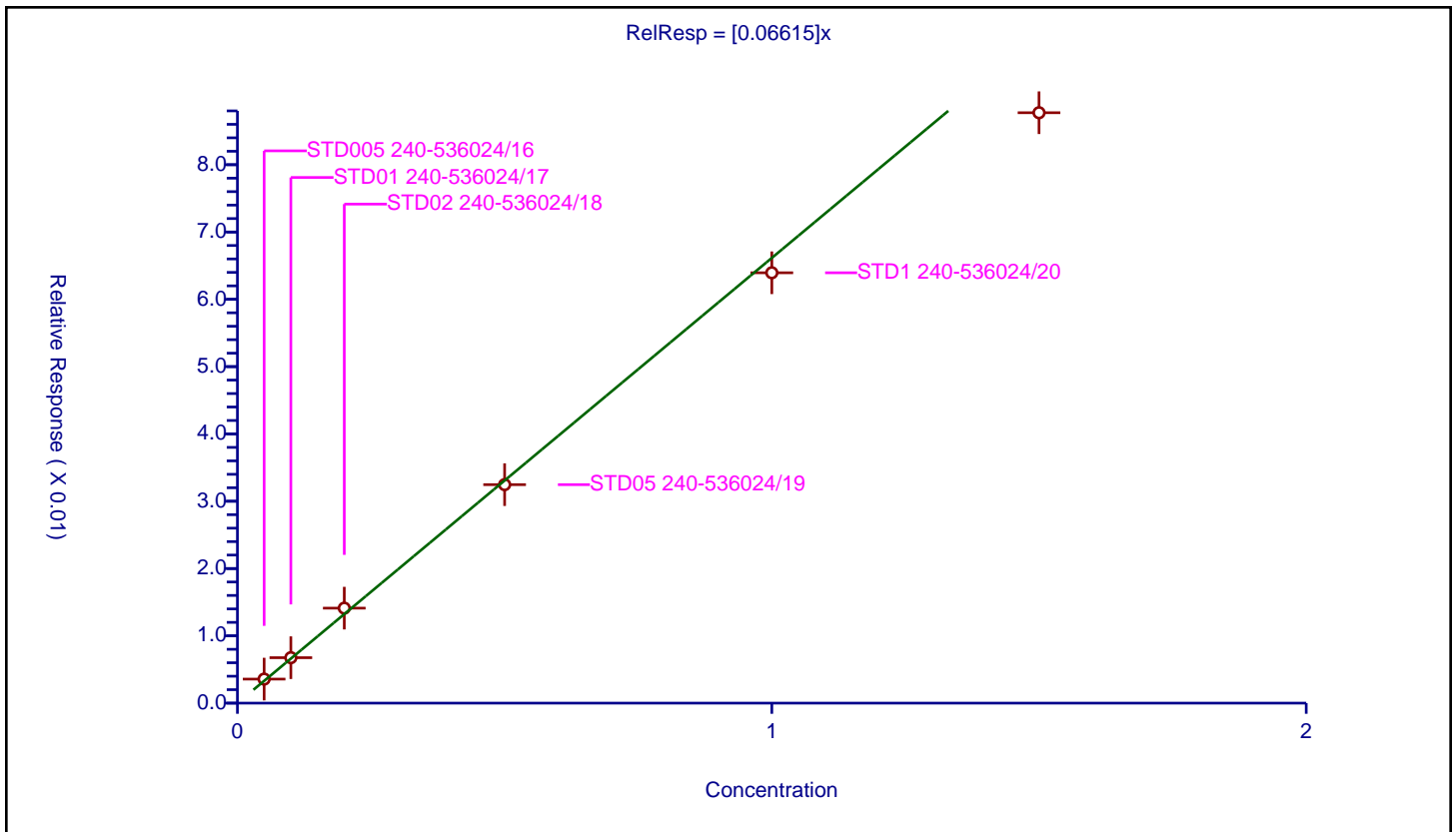
/ PCB-1248 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06615

Error Coefficients	
Standard Error:	48900000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.003573	0.05	42307496.0	0.071466	Y
2	STD01 240-536024/17	0.1	0.006753	0.05	47270983.0	0.067526	Y
3	STD02 240-536024/18	0.2	0.014112	0.05	44636377.0	0.070562	Y
4	STD05 240-536024/19	0.5	0.032466	0.05	44564572.0	0.064933	Y
5	STD1 240-536024/20	1.0	0.063945	0.05	45564089.0	0.063945	Y
6	STD15 240-536024/21	1.5	0.087726	0.05	49469326.0	0.058484	Y



Calibration

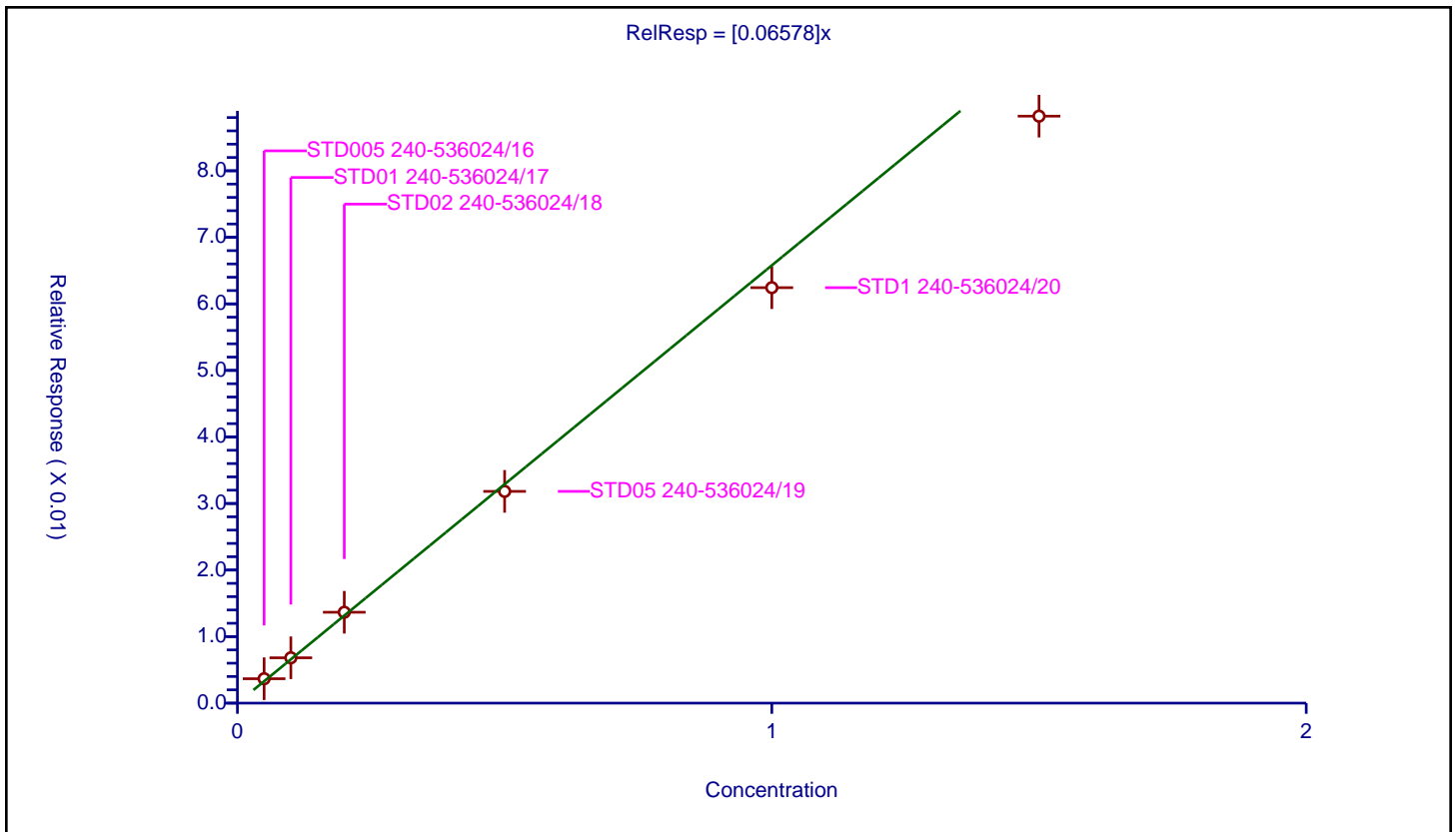
/ PCB-1248 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06578

Error Coefficients	
Standard Error:	48700000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.003669	0.05	42307496.0	0.073379	Y
2	STD01 240-536024/17	0.1	0.006815	0.05	47270983.0	0.068145	Y
3	STD02 240-536024/18	0.2	0.013657	0.05	44636377.0	0.068283	Y
4	STD05 240-536024/19	0.5	0.031823	0.05	44564572.0	0.063646	Y
5	STD1 240-536024/20	1.0	0.062434	0.05	45564089.0	0.062434	Y
6	STD15 240-536024/21	1.5	0.088207	0.05	49469326.0	0.058805	Y



Calibration

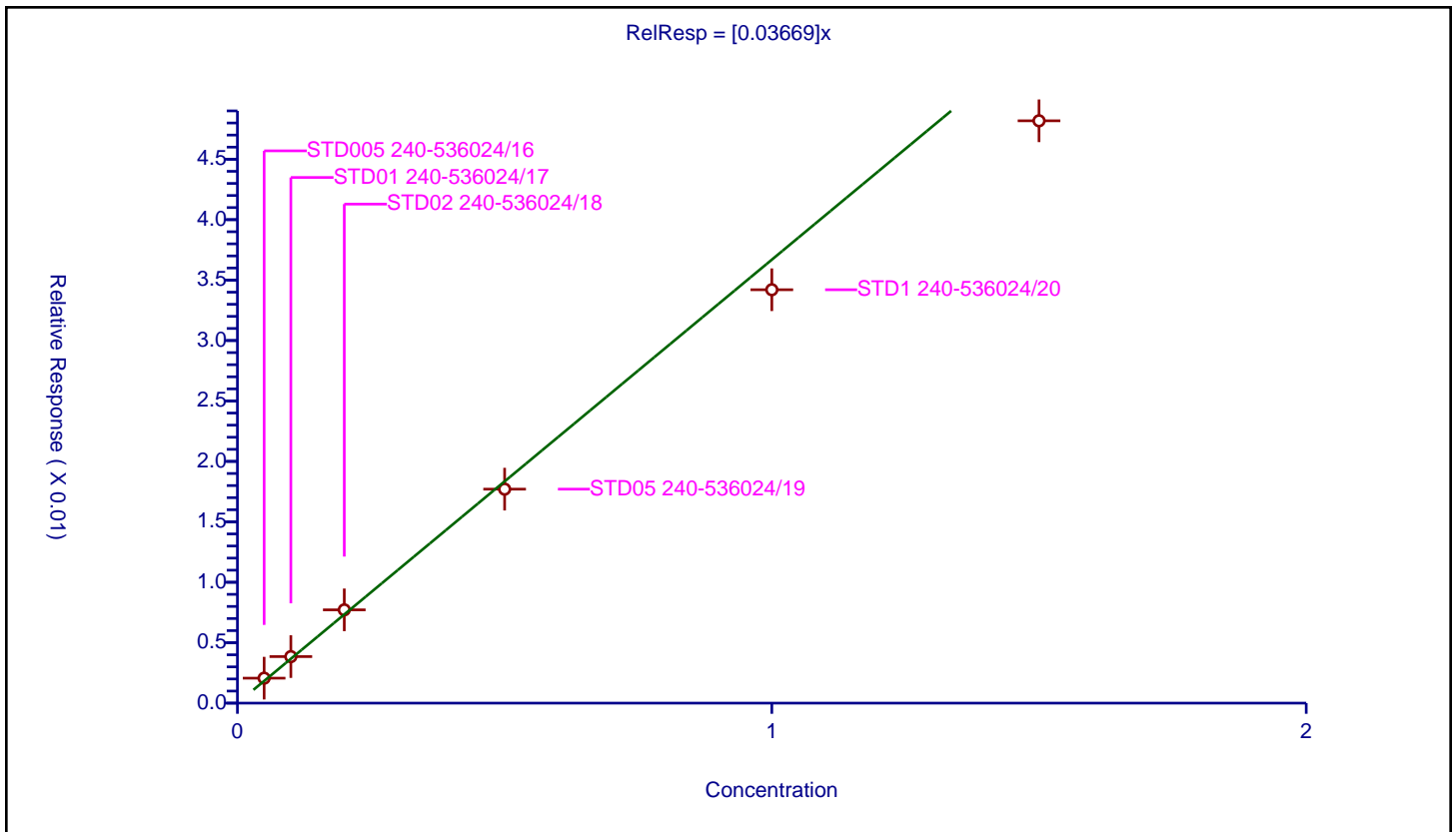
/ PCB-1248 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03669

Error Coefficients	
Standard Error:	26700000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/16	0.05	0.002066	0.05	42307496.0	0.041311	Y
2	STD01 240-536024/17	0.1	0.00385	0.05	47270983.0	0.038496	Y
3	STD02 240-536024/18	0.2	0.007717	0.05	44636377.0	0.038587	Y
4	STD05 240-536024/19	0.5	0.017705	0.05	44564572.0	0.035409	Y
5	STD1 240-536024/20	1.0	0.034203	0.05	45564089.0	0.034203	Y
6	STD15 240-536024/21	1.5	0.04818	0.05	49469326.0	0.03212	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 17:07 Calibration End Date: 07/25/2022 18:27 Calibration ID: 66904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/22	P12072522.D
Level 2	STD01 240-536024/23	P12072523.D
Level 3	STD02 240-536024/24	P12072524.D
Level 4	STD05 240-536024/25	P12072525.D
Level 5	STD1 240-536024/26	P12072526.D
Level 6	STD15 240-536024/27	P12072527.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0167 0.0123	0.0148	0.0146	0.0136	0.0140	Ave		0.014 3			10.3		20.0				
PCB-1221 Peak 2	0.0133 0.0081	0.0112	0.0103	0.0093	0.0094	Lin1	0.000 3	0.008 5						0.9950			0.9900
PCB-1221 Peak 3	0.0484 0.0298	0.0394	0.0364	0.0327	0.0336	Ave		0.036 7			17.9		20.0				
PCB-1254 Peak 1	0.0640 0.0479	0.0548	0.0507	0.0478	0.0538	Ave		0.053 2			11.4		20.0				
PCB-1254 Peak 2	0.0833 0.0672	0.0731	0.0688	0.0660	0.0733	Ave		0.071 9			8.8		20.0				
PCB-1254 Peak 3	0.0612 0.0475	0.0549	0.0510	0.0482	0.0504	Ave		0.052 2			9.8		20.0				
PCB-1254 Peak 4	0.0566 0.0432	0.0505	0.0465	0.0438	0.0470	Ave		0.047 9			10.4		20.0				
PCB-1254 Peak 5	0.0839 0.0661	0.0744	0.0691	0.0659	0.0703	Ave		0.071 6			9.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 17:07 Calibration End Date: 07/25/2022 18:27 Calibration ID: 66904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/22	P12072522.D
Level 2	STD01 240-536024/23	P12072523.D
Level 3	STD02 240-536024/24	P12072524.D
Level 4	STD05 240-536024/25	P12072525.D
Level 5	STD1 240-536024/26	P12072526.D
Level 6	STD15 240-536024/27	P12072527.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Ave	3061369 62353109	5550587	10583064	23899119	51344566	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Lin1	2434626 41285869	4200094	7477916	16263588	34327279	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	8867567 151744680	14817644	26307647	57470293	122795912	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	11727365 243664588	20578634	36663700	83966772	197002375	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	15263880 342123334	27464682	49757752	115880395	268134768	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	11224606 241718520	20616085	36871883	84639776	184411974	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	10379441 219658011	18986770	33637113	76876982	172112074	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	15387488 336350666	27945420	50000754	115810511	257340952	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

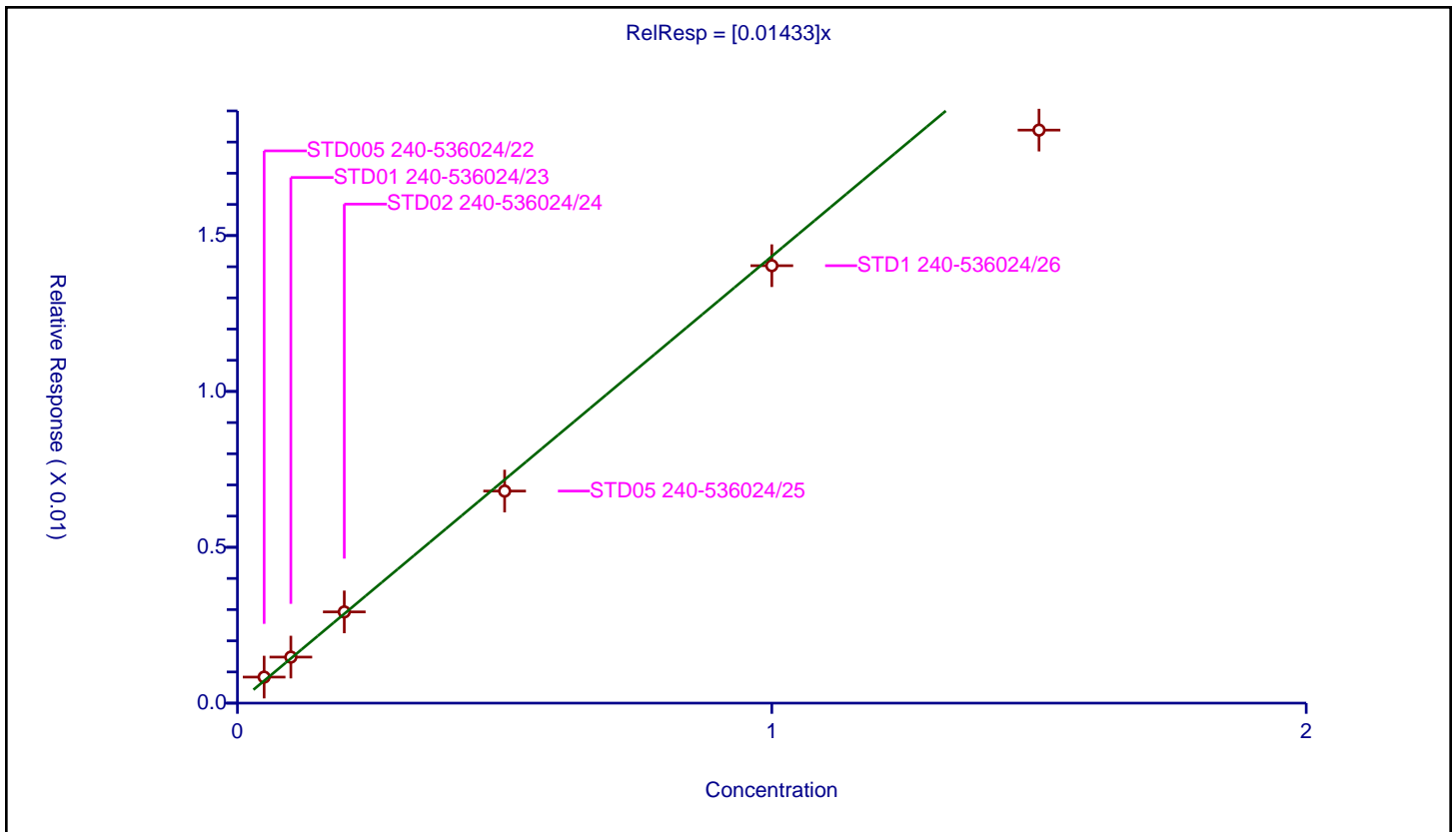
/ PCB-1221 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01433

Error Coefficients	
Standard Error:	38100000
Relative Standard Error:	10.3
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.000835	0.05	183339046.0	0.016698	Y
2	STD01 240-536024/23	0.1	0.001477	0.05	187876540.0	0.014772	Y
3	STD02 240-536024/24	0.2	0.002927	0.05	180770849.0	0.014636	Y
4	STD05 240-536024/25	0.5	0.006804	0.05	175631754.0	0.013608	Y
5	STD1 240-536024/26	1.0	0.014034	0.05	182929585.0	0.014034	Y
6	STD15 240-536024/27	1.5	0.018384	0.05	169588662.0	0.012256	Y



Calibration

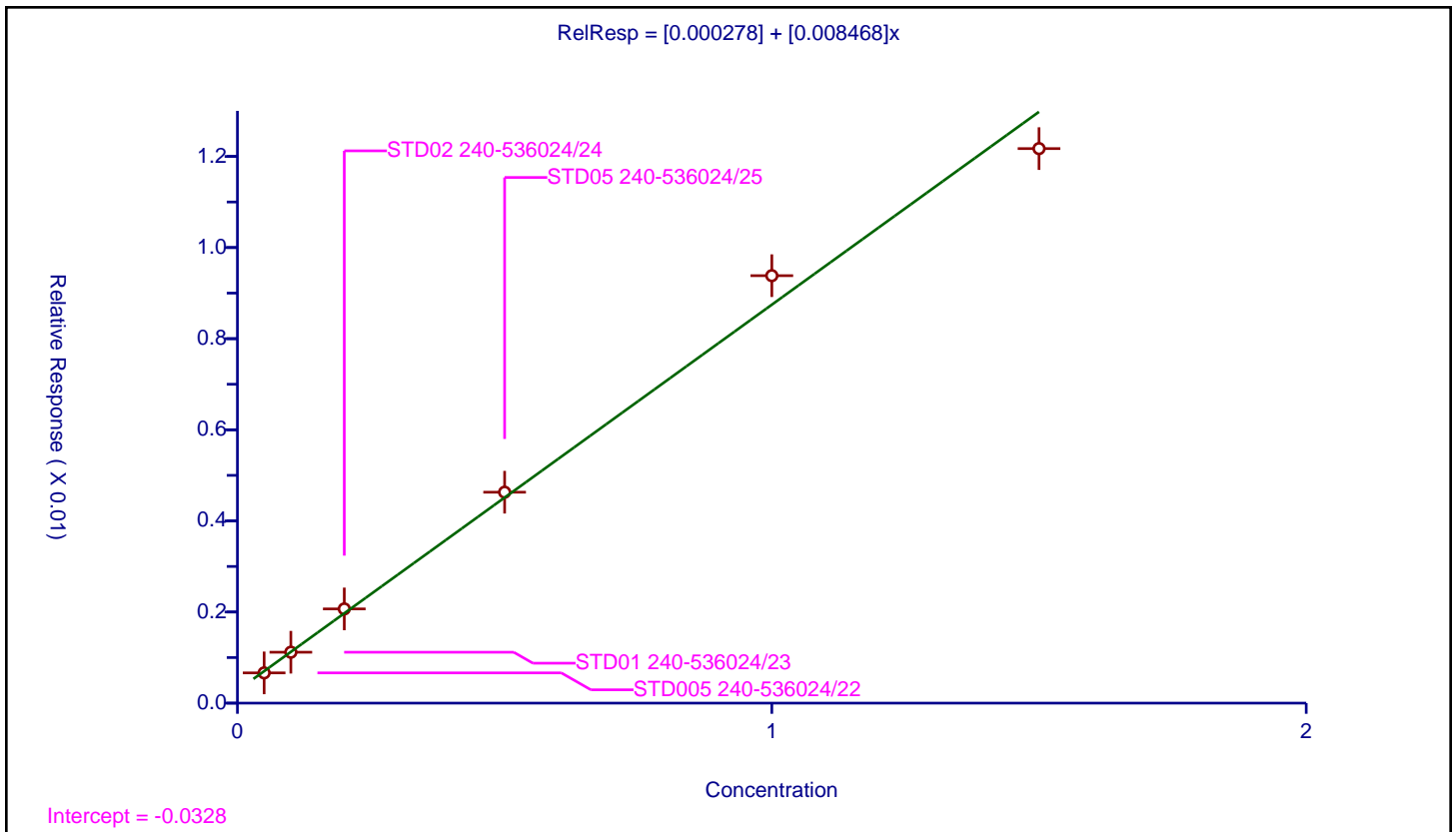
/ PCB-1221 Peak 2

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.000278
Slope:	0.008468

Error Coefficients	
Standard Error:	28400000
Relative Standard Error:	7.4
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.000664	0.05	183339046.0	0.013279	Y
2	STD01 240-536024/23	0.1	0.001118	0.05	187876540.0	0.011178	Y
3	STD02 240-536024/24	0.2	0.002068	0.05	180770849.0	0.010342	Y
4	STD05 240-536024/25	0.5	0.00463	0.05	175631754.0	0.00926	Y
5	STD1 240-536024/26	1.0	0.009383	0.05	182929585.0	0.009383	Y
6	STD15 240-536024/27	1.5	0.012172	0.05	169588662.0	0.008115	Y



Calibration

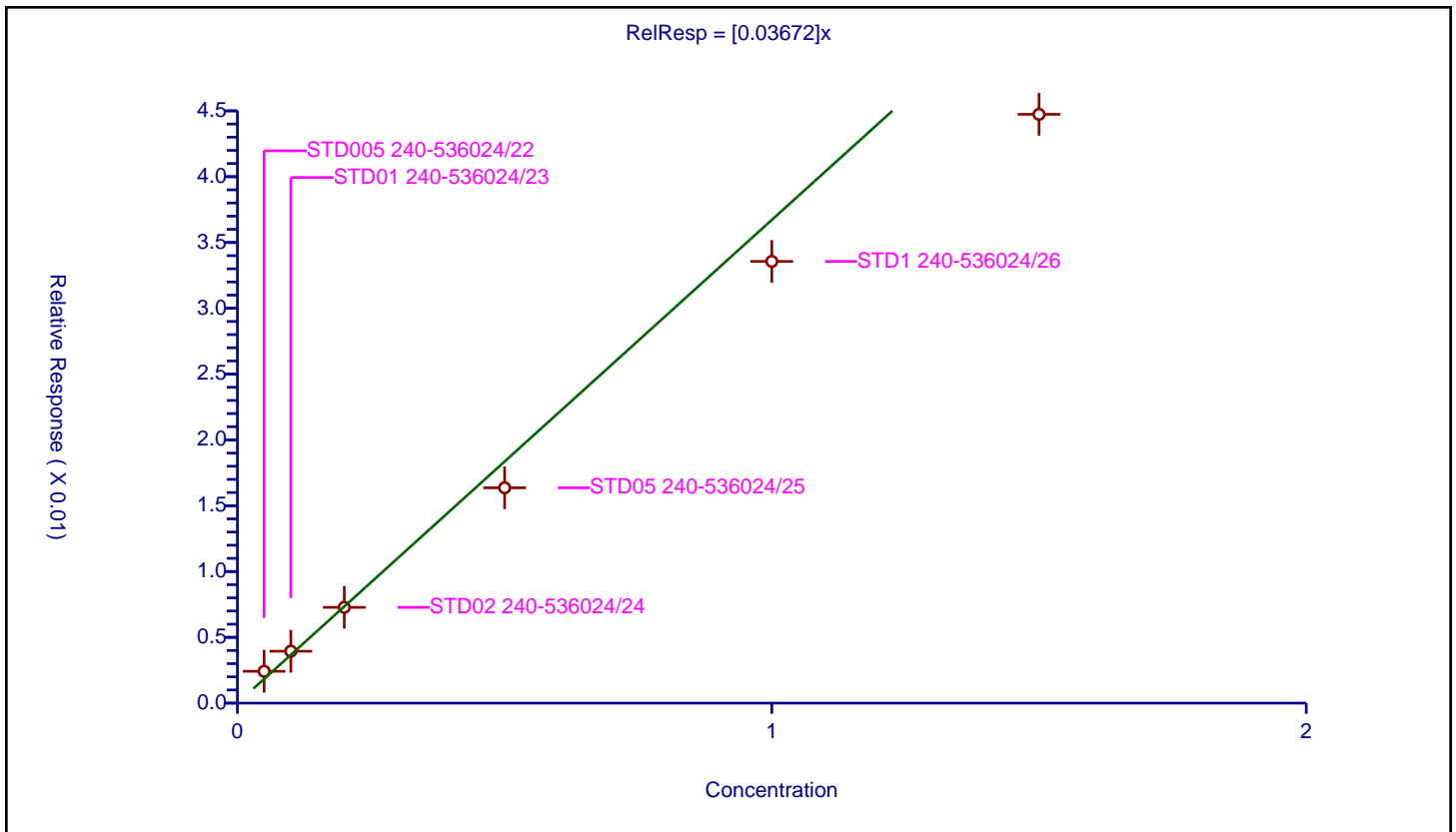
/ PCB-1221 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03672

Error Coefficients	
Standard Error:	92100000
Relative Standard Error:	17.9
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.930

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.002418	0.05	183339046.0	0.048367	Y
2	STD01 240-536024/23	0.1	0.003943	0.05	187876540.0	0.039435	Y
3	STD02 240-536024/24	0.2	0.007277	0.05	180770849.0	0.036383	Y
4	STD05 240-536024/25	0.5	0.016361	0.05	175631754.0	0.032722	Y
5	STD1 240-536024/26	1.0	0.033564	0.05	182929585.0	0.033564	Y
6	STD15 240-536024/27	1.5	0.044739	0.05	169588662.0	0.029826	Y



Calibration

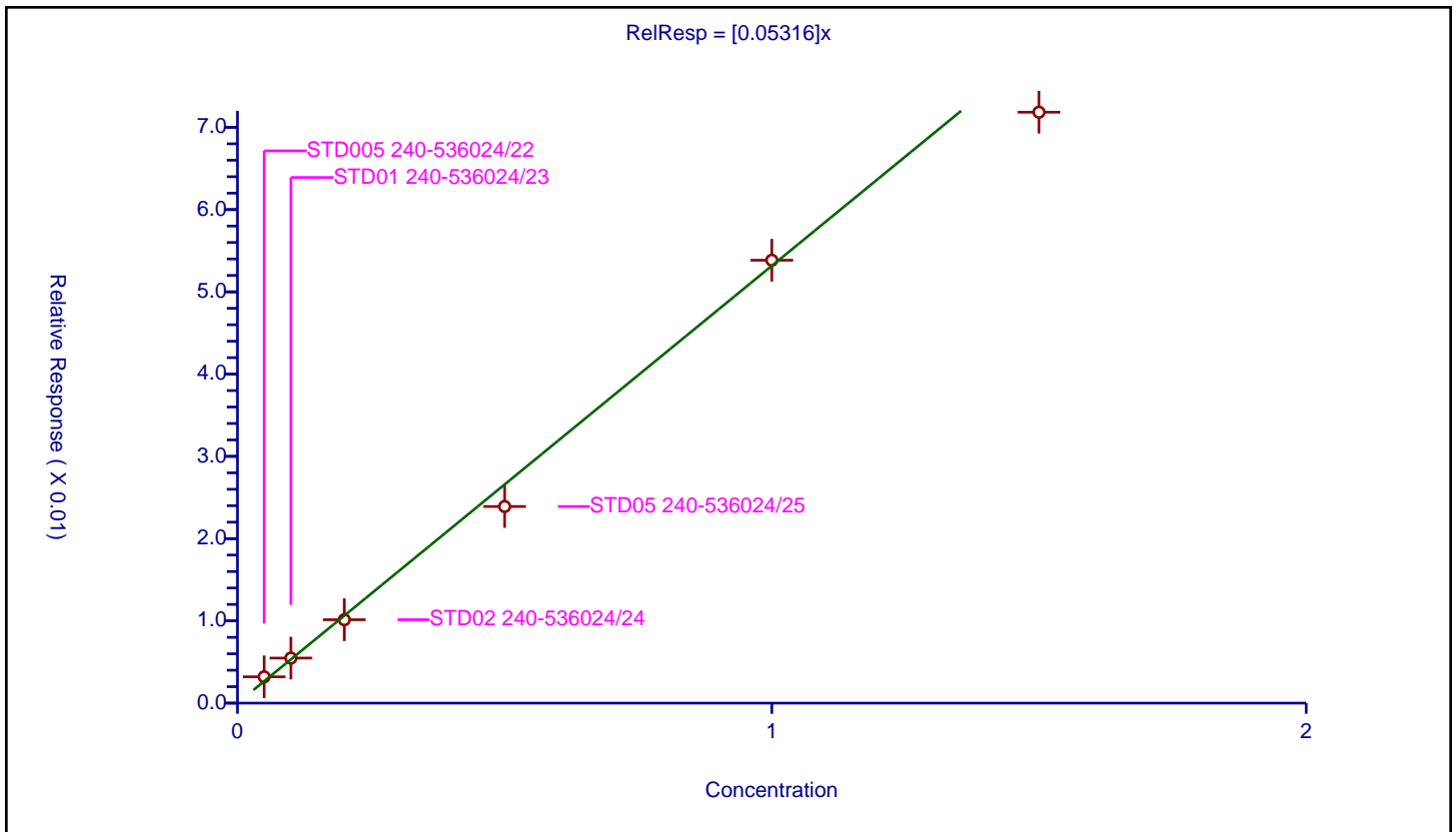
/ PCB-1254 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05316

Error Coefficients	
Standard Error:	146000000
Relative Standard Error:	11.4
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.003198	0.05	183339046.0	0.063965	Y
2	STD01 240-536024/23	0.1	0.005477	0.05	187876540.0	0.054766	Y
3	STD02 240-536024/24	0.2	0.010141	0.05	180770849.0	0.050705	Y
4	STD05 240-536024/25	0.5	0.023904	0.05	175631754.0	0.047808	Y
5	STD1 240-536024/26	1.0	0.053847	0.05	182929585.0	0.053847	Y
6	STD15 240-536024/27	1.5	0.07184	0.05	169588662.0	0.047893	Y



Calibration

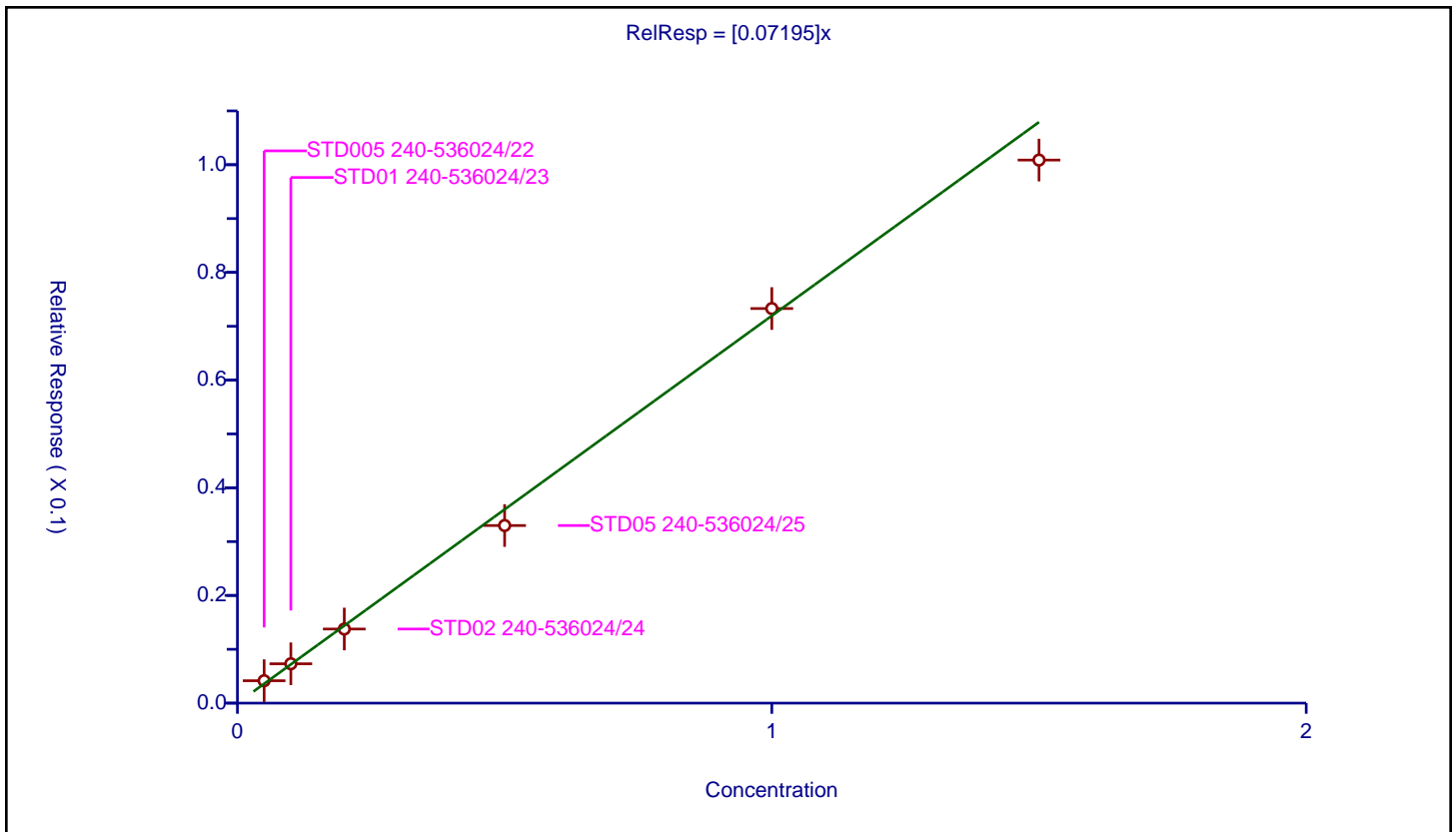
/ PCB-1254 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07195

Error Coefficients	
Standard Error:	203000000
Relative Standard Error:	8.8
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.004163	0.05	183339046.0	0.083255	Y
2	STD01 240-536024/23	0.1	0.007309	0.05	187876540.0	0.073092	Y
3	STD02 240-536024/24	0.2	0.013763	0.05	180770849.0	0.068813	Y
4	STD05 240-536024/25	0.5	0.03299	0.05	175631754.0	0.065979	Y
5	STD1 240-536024/26	1.0	0.073289	0.05	182929585.0	0.073289	Y
6	STD15 240-536024/27	1.5	0.100869	0.05	169588662.0	0.067246	Y



Calibration

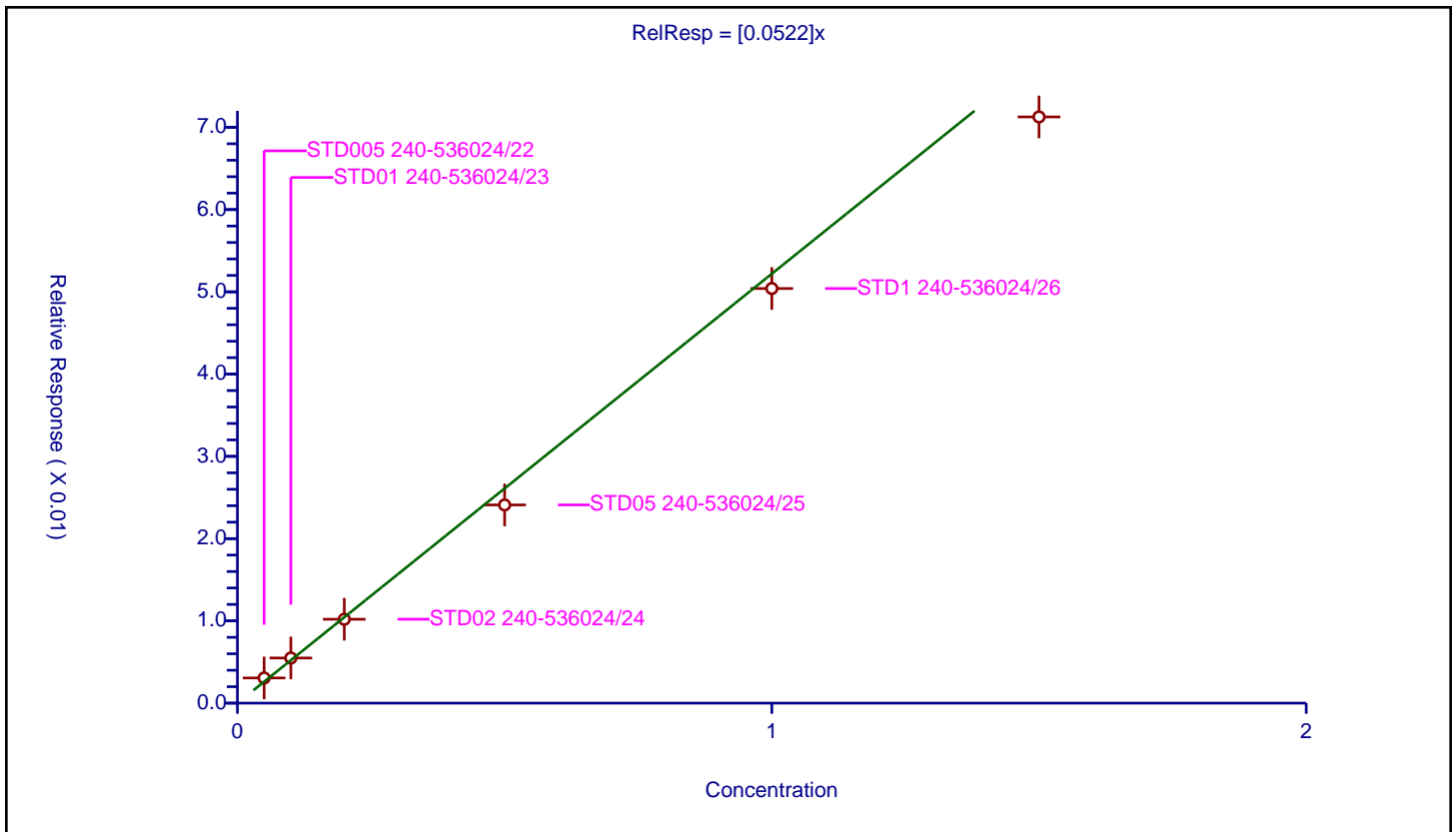
/ PCB-1254 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0522

Error Coefficients	
Standard Error:	142000000
Relative Standard Error:	9.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.003061	0.05	183339046.0	0.061223	Y
2	STD01 240-536024/23	0.1	0.005487	0.05	187876540.0	0.054866	Y
3	STD02 240-536024/24	0.2	0.010199	0.05	180770849.0	0.050993	Y
4	STD05 240-536024/25	0.5	0.024096	0.05	175631754.0	0.048192	Y
5	STD1 240-536024/26	1.0	0.050405	0.05	182929585.0	0.050405	Y
6	STD15 240-536024/27	1.5	0.071266	0.05	169588662.0	0.047511	Y



Calibration

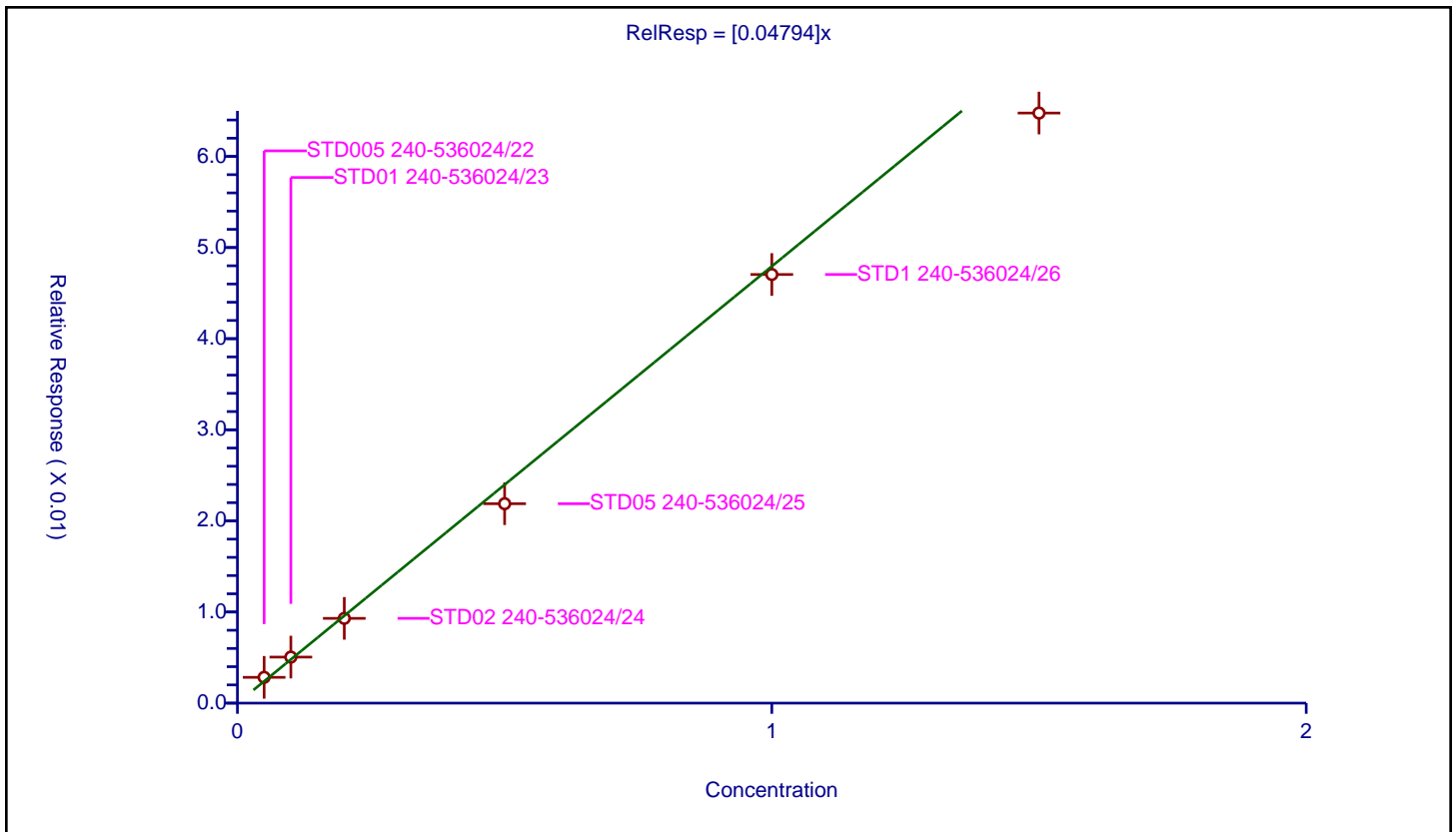
/ PCB-1254 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04794

Error Coefficients	
Standard Error:	131000000
Relative Standard Error:	10.4
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.002831	0.05	183339046.0	0.056613	Y
2	STD01 240-536024/23	0.1	0.005053	0.05	187876540.0	0.05053	Y
3	STD02 240-536024/24	0.2	0.009304	0.05	180770849.0	0.046519	Y
4	STD05 240-536024/25	0.5	0.021886	0.05	175631754.0	0.043772	Y
5	STD1 240-536024/26	1.0	0.047043	0.05	182929585.0	0.047043	Y
6	STD15 240-536024/27	1.5	0.064762	0.05	169588662.0	0.043175	Y



Calibration

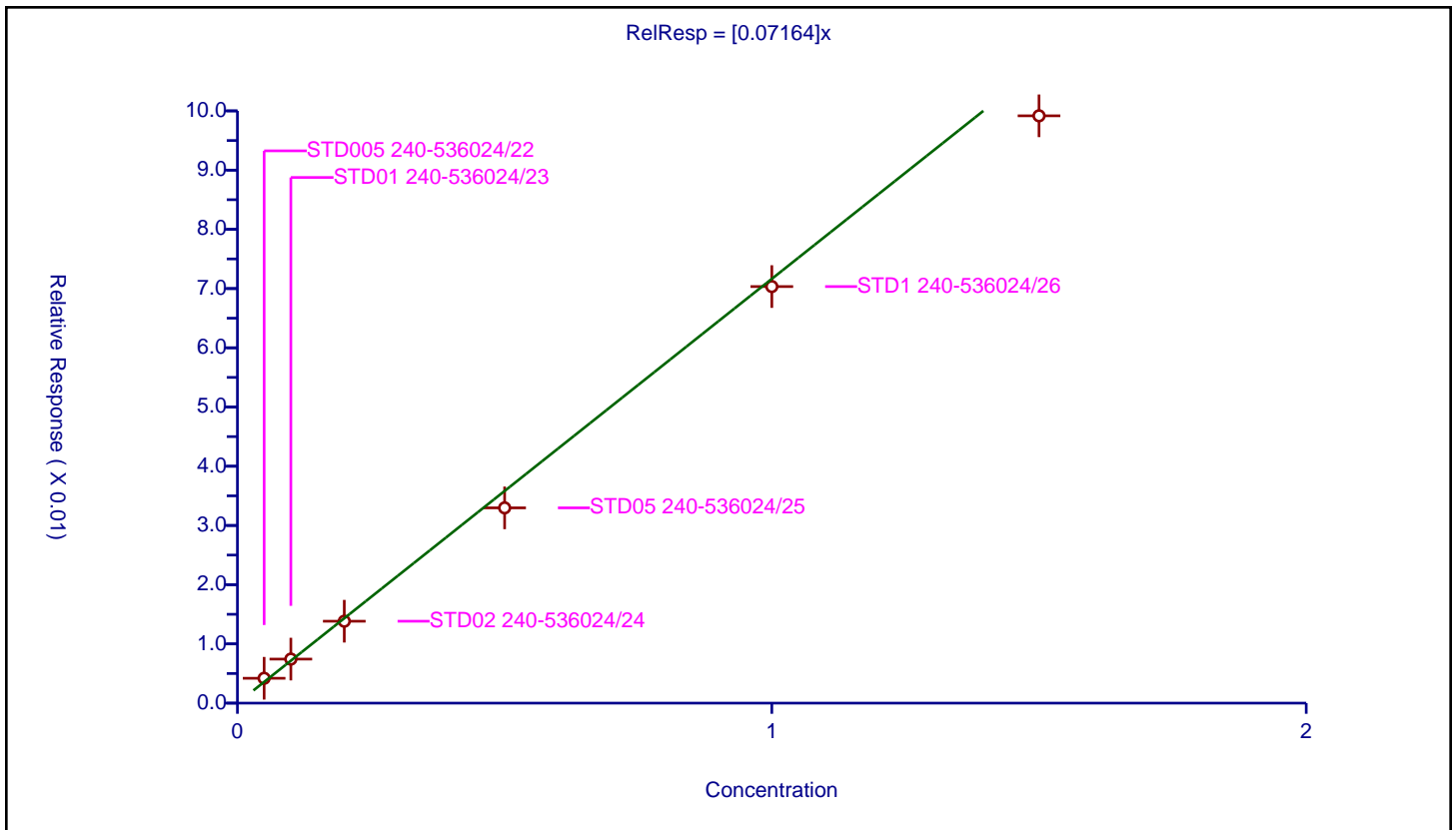
/ PCB-1254 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07164

Error Coefficients	
Standard Error:	198000000
Relative Standard Error:	9.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.004196	0.05	183339046.0	0.083929	Y
2	STD01 240-536024/23	0.1	0.007437	0.05	187876540.0	0.074372	Y
3	STD02 240-536024/24	0.2	0.01383	0.05	180770849.0	0.069149	Y
4	STD05 240-536024/25	0.5	0.03297	0.05	175631754.0	0.065939	Y
5	STD1 240-536024/26	1.0	0.070339	0.05	182929585.0	0.070339	Y
6	STD15 240-536024/27	1.5	0.099167	0.05	169588662.0	0.066111	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 17:07 Calibration End Date: 07/25/2022 18:27 Calibration ID: 66905

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/22	P12072522.D
Level 2	STD01 240-536024/23	P12072523.D
Level 3	STD02 240-536024/24	P12072524.D
Level 4	STD05 240-536024/25	P12072525.D
Level 5	STD1 240-536024/26	P12072526.D
Level 6	STD15 240-536024/27	P12072527.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0261 0.0175	0.0225	0.0208	0.0191	0.0196	Lin1	0.000 5	0.018 0						0.9970			0.9900
PCB-1221 Peak 2	0.0182 0.0112	0.0154	0.0141	0.0127	0.0125	Ave		0.014 0			17.7		20.0				
PCB-1221 Peak 3	0.0614 0.0405	0.0522	0.0483	0.0445	0.0448	Ave		0.048 6			15.2		20.0				
PCB-1254 Peak 1	0.0776 0.0549	0.0651	0.0603	0.0565	0.0612	Ave		0.062 6			13.1		20.0				
PCB-1254 Peak 2	0.0853 0.0623	0.0722	0.0673	0.0637	0.0687	Ave		0.069 9			11.9		20.0				
PCB-1254 Peak 3	0.1116 0.0893	0.1095	0.1028	0.0983	0.1012	Ave		0.102 1			7.9		20.0				
PCB-1254 Peak 4	0.0807 0.0635	0.0739	0.0698	0.0649	0.0668	Ave		0.069 9			9.2		20.0				
PCB-1254 Peak 5	0.1186 0.0896	0.1033	0.0957	0.0915	0.0958	Ave		0.099 1			10.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 17:07 Calibration End Date: 07/25/2022 18:27 Calibration ID: 66905

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/22	P12072522.D
Level 2	STD01 240-536024/23	P12072523.D
Level 3	STD02 240-536024/24	P12072524.D
Level 4	STD05 240-536024/25	P12072525.D
Level 5	STD1 240-536024/26	P12072526.D
Level 6	STD15 240-536024/27	P12072527.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Lin1	1196003 21996318	2107490	3756894	8300961	17981693	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Ave	832108 14109052	1450053	2553691	5520171	11531320	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	2813394 50960036	4898647	8716517	19296830	41181974	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	3554686 69056317	6106705	10877622	24532560	56311113	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	3909432 78390856	6777033	12148161	27642533	63161642	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	5113960 112361813	10279560	18560368	42662939	93101806	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	3696876 79847413	6935440	12599845	28172271	61444153	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	5432369 112674203	9698693	17272996	39693487	88104489	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

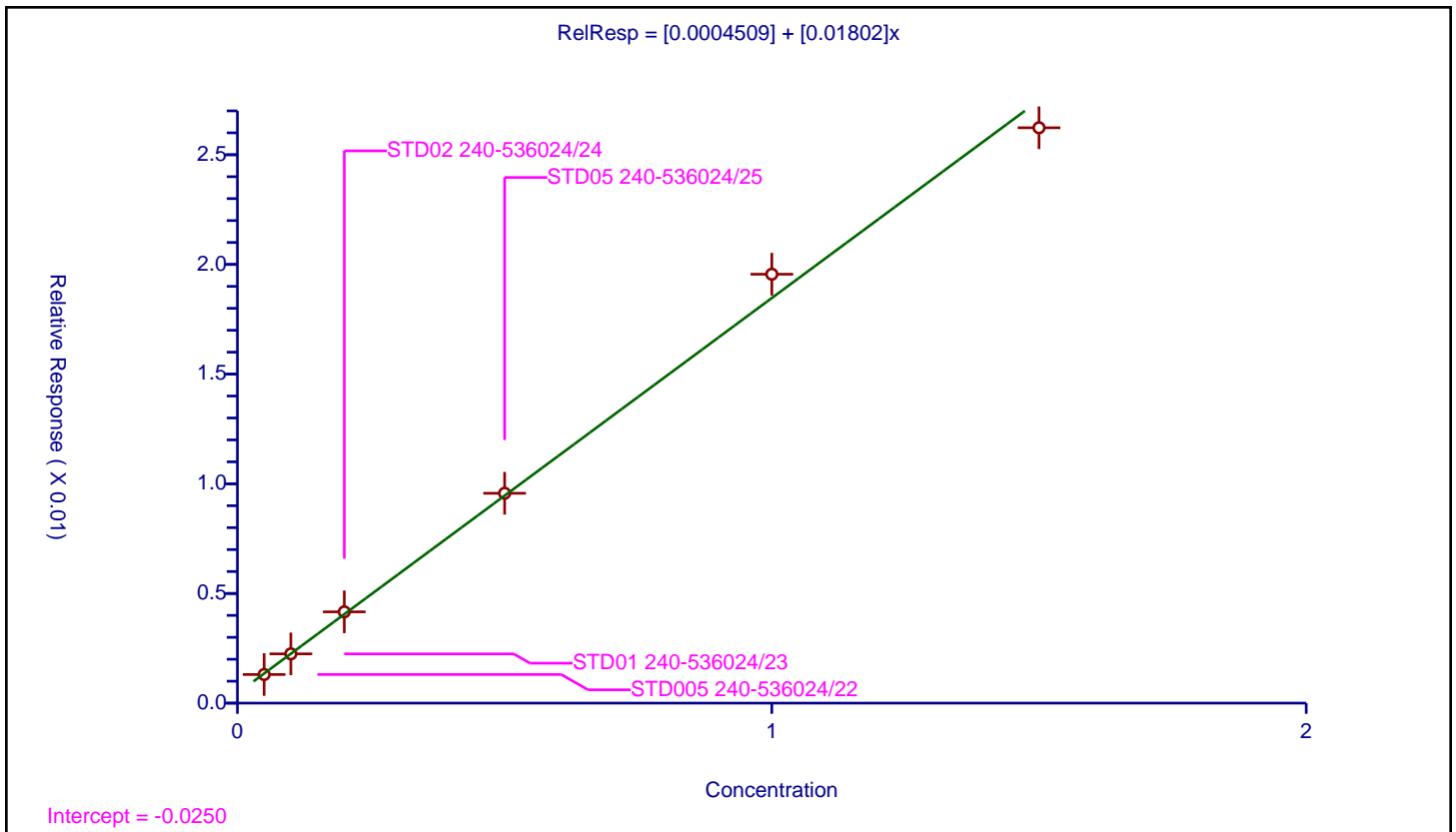
/ PCB-1221 Peak 1

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.0004509
Slope:	0.01802

Error Coefficients	
Standard Error:	15000000
Relative Standard Error:	4.9
Correlation Coefficient:	0.983
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.001305	0.05	45817346.0	0.026104	Y
2	STD01 240-536024/23	0.1	0.002245	0.05	46934315.0	0.022451	Y
3	STD02 240-536024/24	0.2	0.004162	0.05	45134940.0	0.020809	Y
4	STD05 240-536024/25	0.5	0.009567	0.05	43383554.0	0.019134	Y
5	STD1 240-536024/26	1.0	0.019554	0.05	45978992.0	0.019554	Y
6	STD15 240-536024/27	1.5	0.02623	0.05	41929374.0	0.017487	Y



Calibration

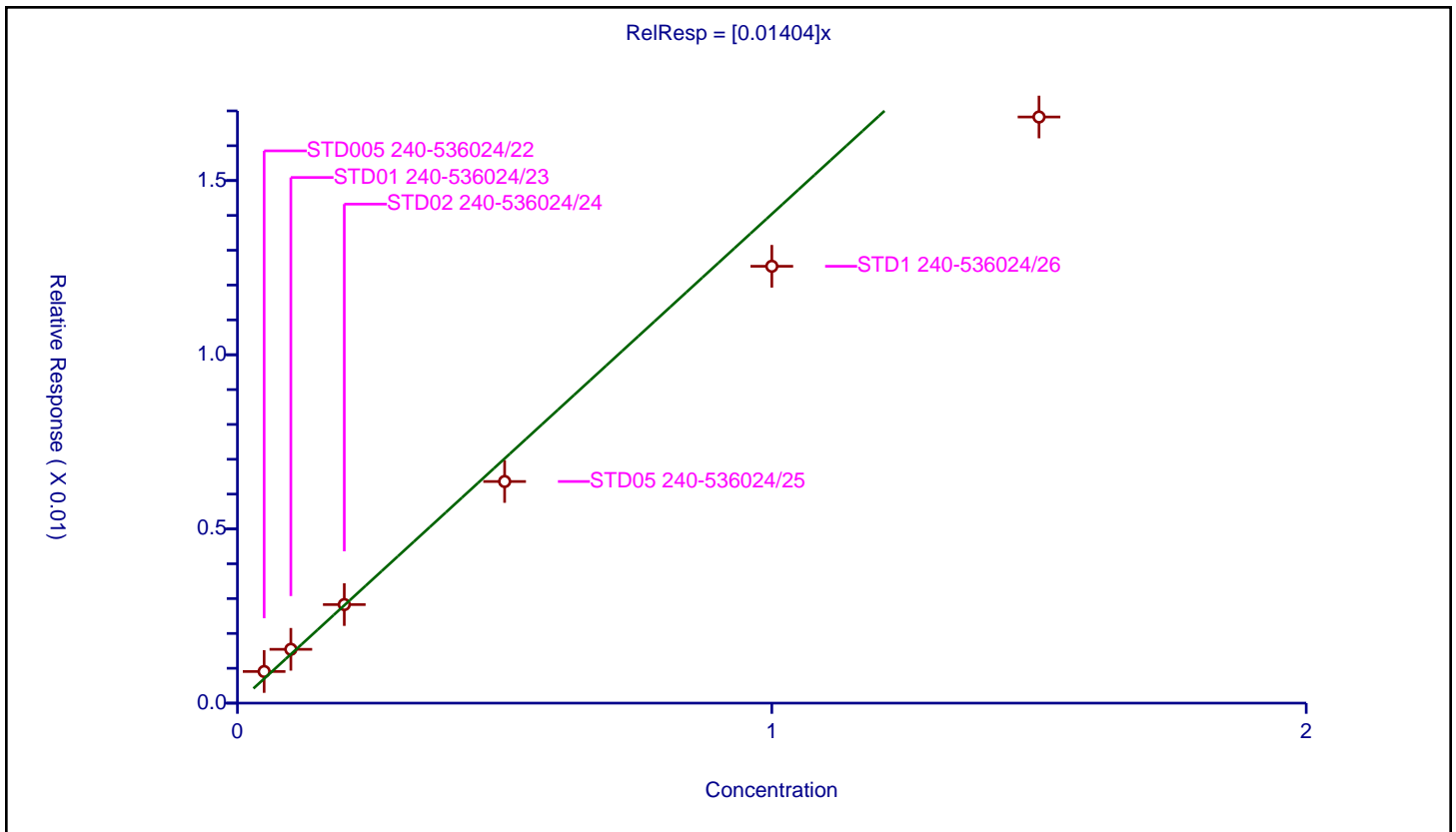
/ PCB-1221 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01404

Error Coefficients	
Standard Error:	8620000
Relative Standard Error:	17.7
Correlation Coefficient:	0.983
Coefficient of Determination (Adjusted):	0.932

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.000908	0.05	45817346.0	0.018161	Y
2	STD01 240-536024/23	0.1	0.001545	0.05	46934315.0	0.015448	Y
3	STD02 240-536024/24	0.2	0.002829	0.05	45134940.0	0.014145	Y
4	STD05 240-536024/25	0.5	0.006362	0.05	43383554.0	0.012724	Y
5	STD1 240-536024/26	1.0	0.01254	0.05	45978992.0	0.01254	Y
6	STD15 240-536024/27	1.5	0.016825	0.05	41929374.0	0.011217	Y



Calibration

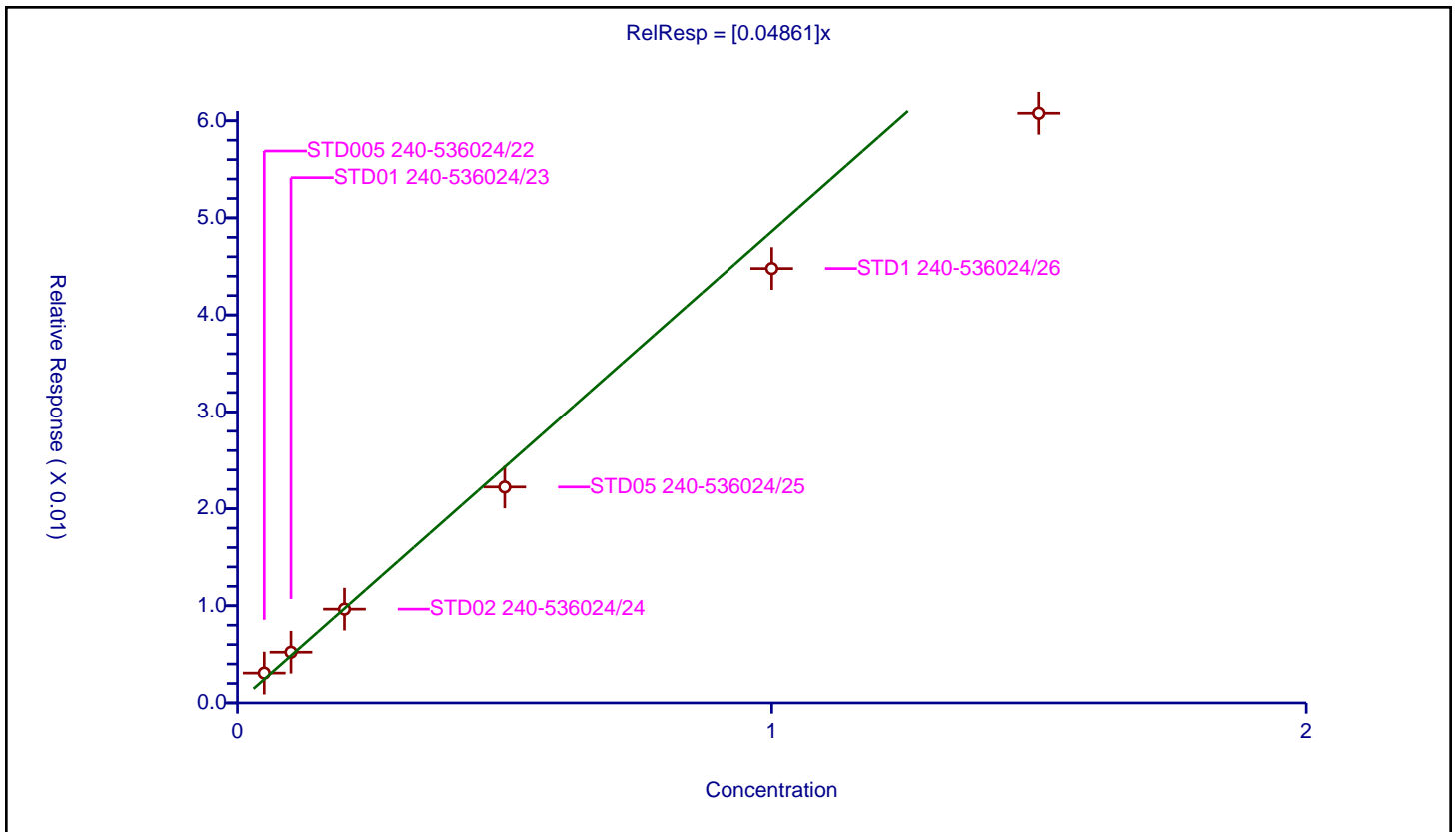
/ PCB-1221 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04861

Error Coefficients	
Standard Error:	30900000
Relative Standard Error:	15.2
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.00307	0.05	45817346.0	0.061405	Y
2	STD01 240-536024/23	0.1	0.005219	0.05	46934315.0	0.052186	Y
3	STD02 240-536024/24	0.2	0.009656	0.05	45134940.0	0.04828	Y
4	STD05 240-536024/25	0.5	0.02224	0.05	43383554.0	0.04448	Y
5	STD1 240-536024/26	1.0	0.044783	0.05	45978992.0	0.044783	Y
6	STD15 240-536024/27	1.5	0.060769	0.05	41929374.0	0.040513	Y



Calibration

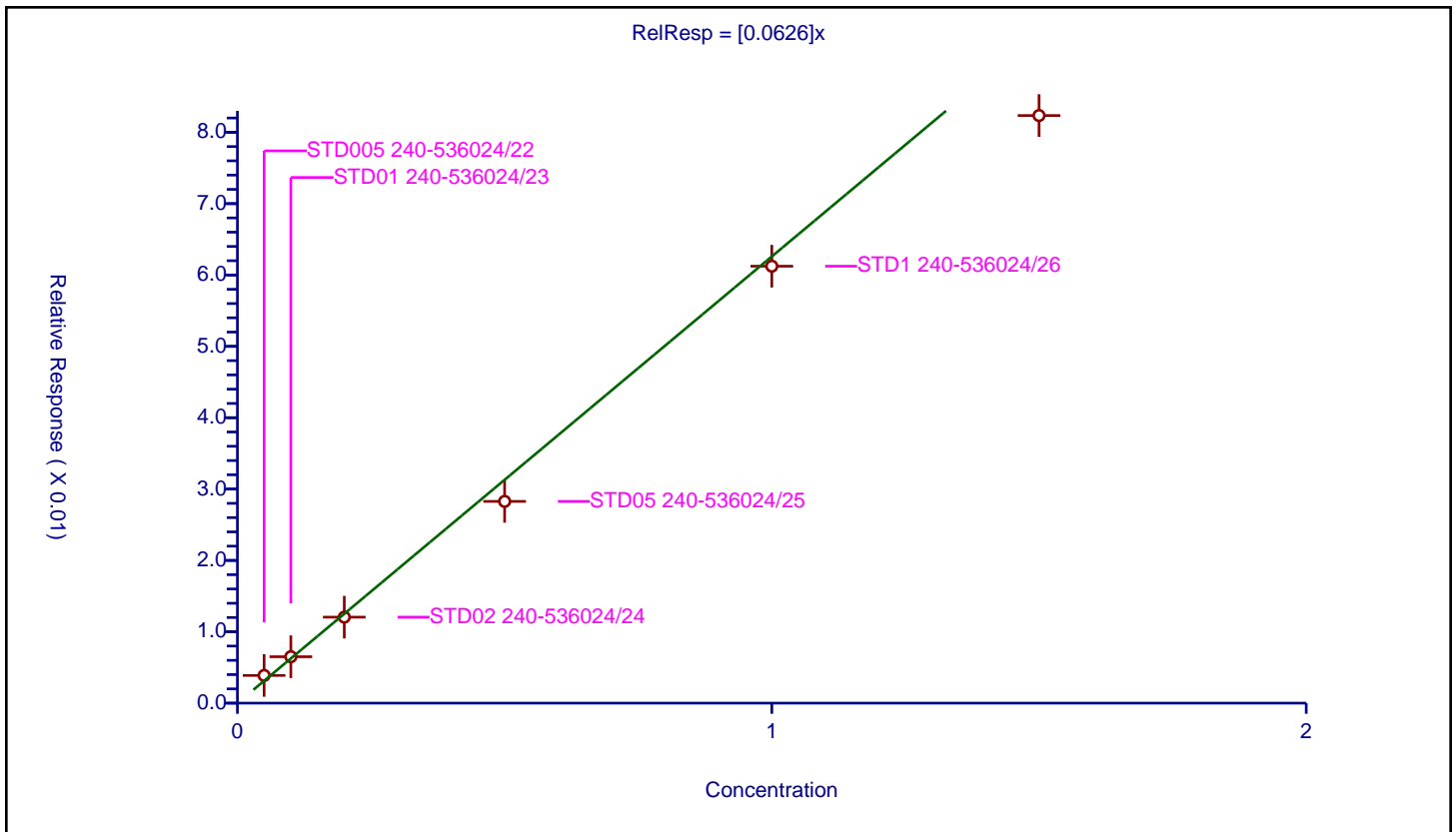
/ PCB-1254 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0626

Error Coefficients	
Standard Error:	41700000
Relative Standard Error:	13.1
Correlation Coefficient:	0.983
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.003879	0.05	45817346.0	0.077584	Y
2	STD01 240-536024/23	0.1	0.006506	0.05	46934315.0	0.065056	Y
3	STD02 240-536024/24	0.2	0.01205	0.05	45134940.0	0.060251	Y
4	STD05 240-536024/25	0.5	0.028274	0.05	43383554.0	0.056548	Y
5	STD1 240-536024/26	1.0	0.061236	0.05	45978992.0	0.061236	Y
6	STD15 240-536024/27	1.5	0.082348	0.05	41929374.0	0.054899	Y



Calibration

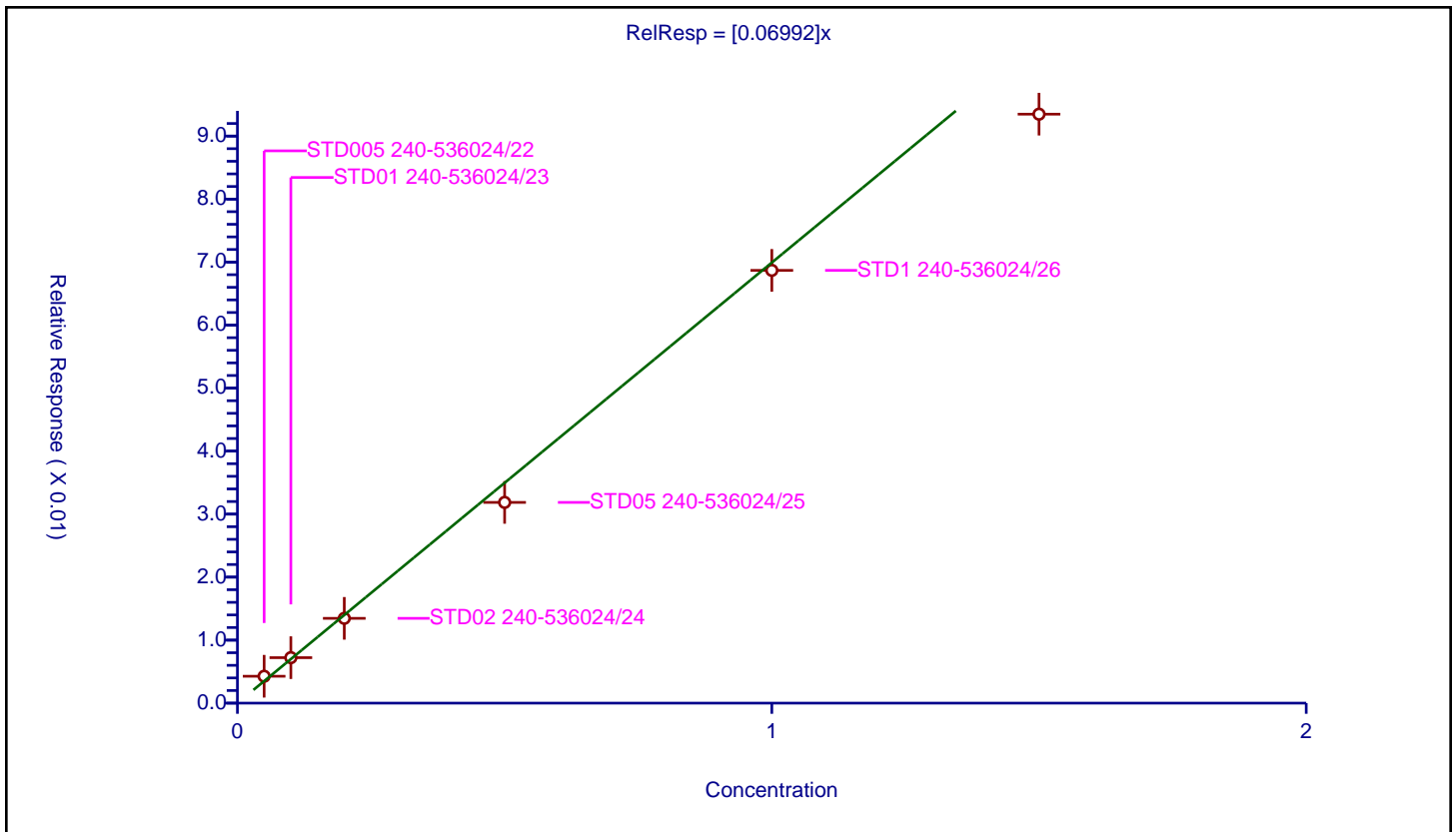
/ PCB-1254 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06992

Error Coefficients	
Standard Error:	47100000
Relative Standard Error:	11.9
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.004266	0.05	45817346.0	0.085326	Y
2	STD01 240-536024/23	0.1	0.00722	0.05	46934315.0	0.072197	Y
3	STD02 240-536024/24	0.2	0.013458	0.05	45134940.0	0.067288	Y
4	STD05 240-536024/25	0.5	0.031858	0.05	43383554.0	0.063717	Y
5	STD1 240-536024/26	1.0	0.068685	0.05	45978992.0	0.068685	Y
6	STD15 240-536024/27	1.5	0.09348	0.05	41929374.0	0.06232	Y



Calibration

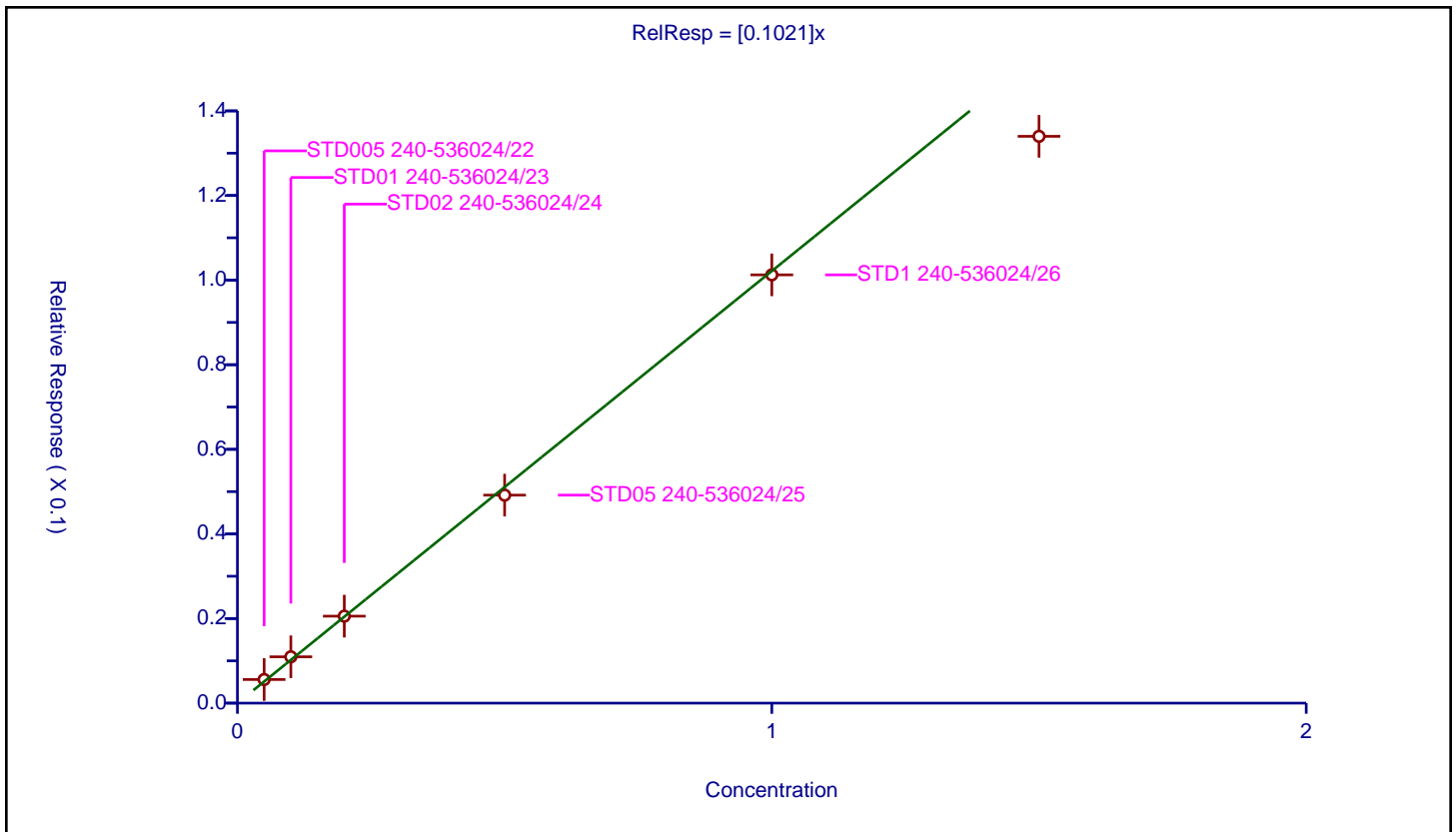
/ PCB-1254 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1021

Error Coefficients	
Standard Error:	68700000
Relative Standard Error:	7.9
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.005581	0.05	45817346.0	0.111616	Y
2	STD01 240-536024/23	0.1	0.010951	0.05	46934315.0	0.10951	Y
3	STD02 240-536024/24	0.2	0.020561	0.05	45134940.0	0.102805	Y
4	STD05 240-536024/25	0.5	0.049169	0.05	43383554.0	0.098339	Y
5	STD1 240-536024/26	1.0	0.101244	0.05	45978992.0	0.101244	Y
6	STD15 240-536024/27	1.5	0.133989	0.05	41929374.0	0.089326	Y



Calibration

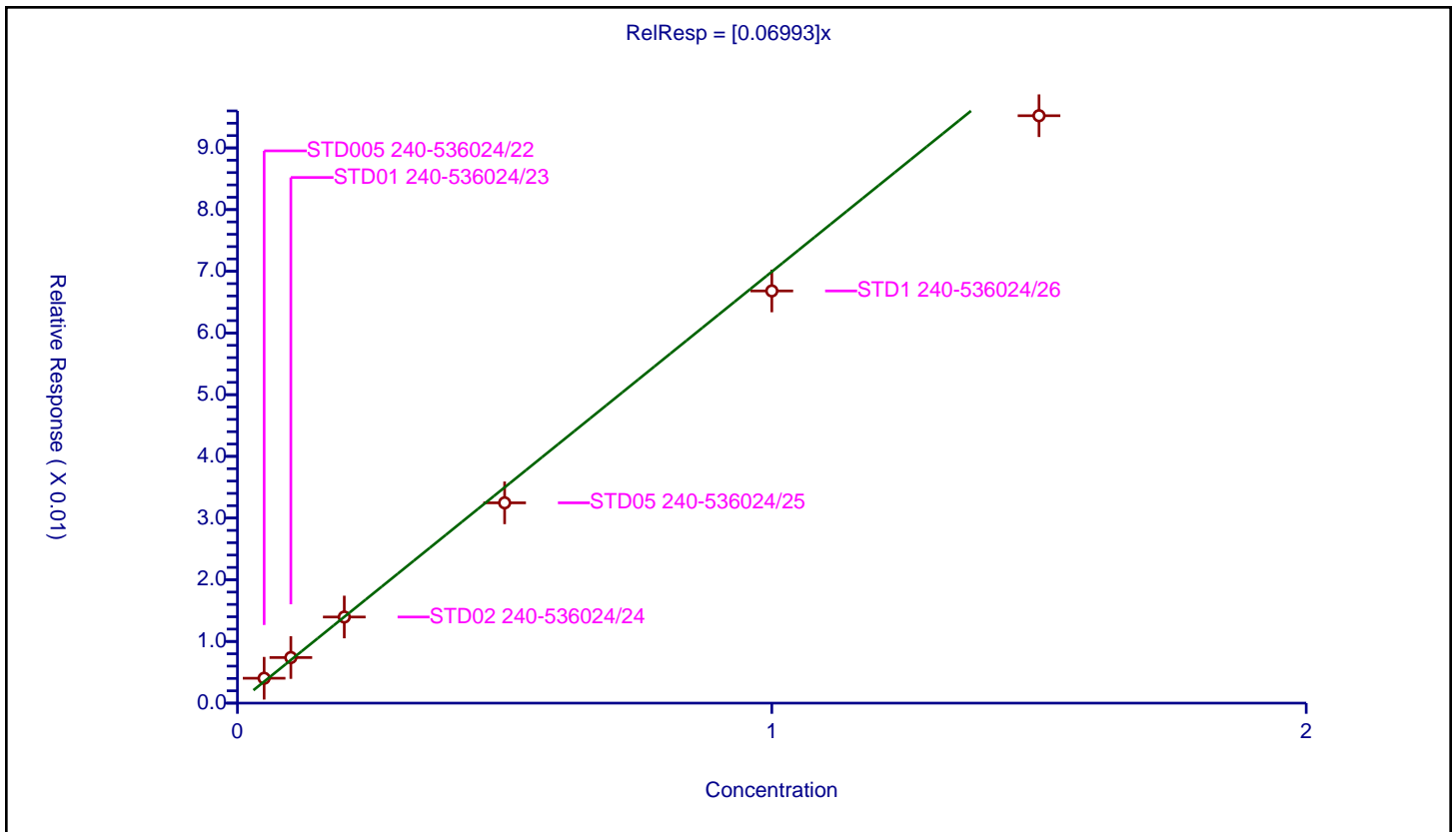
/ PCB-1254 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06993

Error Coefficients	
Standard Error:	47300000
Relative Standard Error:	9.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.004034	0.05	45817346.0	0.080687	Y
2	STD01 240-536024/23	0.1	0.007388	0.05	46934315.0	0.073885	Y
3	STD02 240-536024/24	0.2	0.013958	0.05	45134940.0	0.06979	Y
4	STD05 240-536024/25	0.5	0.032469	0.05	43383554.0	0.064938	Y
5	STD1 240-536024/26	1.0	0.066818	0.05	45978992.0	0.066818	Y
6	STD15 240-536024/27	1.5	0.095217	0.05	41929374.0	0.063478	Y



Calibration

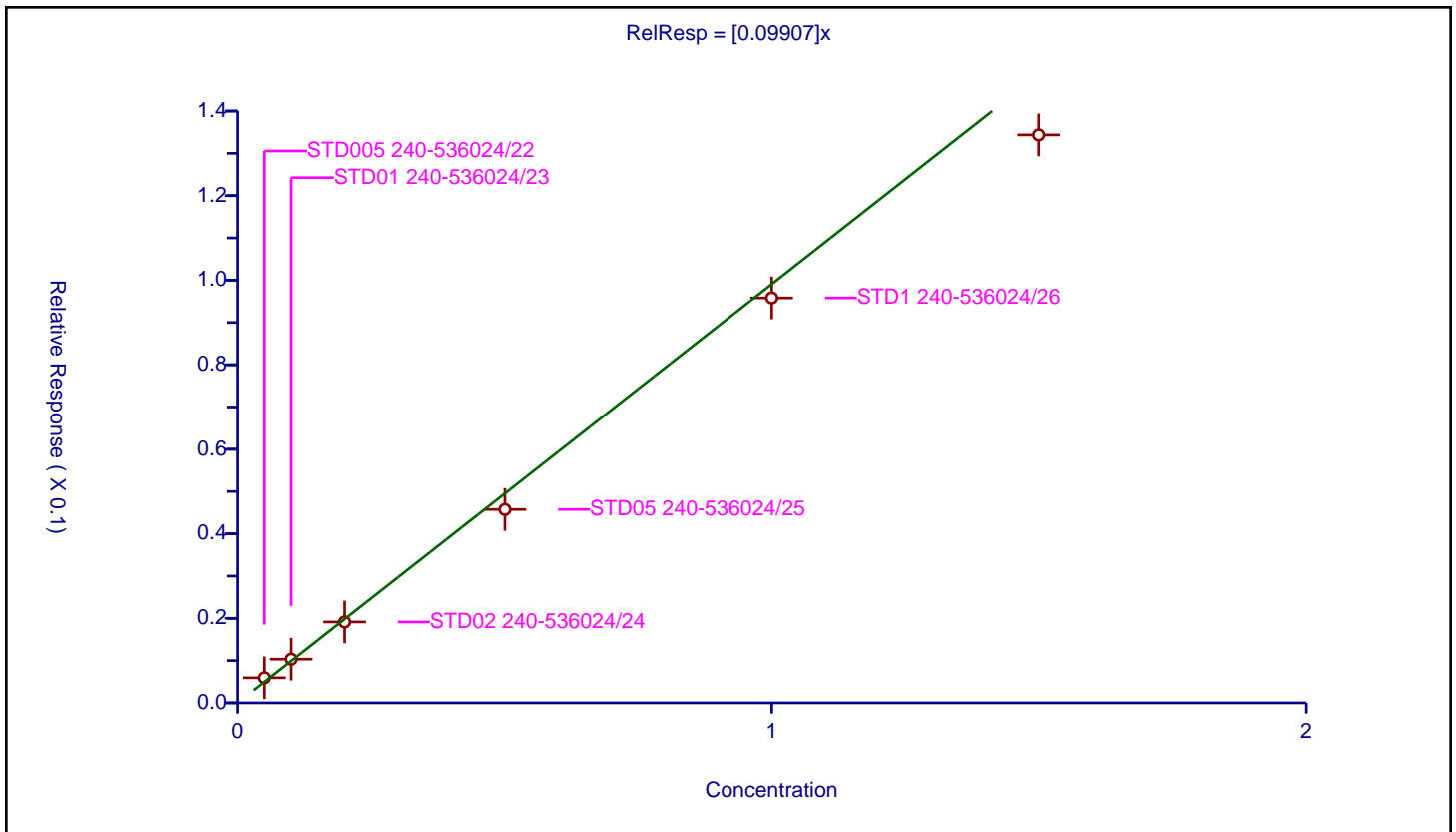
/ PCB-1254 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09907

Error Coefficients	
Standard Error:	67000000
Relative Standard Error:	10.8
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/22	0.05	0.005928	0.05	45817346.0	0.118566	Y
2	STD01 240-536024/23	0.1	0.010332	0.05	46934315.0	0.103322	Y
3	STD02 240-536024/24	0.2	0.019135	0.05	45134940.0	0.095674	Y
4	STD05 240-536024/25	0.5	0.045747	0.05	43383554.0	0.091494	Y
5	STD1 240-536024/26	1.0	0.09581	0.05	45978992.0	0.09581	Y
6	STD15 240-536024/27	1.5	0.134362	0.05	41929374.0	0.089575	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 18:42 Calibration End Date: 07/25/2022 20:02 Calibration ID: 66912

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/28	P12072528.D
Level 2	STD01 240-536024/29	P12072529.D
Level 3	STD02 240-536024/30	P12072530.D
Level 4	STD05 240-536024/31	P12072531.D
Level 5	STD1 240-536024/32	P12072532.D
Level 6	STD15 240-536024/33	P12072533.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0365 0.0242	0.0316	0.0302	0.0272	0.0251	Ave		0.029 1			15.8		20.0				
PCB-1016 Peak 2	0.0554 0.0395	0.0498	0.0462	0.0427	0.0402	Ave		0.045 6			13.4		20.0				
PCB-1016 Peak 3	0.0974 0.0827	0.0857	0.0837	0.0799	0.0787	Ave		0.084 7			8.0		20.0				
PCB-1016 Peak 4	0.0520 0.0379	0.0404	0.0428	0.0390	0.0373	Ave		0.041 6			13.2		20.0				
PCB-1016 Peak 5	0.0236 0.0179	0.0221	0.0202	0.0185	0.0174	Ave		0.020 0			12.5		20.0				
PCB-1260 Peak 1	0.0617 0.0535	0.0569	0.0509	0.0481	0.0481	Ave		0.053 2			10.1		20.0				
PCB-1260 Peak 2	0.1083 0.0966	0.1001	0.0887	0.0859	0.0867	Ave		0.094 4			9.4		20.0				
PCB-1260 Peak 3	0.0997 0.0900	0.0894	0.0822	0.0792	0.0812	Ave		0.086 9			8.8		20.0				
PCB-1260 Peak 4	0.1521 0.1338	0.1326	0.1205	0.1125	0.1188	Ave		0.128 4			11.1		20.0				
PCB-1260 Peak 5	0.0707 0.0620	0.0653	0.0586	0.0541	0.0560	Ave		0.061 1			10.1		20.0				
Tetrachloro-m-xylene	1.6846 1.3412	1.5392	1.5219	1.4369	1.3748	Lin1	0.001 0	1.350 0					0.9990			0.9900	
DCB Decachlorobiphenyl	1.4497 1.2237	1.3403	1.1940	1.0609	1.1139	Lin1	0.000 6	1.152 0					0.9950			0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 18:42 Calibration End Date: 07/25/2022 20:02 Calibration ID: 66912

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/28	P12072528.D
Level 2	STD01 240-536024/29	P12072529.D
Level 3	STD02 240-536024/30	P12072530.D
Level 4	STD05 240-536024/31	P12072531.D
Level 5	STD1 240-536024/32	P12072532.D
Level 6	STD15 240-536024/33	P12072533.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	6437230 143241469	11523828	21484441	45841090	88766436	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	9775203 234039045	18168142	32849544	72063604	142368411	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	17205971 489404756	31292572	59507427	134905553	278517349	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	9182164 224671414	14757178	30415468	65892165	132000624	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	4172369 105934535	8079888	14380318	31292525	61567081	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	10903629 316711769	20763747	36142421	81157709	170288662	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	19120400 572067106	36535277	63063191	145035321	307050128	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	17598863 532801063	32644475	58435969	133772464	287368345	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	26862666 792007372	48408601	85646275	189837731	420481651	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	12486664 367336452	23838547	41679368	91322023	198251242	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	14873559 423550538	28096477	54085951	121286167	243332521	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	12800019 386456334	24466443	42432962	89552063	197152195	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

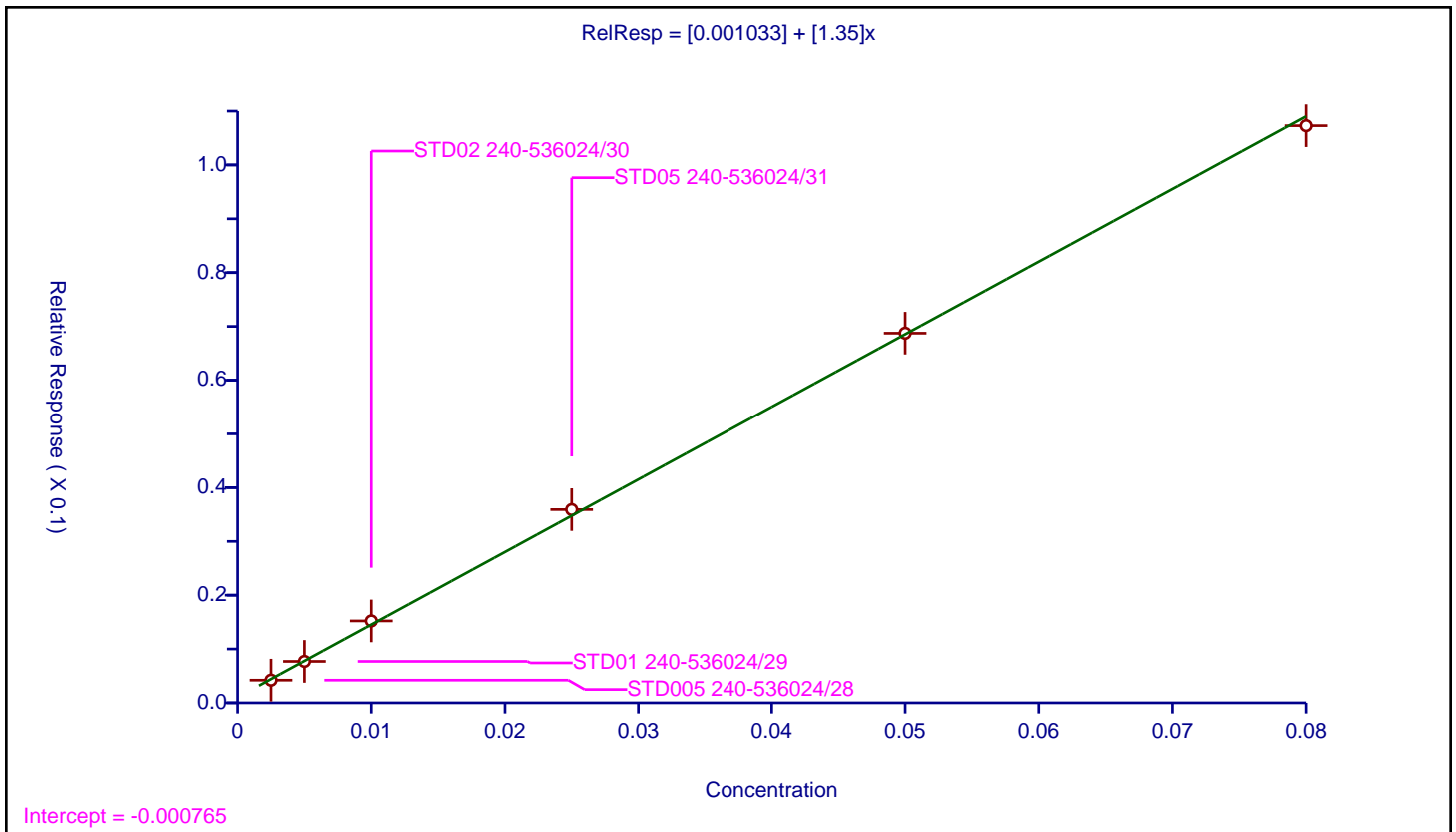
/ Tetrachloro-m-xylene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.001033
Slope:	1.35

Error Coefficients	
Standard Error:	254000000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.0025	0.004211	0.05	176587523.0	1.684554	Y
2	STD01 240-536024/29	0.005	0.007696	0.05	182540850.0	1.539188	Y
3	STD02 240-536024/30	0.01	0.015219	0.05	177687433.0	1.521941	Y
4	STD05 240-536024/31	0.025	0.035922	0.05	168818901.0	1.436879	Y
5	STD1 240-536024/32	0.05	0.068739	0.05	176997888.0	1.374776	Y
6	STD15 240-536024/33	0.08	0.107295	0.05	197377389.0	1.341182	Y



Calibration

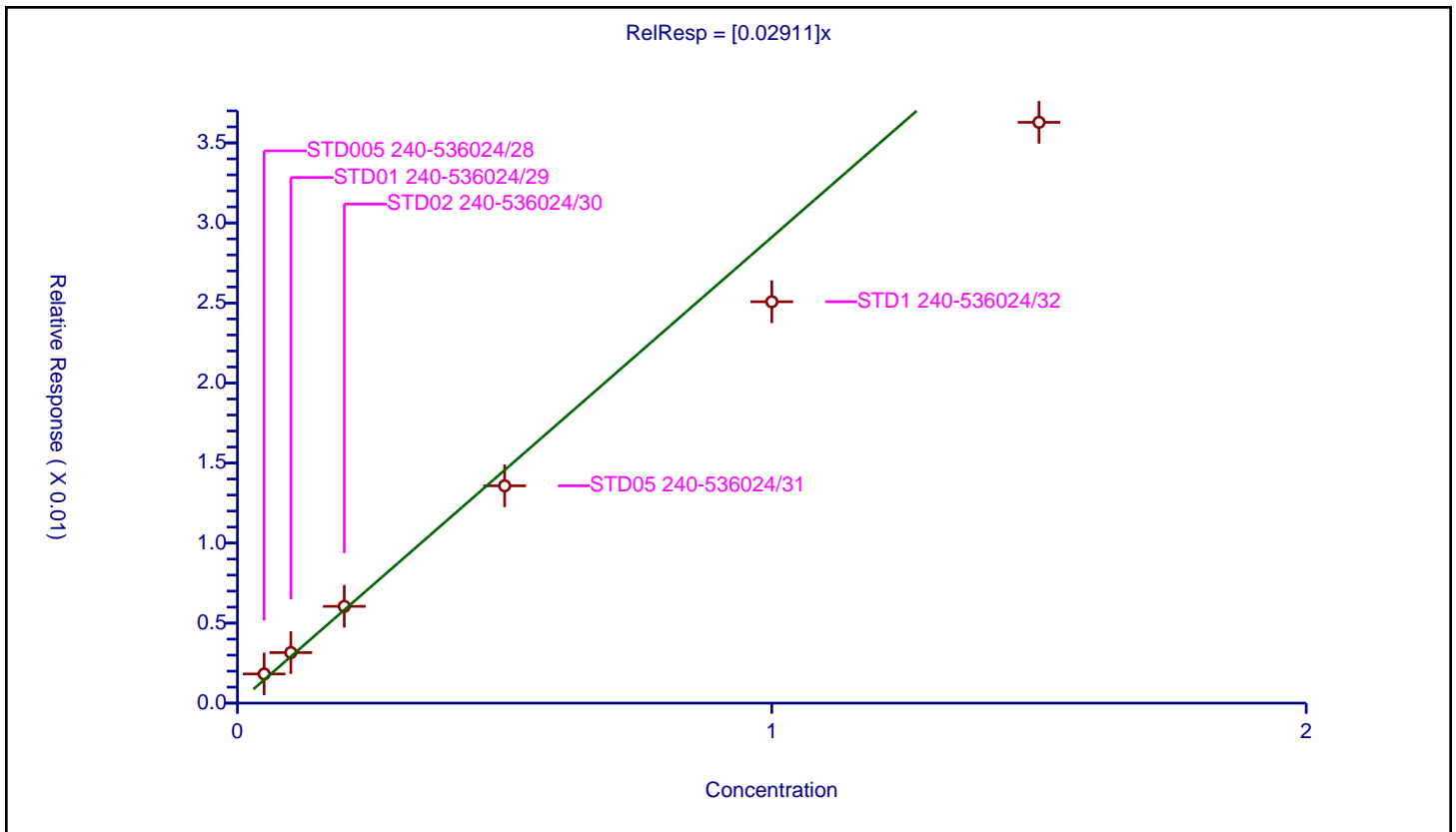
/ PCB-1016 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02911

Error Coefficients	
Standard Error:	78900000
Relative Standard Error:	15.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.001823	0.05	176587523.0	0.036453	Y
2	STD01 240-536024/29	0.1	0.003157	0.05	182540850.0	0.031565	Y
3	STD02 240-536024/30	0.2	0.006046	0.05	177687433.0	0.030228	Y
4	STD05 240-536024/31	0.5	0.013577	0.05	168818901.0	0.027154	Y
5	STD1 240-536024/32	1.0	0.025076	0.05	176997888.0	0.025076	Y
6	STD15 240-536024/33	1.5	0.036286	0.05	197377389.0	0.024191	Y



Calibration

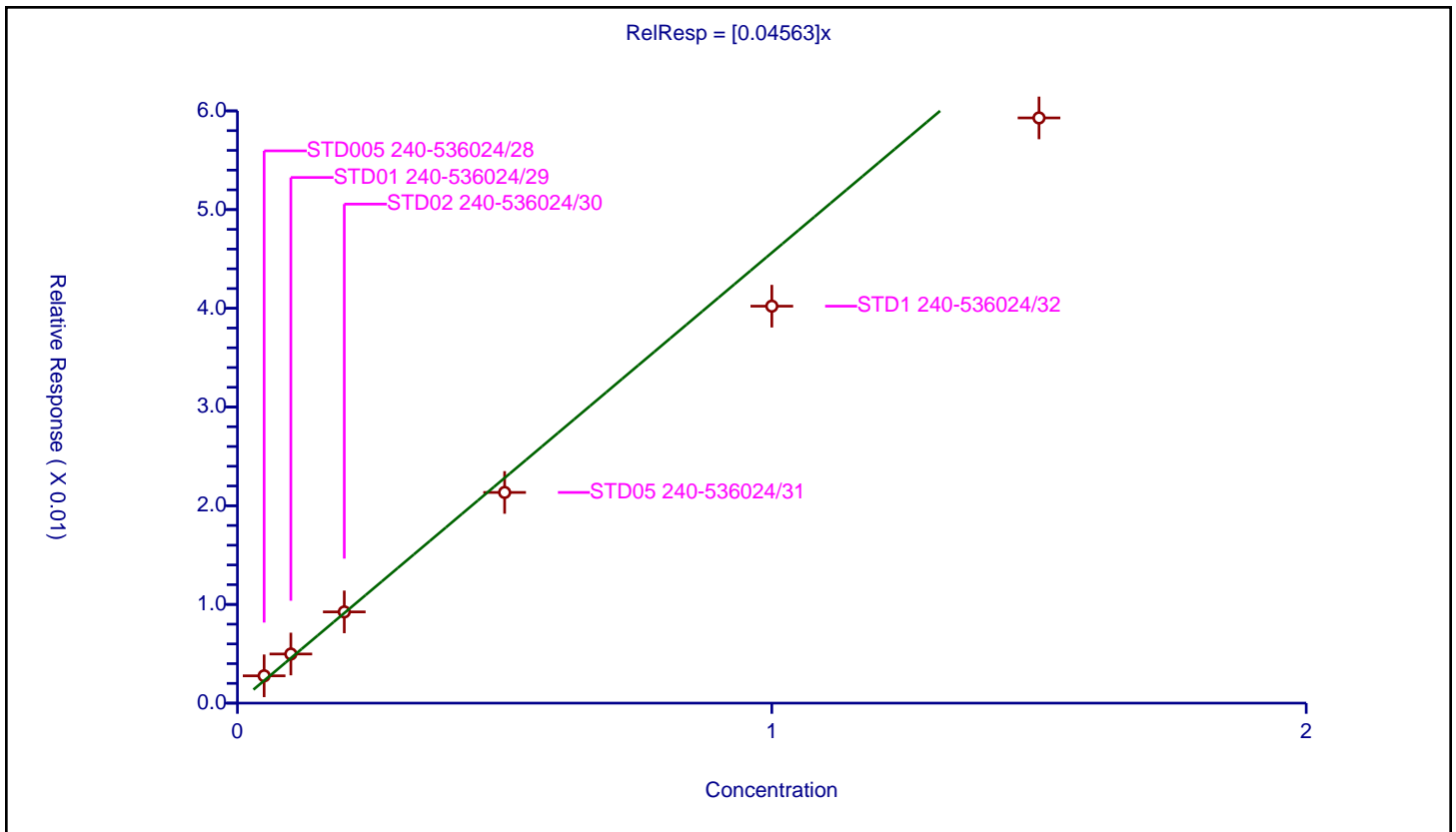
/ PCB-1016 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04563

Error Coefficients	
Standard Error:	128000000
Relative Standard Error:	13.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.002768	0.05	176587523.0	0.055356	Y
2	STD01 240-536024/29	0.1	0.004976	0.05	182540850.0	0.049765	Y
3	STD02 240-536024/30	0.2	0.009244	0.05	177687433.0	0.046218	Y
4	STD05 240-536024/31	0.5	0.021343	0.05	168818901.0	0.042687	Y
5	STD1 240-536024/32	1.0	0.040218	0.05	176997888.0	0.040218	Y
6	STD15 240-536024/33	1.5	0.059287	0.05	197377389.0	0.039525	Y



Calibration

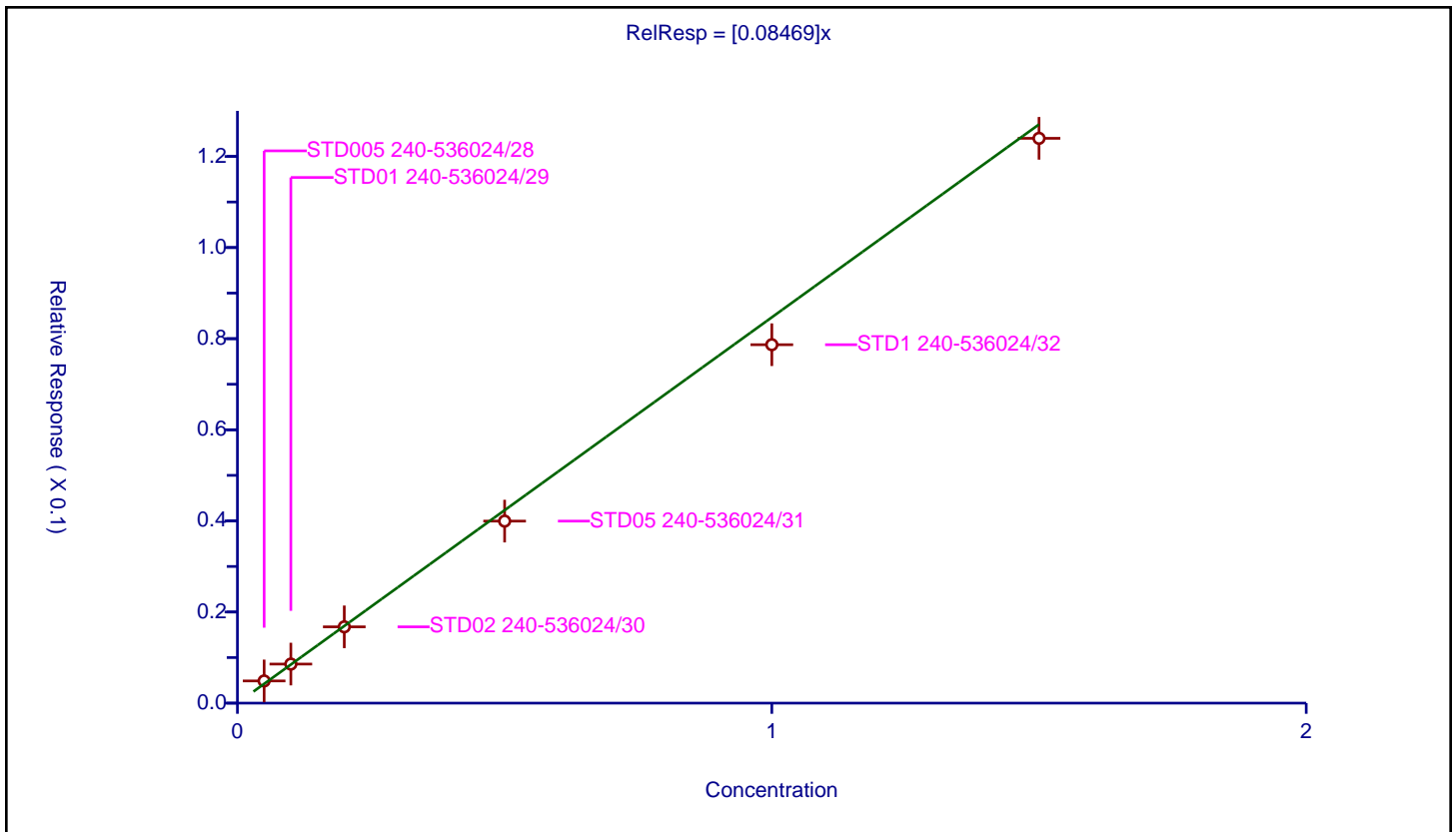
/ PCB-1016 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08469

Error Coefficients	
Standard Error:	261000000
Relative Standard Error:	8.0
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.004872	0.05	176587523.0	0.097436	Y
2	STD01 240-536024/29	0.1	0.008571	0.05	182540850.0	0.085714	Y
3	STD02 240-536024/30	0.2	0.016745	0.05	177687433.0	0.083725	Y
4	STD05 240-536024/31	0.5	0.039956	0.05	168818901.0	0.079911	Y
5	STD1 240-536024/32	1.0	0.078678	0.05	176997888.0	0.078678	Y
6	STD15 240-536024/33	1.5	0.123977	0.05	197377389.0	0.082651	Y



Calibration

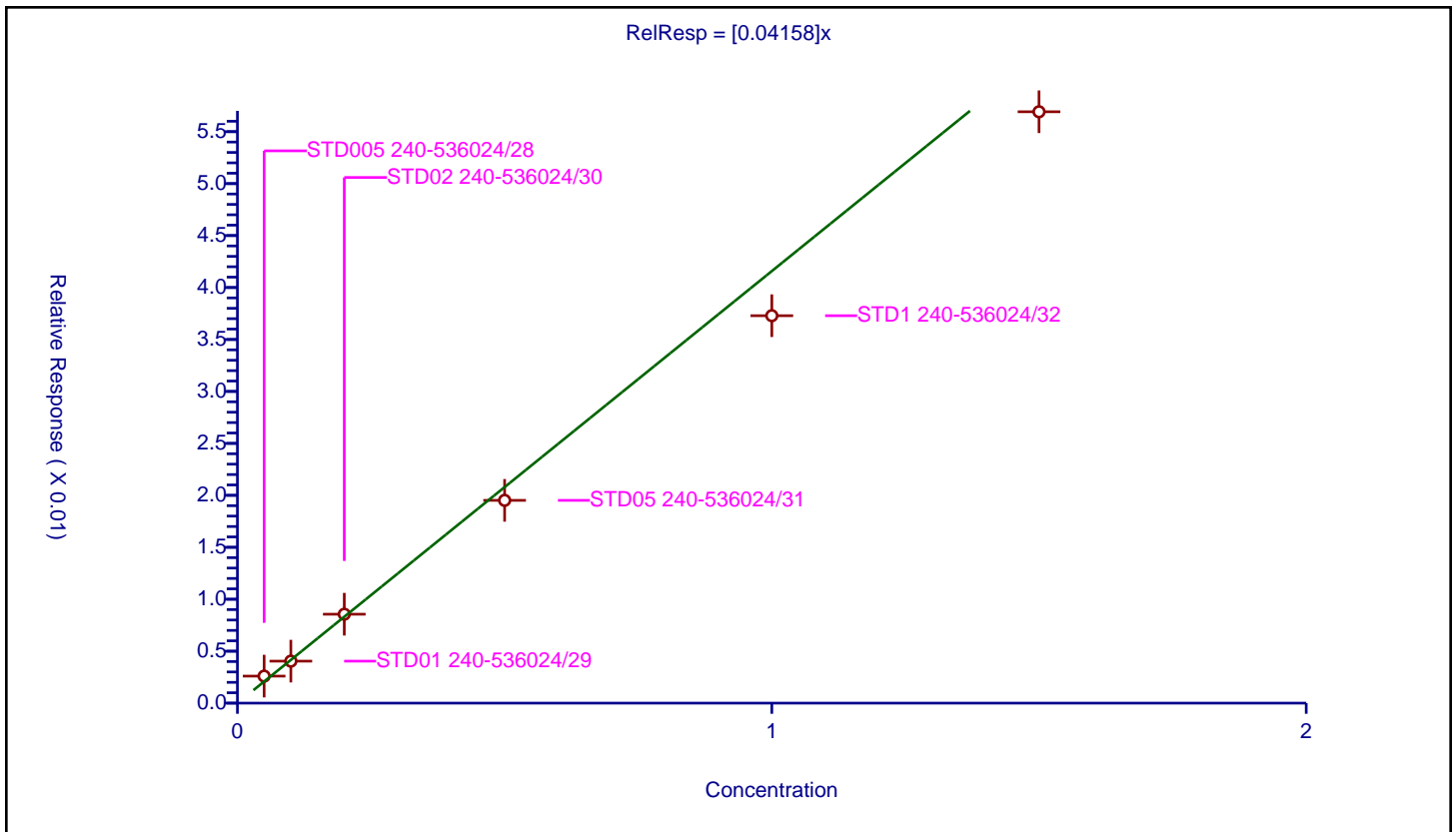
/ PCB-1016 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04158

Error Coefficients	
Standard Error:	121000000
Relative Standard Error:	13.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.0026	0.05	176587523.0	0.051998	Y
2	STD01 240-536024/29	0.1	0.004042	0.05	182540850.0	0.040422	Y
3	STD02 240-536024/30	0.2	0.008559	0.05	177687433.0	0.042793	Y
4	STD05 240-536024/31	0.5	0.019516	0.05	168818901.0	0.039031	Y
5	STD1 240-536024/32	1.0	0.037289	0.05	176997888.0	0.037289	Y
6	STD15 240-536024/33	1.5	0.056914	0.05	197377389.0	0.037943	Y



Calibration

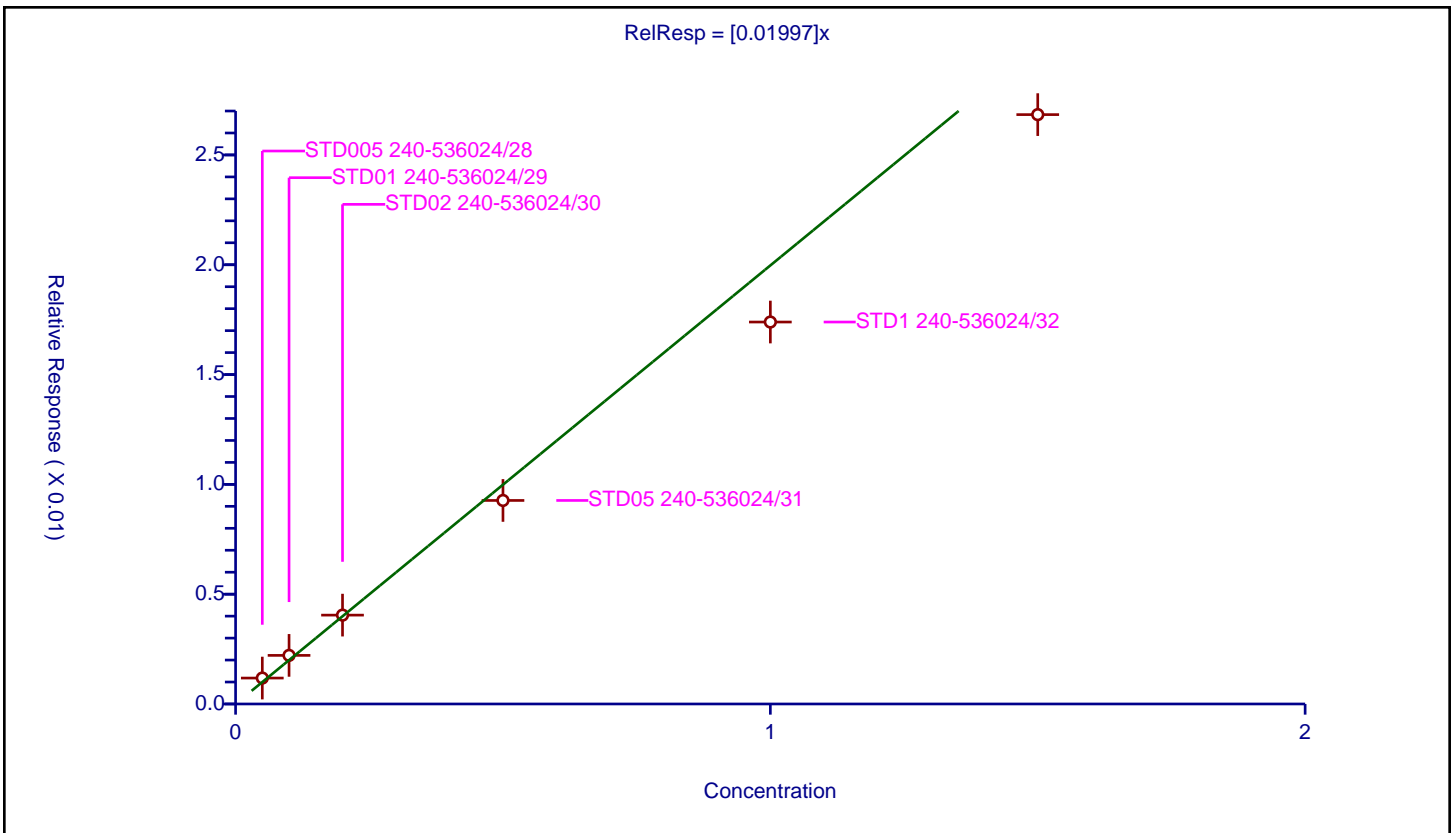
/ PCB-1016 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01997

Error Coefficients	
Standard Error:	57100000
Relative Standard Error:	12.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.001181	0.05	176587523.0	0.023628	Y
2	STD01 240-536024/29	0.1	0.002213	0.05	182540850.0	0.022132	Y
3	STD02 240-536024/30	0.2	0.004047	0.05	177687433.0	0.020233	Y
4	STD05 240-536024/31	0.5	0.009268	0.05	168818901.0	0.018536	Y
5	STD1 240-536024/32	1.0	0.017392	0.05	176997888.0	0.017392	Y
6	STD15 240-536024/33	1.5	0.026836	0.05	197377389.0	0.01789	Y



Calibration

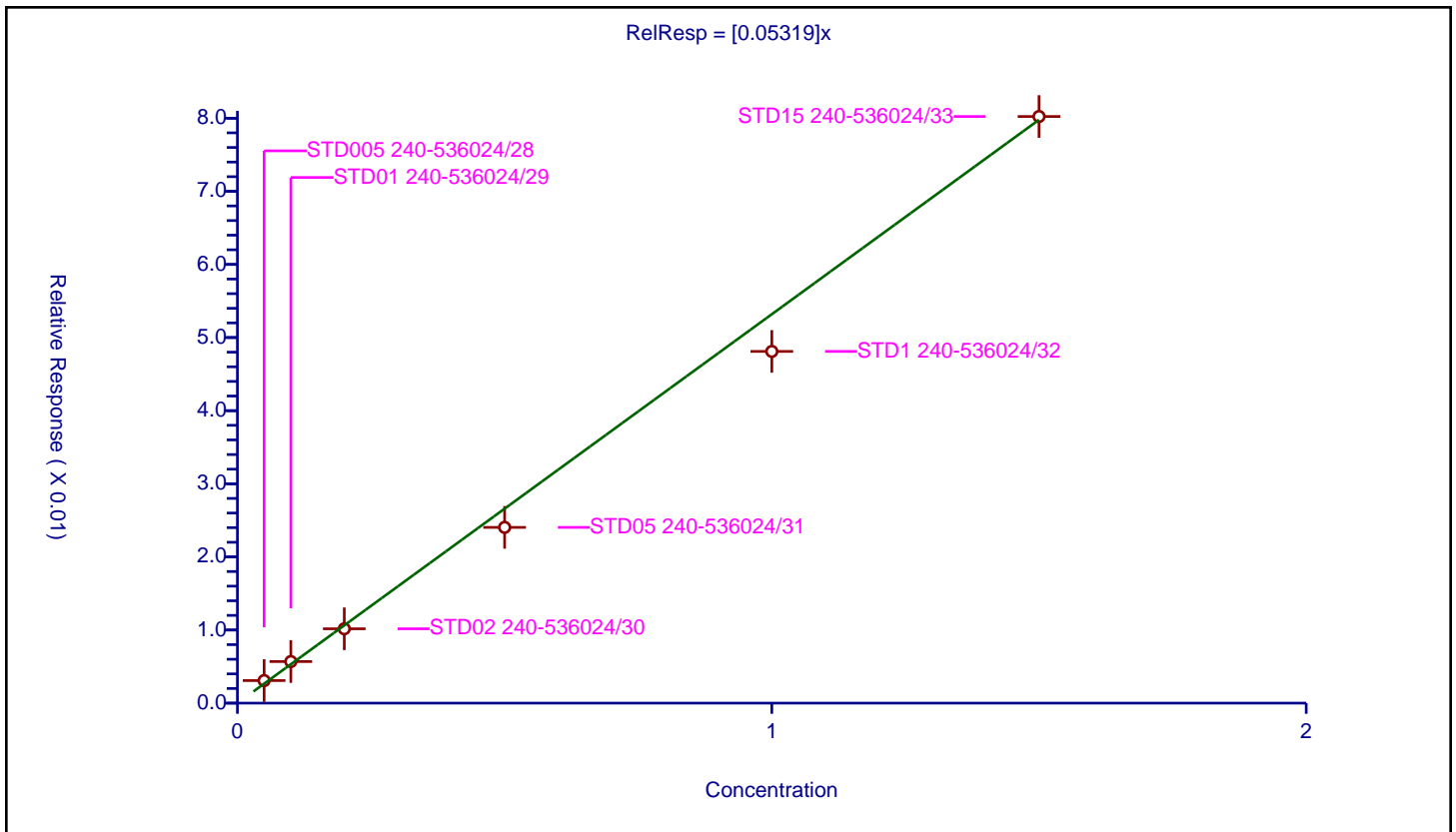
/ PCB-1260 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05319

Error Coefficients	
Standard Error:	166000000
Relative Standard Error:	10.1
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.003087	0.05	176587523.0	0.061746	Y
2	STD01 240-536024/29	0.1	0.005687	0.05	182540850.0	0.056874	Y
3	STD02 240-536024/30	0.2	0.01017	0.05	177687433.0	0.050851	Y
4	STD05 240-536024/31	0.5	0.024037	0.05	168818901.0	0.048074	Y
5	STD1 240-536024/32	1.0	0.048105	0.05	176997888.0	0.048105	Y
6	STD15 240-536024/33	1.5	0.08023	0.05	197377389.0	0.053487	Y



Calibration

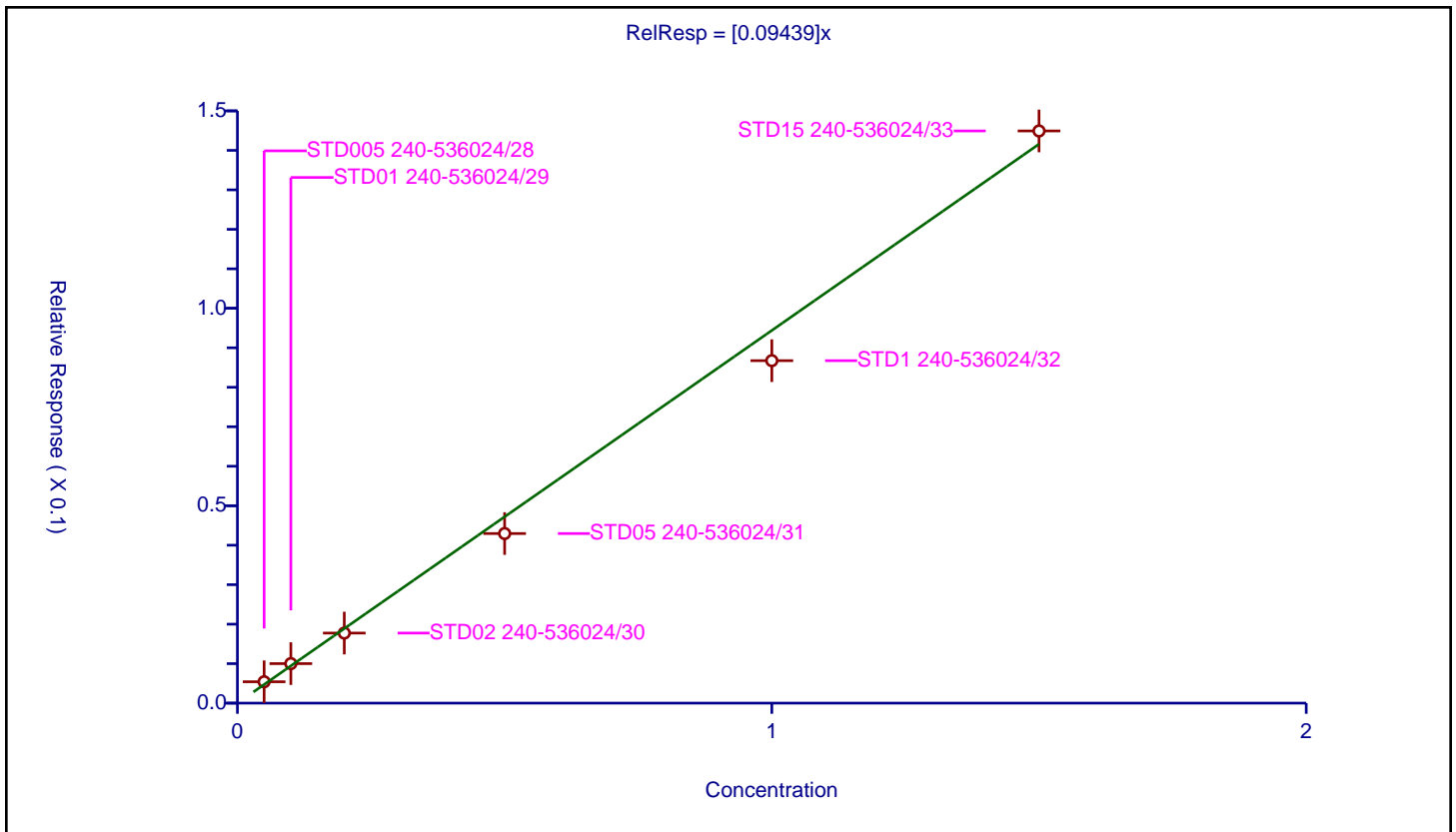
/ PCB-1260 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09439

Error Coefficients	
Standard Error:	299000000
Relative Standard Error:	9.4
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.005414	0.05	176587523.0	0.108277	Y
2	STD01 240-536024/29	0.1	0.010007	0.05	182540850.0	0.100074	Y
3	STD02 240-536024/30	0.2	0.017746	0.05	177687433.0	0.088728	Y
4	STD05 240-536024/31	0.5	0.042956	0.05	168818901.0	0.085912	Y
5	STD1 240-536024/32	1.0	0.086738	0.05	176997888.0	0.086738	Y
6	STD15 240-536024/33	1.5	0.144917	0.05	197377389.0	0.096611	Y



Calibration

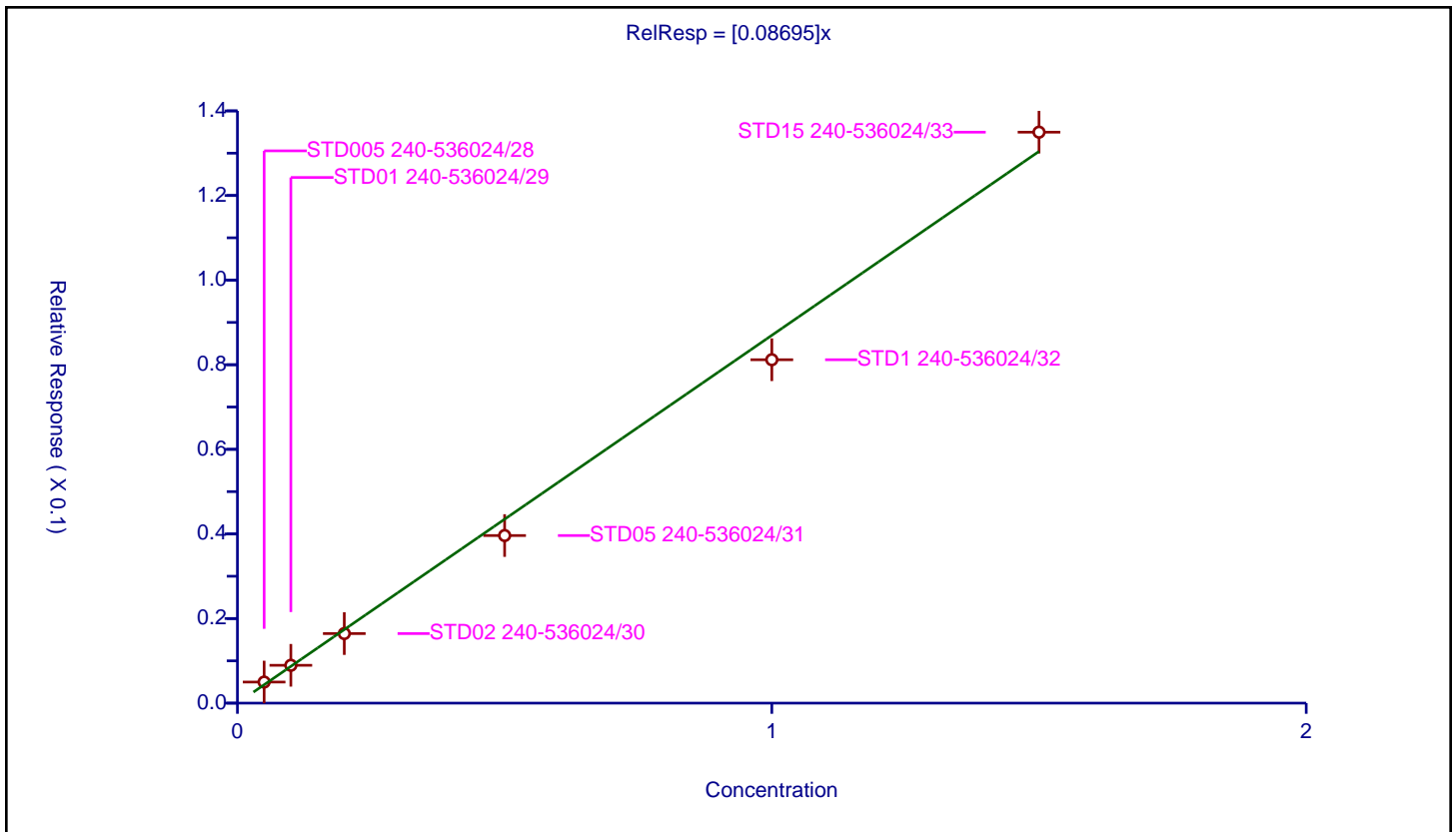
/ PCB-1260 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08695

Error Coefficients	
Standard Error:	279000000
Relative Standard Error:	8.8
Correlation Coefficient:	0.982
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.004983	0.05	176587523.0	0.099661	Y
2	STD01 240-536024/29	0.1	0.008942	0.05	182540850.0	0.089417	Y
3	STD02 240-536024/30	0.2	0.016443	0.05	177687433.0	0.082217	Y
4	STD05 240-536024/31	0.5	0.03962	0.05	168818901.0	0.07924	Y
5	STD1 240-536024/32	1.0	0.081178	0.05	176997888.0	0.081178	Y
6	STD15 240-536024/33	1.5	0.13497	0.05	197377389.0	0.08998	Y



Calibration

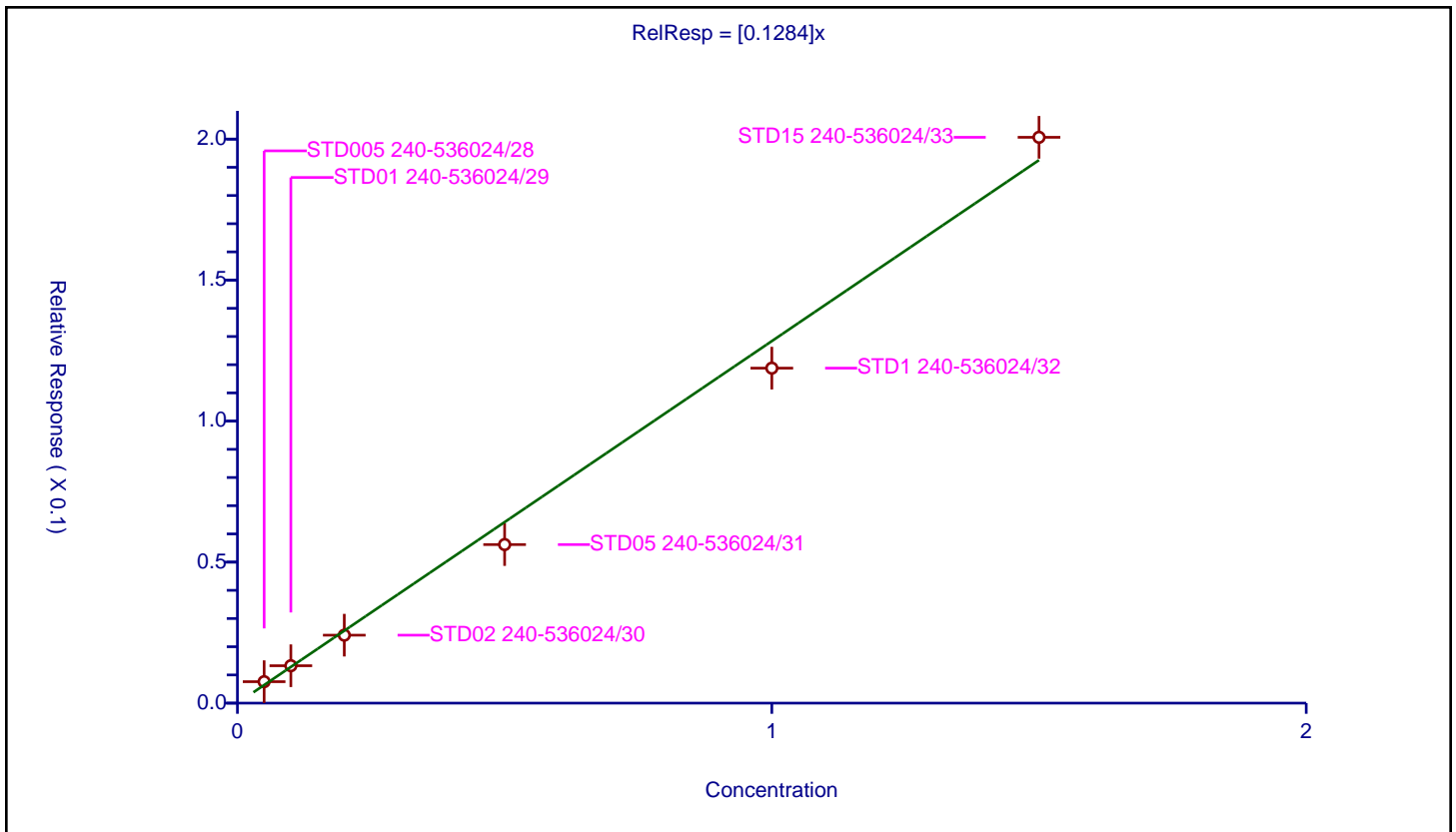
/ PCB-1260 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1284

Error Coefficients	
Standard Error:	412000000
Relative Standard Error:	11.1
Correlation Coefficient:	0.978
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.007606	0.05	176587523.0	0.152121	Y
2	STD01 240-536024/29	0.1	0.01326	0.05	182540850.0	0.132597	Y
3	STD02 240-536024/30	0.2	0.0241	0.05	177687433.0	0.120501	Y
4	STD05 240-536024/31	0.5	0.056225	0.05	168818901.0	0.112451	Y
5	STD1 240-536024/32	1.0	0.118782	0.05	176997888.0	0.118782	Y
6	STD15 240-536024/33	1.5	0.200633	0.05	197377389.0	0.133755	Y



Calibration

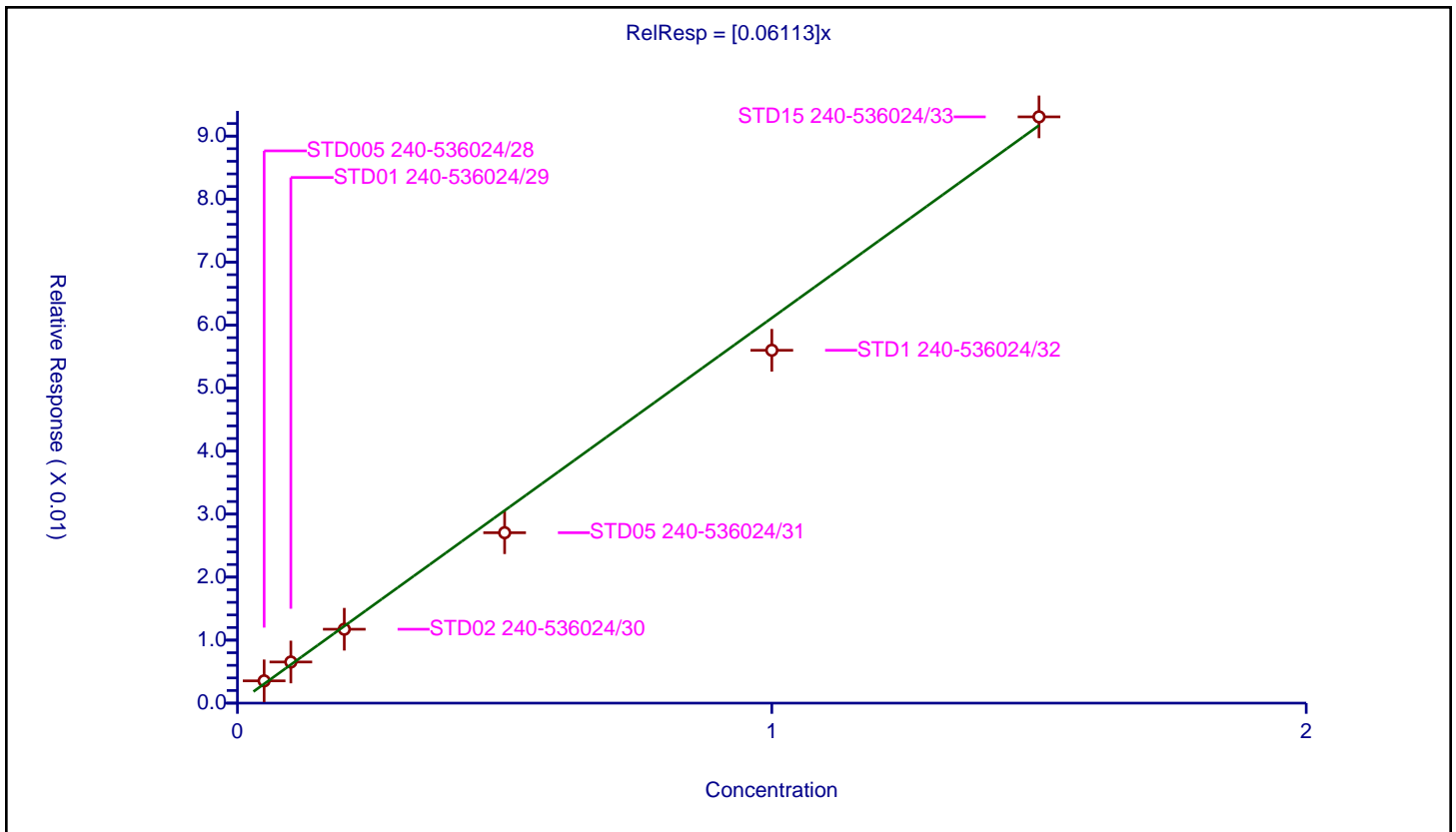
/ PCB-1260 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06113

Error Coefficients	
Standard Error:	192000000
Relative Standard Error:	10.1
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.003536	0.05	176587523.0	0.070711	Y
2	STD01 240-536024/29	0.1	0.00653	0.05	182540850.0	0.065296	Y
3	STD02 240-536024/30	0.2	0.011728	0.05	177687433.0	0.058641	Y
4	STD05 240-536024/31	0.5	0.027047	0.05	168818901.0	0.054095	Y
5	STD1 240-536024/32	1.0	0.056004	0.05	176997888.0	0.056004	Y
6	STD15 240-536024/33	1.5	0.093054	0.05	197377389.0	0.062036	Y



Calibration

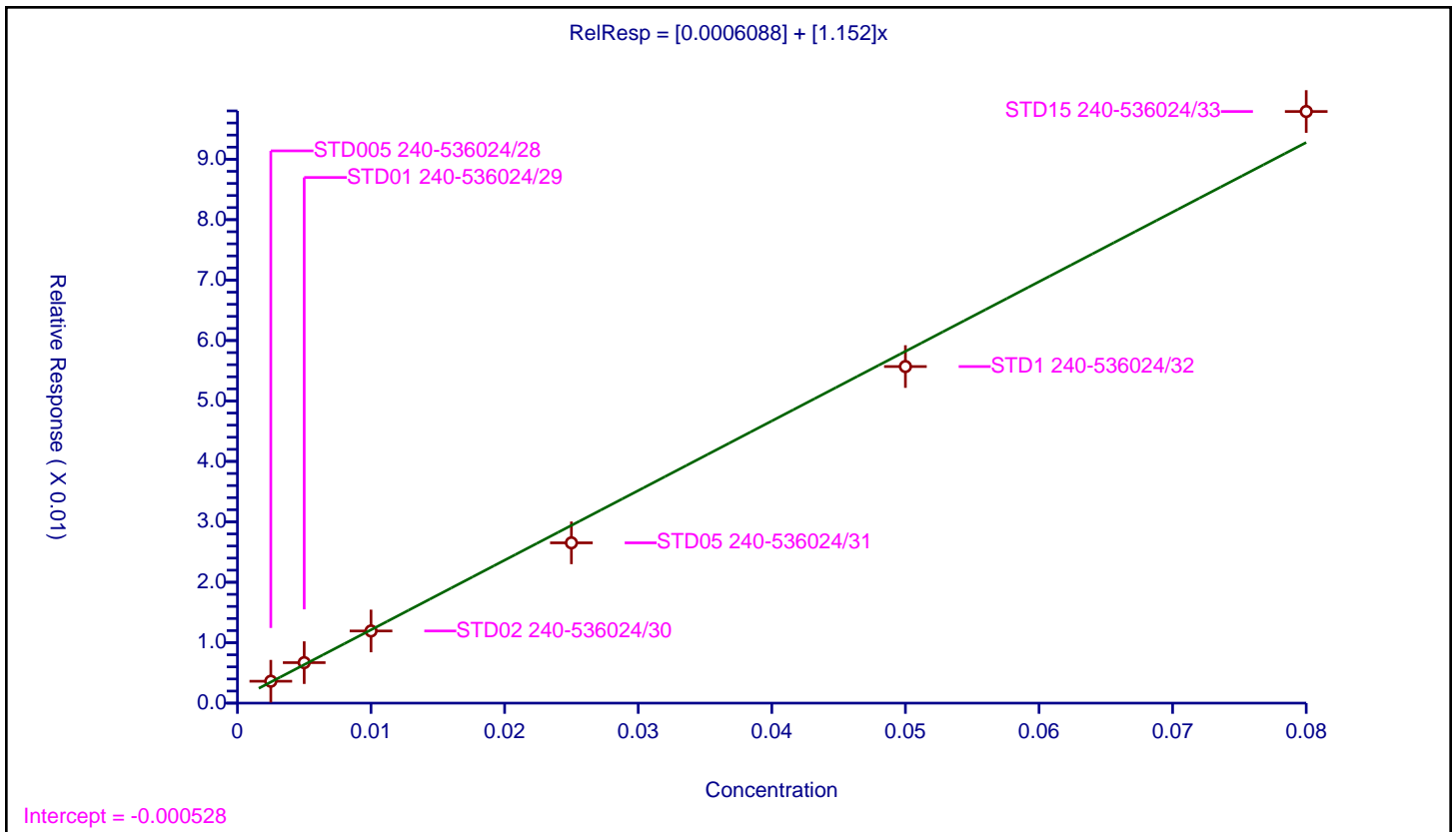
/ DCB Decachlorobiphenyl

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.0006088
Slope:	1.152

Error Coefficients	
Standard Error:	223000000
Relative Standard Error:	7.2
Correlation Coefficient:	0.983
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.0025	0.003624	0.05	176587523.0	1.449708	Y
2	STD01 240-536024/29	0.005	0.006702	0.05	182540850.0	1.340327	Y
3	STD02 240-536024/30	0.01	0.01194	0.05	177687433.0	1.194034	Y
4	STD05 240-536024/31	0.025	0.026523	0.05	168818901.0	1.060925	Y
5	STD1 240-536024/32	0.05	0.055693	0.05	176997888.0	1.113867	Y
6	STD15 240-536024/33	0.08	0.097898	0.05	197377389.0	1.223723	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 18:42 Calibration End Date: 07/25/2022 20:02 Calibration ID: 66913

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/28	P12072528.D
Level 2	STD01 240-536024/29	P12072529.D
Level 3	STD02 240-536024/30	P12072530.D
Level 4	STD05 240-536024/31	P12072531.D
Level 5	STD1 240-536024/32	P12072532.D
Level 6	STD15 240-536024/33	P12072533.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0458 0.0312	0.0426	0.0388	0.0353	0.0324	Ave		0.037 7			15.3		20.0				
PCB-1016 Peak 2	0.0778 0.0542	0.0720	0.0653	0.0599	0.0554	Ave		0.064 1			14.7		20.0				
PCB-1016 Peak 3	0.1296 0.1062	0.1212	0.1122	0.1072	0.1038	Ave		0.113 4			8.9		20.0				
PCB-1016 Peak 4	0.0662 0.0495	0.0631	0.0558	0.0513	0.0489	Ave		0.055 8			13.1		20.0				
PCB-1016 Peak 5	0.0366 0.0264	0.0338	0.0298	0.0273	0.0262	Ave		0.030 0			14.3		20.0				
PCB-1260 Peak 1	0.0944 0.0795	0.0886	0.0795	0.0731	0.0729	Ave		0.081 3			10.6		20.0				
PCB-1260 Peak 2	0.1010 0.0835	0.0936	0.0842	0.0779	0.0775	Ave		0.086 3			10.8		20.0				
PCB-1260 Peak 3	0.1467 0.1229	0.1360	0.1225	0.1132	0.1136	Ave		0.125 8			10.5		20.0				
PCB-1260 Peak 4	0.1942 0.1678	0.1806	0.1645	0.1526	0.1550	Ave		0.169 1			9.4		20.0				
PCB-1260 Peak 5	0.1419 0.1189	0.1298	0.1178	0.1075	0.1104	Ave		0.121 1			10.6		20.0				
Tetrachloro-m-xylene	2.1691 1.8063	2.0361	1.9906	1.9060	1.8443	Lin1	0.001 1	1.815 7					1.0000			0.9900	
DCB Decachlorobiphenyl	1.8299 1.5177	1.6601	1.5201	1.3416	1.4137	Lin1	0.000 8	1.442 6					0.9970			0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 536024

SDG No.: _____

Instrument ID: A2HP12 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2022 18:42 Calibration End Date: 07/25/2022 20:02 Calibration ID: 66913

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-536024/28	P12072528.D
Level 2	STD01 240-536024/29	P12072529.D
Level 3	STD02 240-536024/30	P12072530.D
Level 4	STD05 240-536024/31	P12072531.D
Level 5	STD1 240-536024/32	P12072532.D
Level 6	STD15 240-536024/33	P12072533.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2035795 46522887	3892070	6906071	15053511	28883770	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	3454308 80659549	6575498	11637391	25545738	49325516	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	5755124 158175409	11070187	19985418	45738513	92463740	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	2939969 73784200	5764671	9932119	21871027	43583990	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	1626233 39338483	3083487	5308221	11661539	23335358	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	4191918 118380731	8092752	14161262	31205366	64928444	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	4487134 124396018	8549875	14998715	33216902	69053433	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	6513241 182960575	12421463	21826895	48279212	101186249	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	8622619 249823775	16494546	29296469	65104510	138080328	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	6301111 176996178	11859247	20991660	45870197	98288274	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	4816129 143456744	9299028	17728738	40659606	82123407	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	4062928 120538251	7581914	13538230	28619441	62950247	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

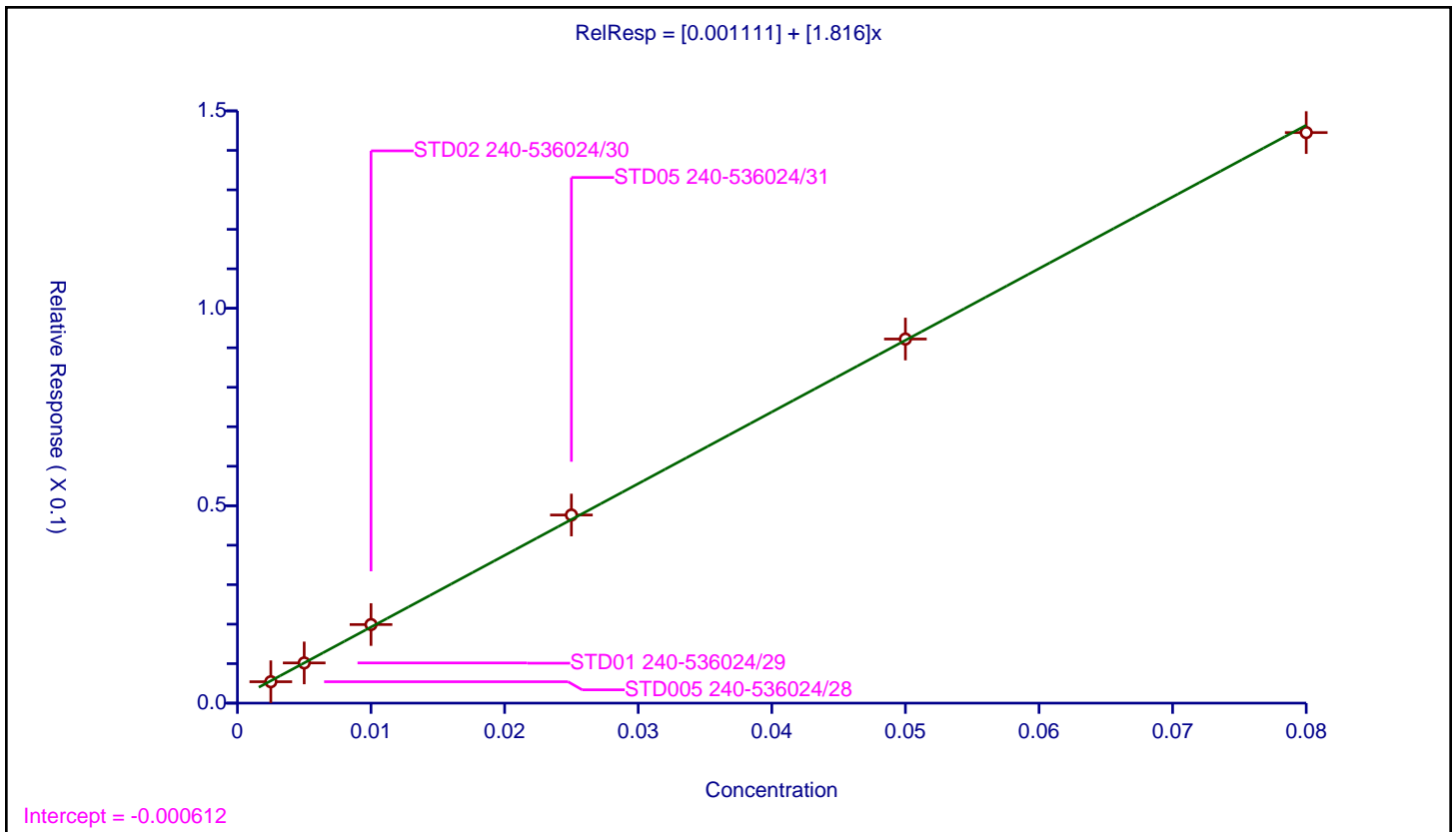
/ Tetrachloro-m-xylene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.001111
Slope:	1.816

Error Coefficients	
Standard Error:	85700000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.0025	0.005423	0.05	44405681.0	2.16915	Y
2	STD01 240-536024/29	0.005	0.01018	0.05	45671535.0	2.036066	Y
3	STD02 240-536024/30	0.01	0.019906	0.05	44530783.0	1.990616	Y
4	STD05 240-536024/31	0.025	0.047651	0.05	42664386.0	1.906021	Y
5	STD1 240-536024/32	0.05	0.092214	0.05	44528604.0	1.844284	Y
6	STD15 240-536024/33	0.08	0.144506	0.05	49637017.0	1.806323	Y



Calibration

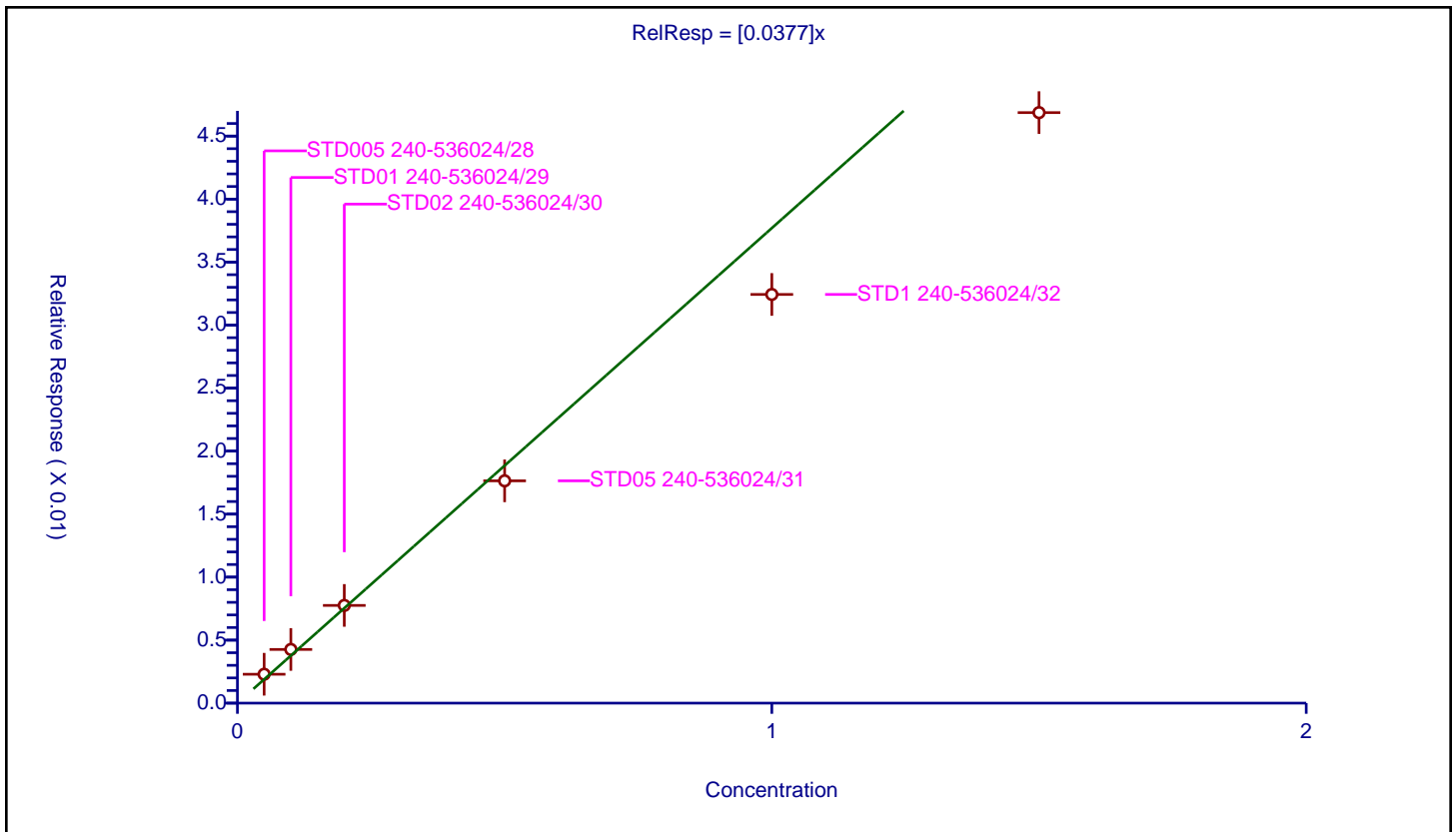
/ PCB-1016 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0377

Error Coefficients	
Standard Error:	25700000
Relative Standard Error:	15.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.002292	0.05	44405681.0	0.045845	Y
2	STD01 240-536024/29	0.1	0.004261	0.05	45671535.0	0.042609	Y
3	STD02 240-536024/30	0.2	0.007754	0.05	44530783.0	0.038771	Y
4	STD05 240-536024/31	0.5	0.017642	0.05	42664386.0	0.035284	Y
5	STD1 240-536024/32	1.0	0.032433	0.05	44528604.0	0.032433	Y
6	STD15 240-536024/33	1.5	0.046863	0.05	49637017.0	0.031242	Y



Calibration

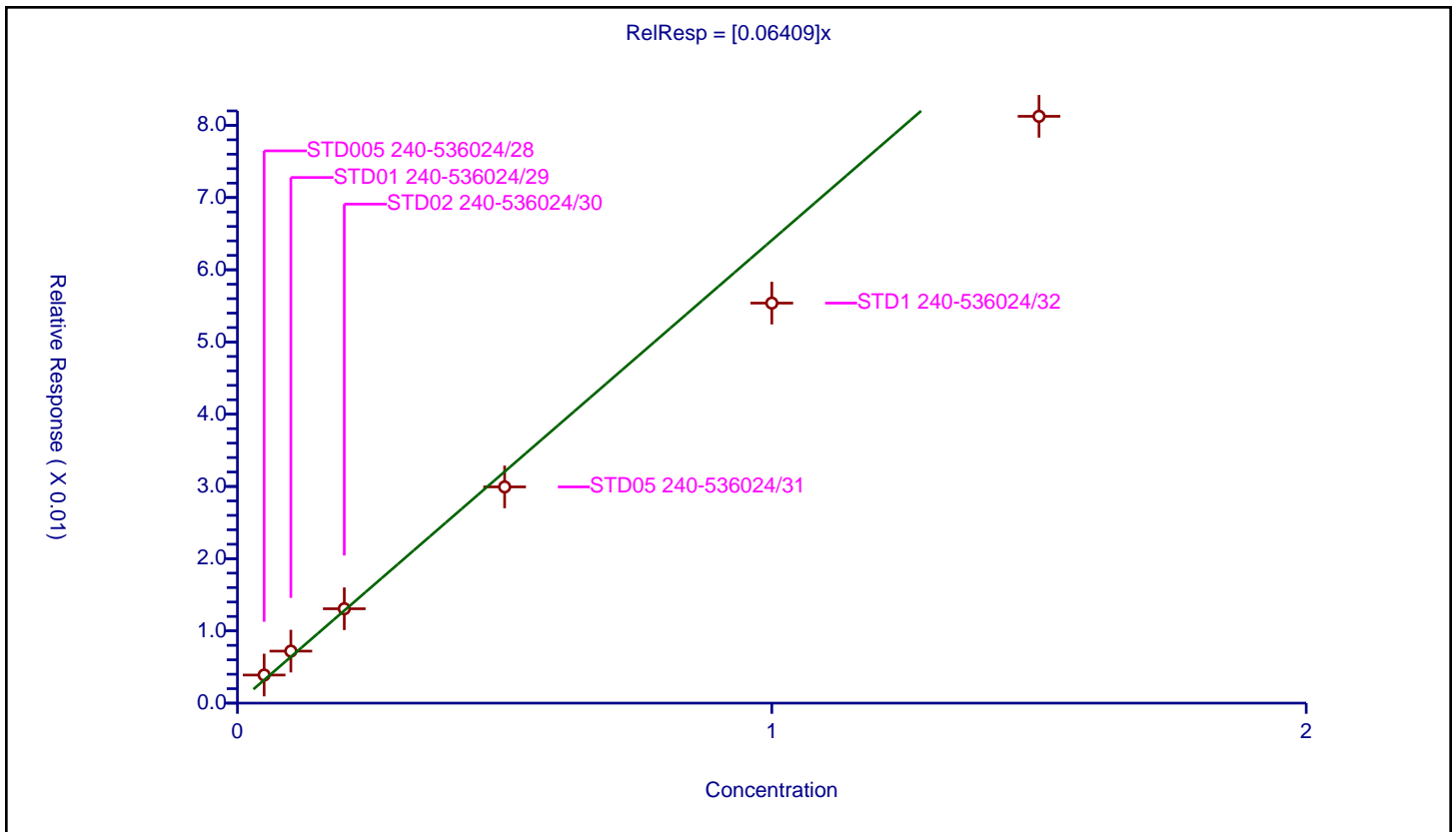
/ PCB-1016 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06409

Error Coefficients	
Standard Error:	44200000
Relative Standard Error:	14.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.003889	0.05	44405681.0	0.07779	Y
2	STD01 240-536024/29	0.1	0.007199	0.05	45671535.0	0.071987	Y
3	STD02 240-536024/30	0.2	0.013067	0.05	44530783.0	0.065333	Y
4	STD05 240-536024/31	0.5	0.029938	0.05	42664386.0	0.059876	Y
5	STD1 240-536024/32	1.0	0.055386	0.05	44528604.0	0.055386	Y
6	STD15 240-536024/33	1.5	0.081249	0.05	49637017.0	0.054166	Y



Calibration

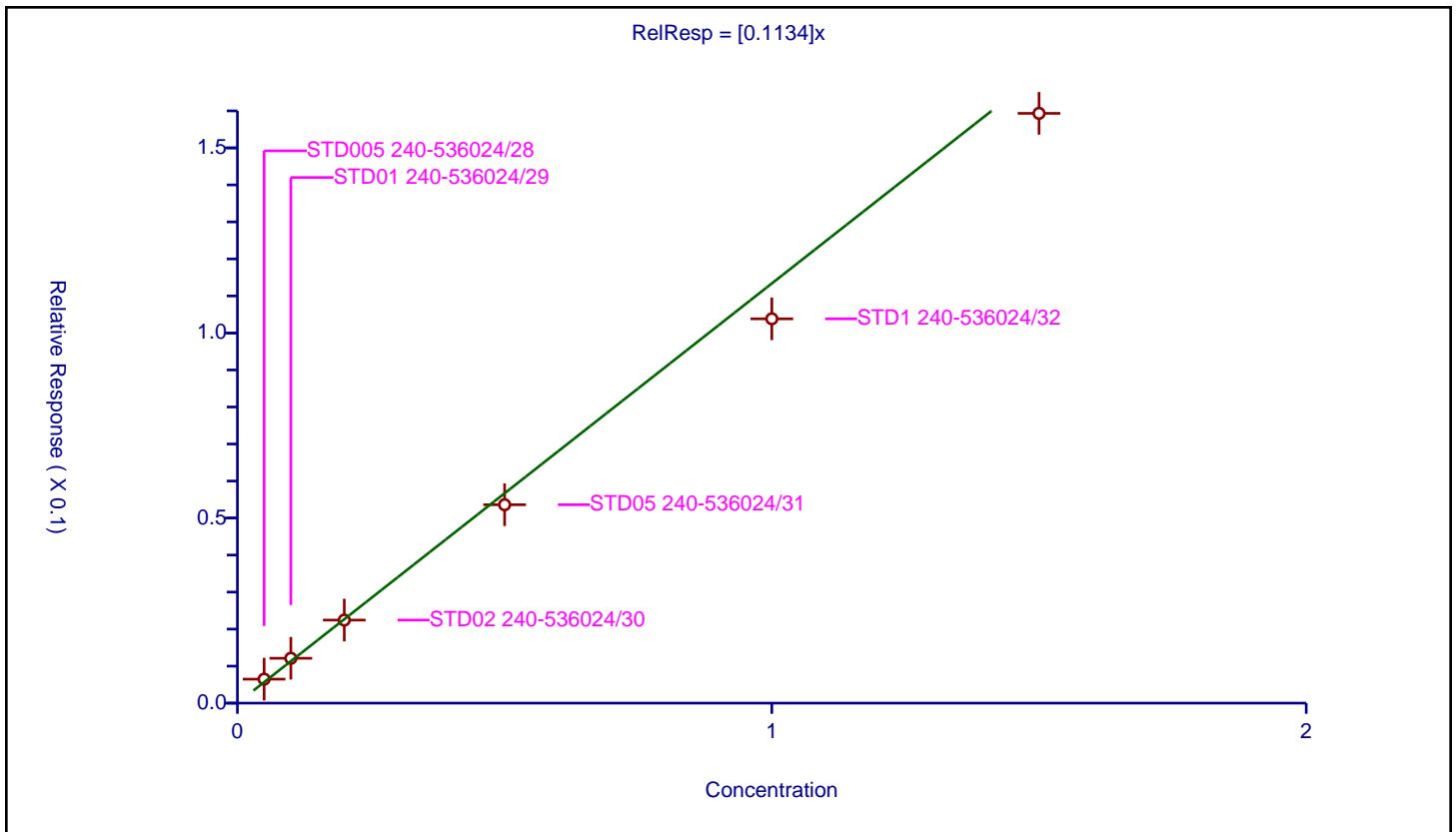
/ PCB-1016 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1134

Error Coefficients	
Standard Error:	85100000
Relative Standard Error:	8.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.00648	0.05	44405681.0	0.129603	Y
2	STD01 240-536024/29	0.1	0.012119	0.05	45671535.0	0.121194	Y
3	STD02 240-536024/30	0.2	0.02244	0.05	44530783.0	0.1122	Y
4	STD05 240-536024/31	0.5	0.053603	0.05	42664386.0	0.107205	Y
5	STD1 240-536024/32	1.0	0.103825	0.05	44528604.0	0.103825	Y
6	STD15 240-536024/33	1.5	0.159332	0.05	49637017.0	0.106221	Y



Calibration

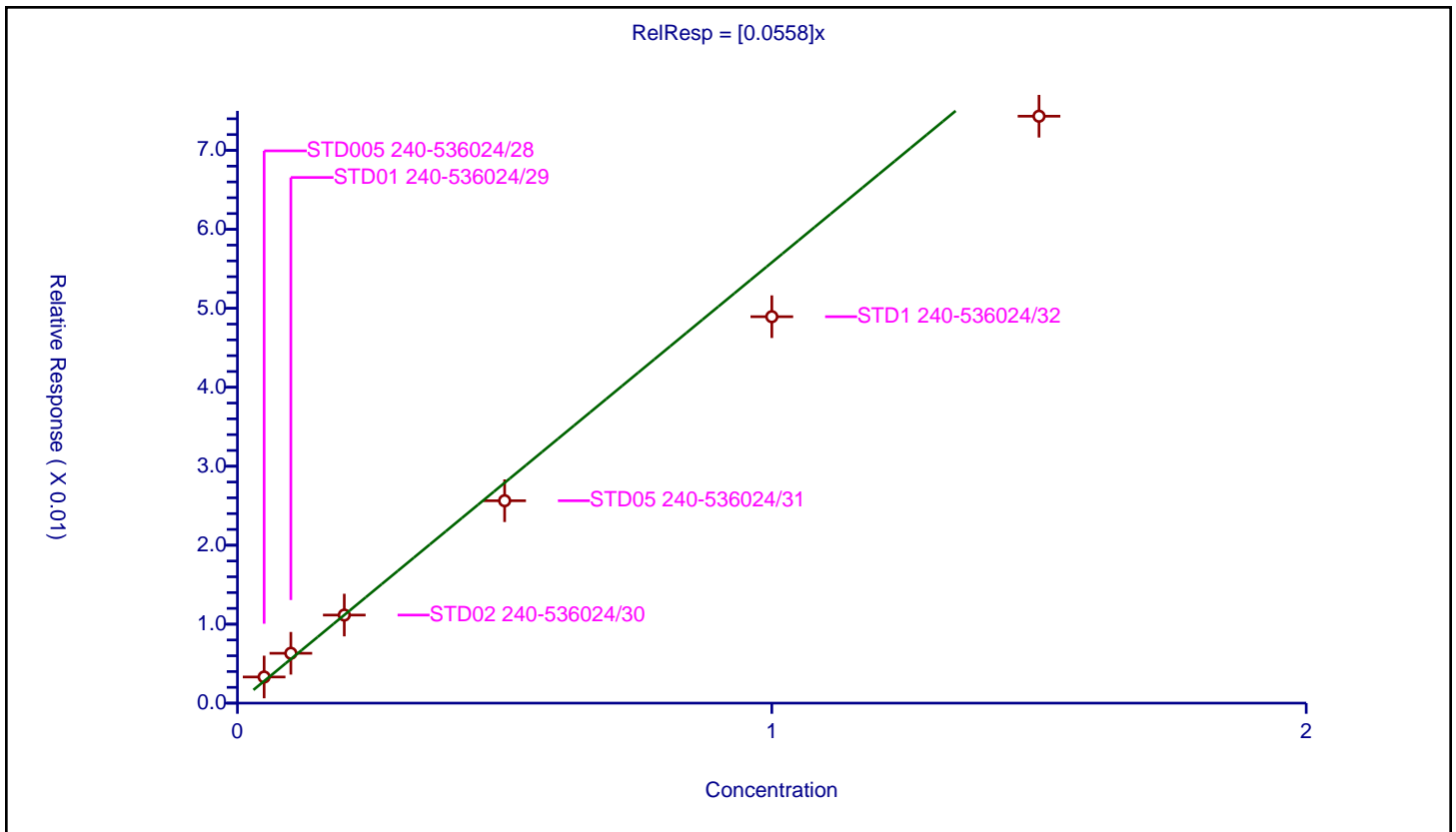
/ PCB-1016 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0558

Error Coefficients	
Standard Error:	39900000
Relative Standard Error:	13.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.00331	0.05	44405681.0	0.066207	Y
2	STD01 240-536024/29	0.1	0.006311	0.05	45671535.0	0.06311	Y
3	STD02 240-536024/30	0.2	0.011152	0.05	44530783.0	0.05576	Y
4	STD05 240-536024/31	0.5	0.025631	0.05	42664386.0	0.051263	Y
5	STD1 240-536024/32	1.0	0.048939	0.05	44528604.0	0.048939	Y
6	STD15 240-536024/33	1.5	0.074324	0.05	49637017.0	0.049549	Y



Calibration

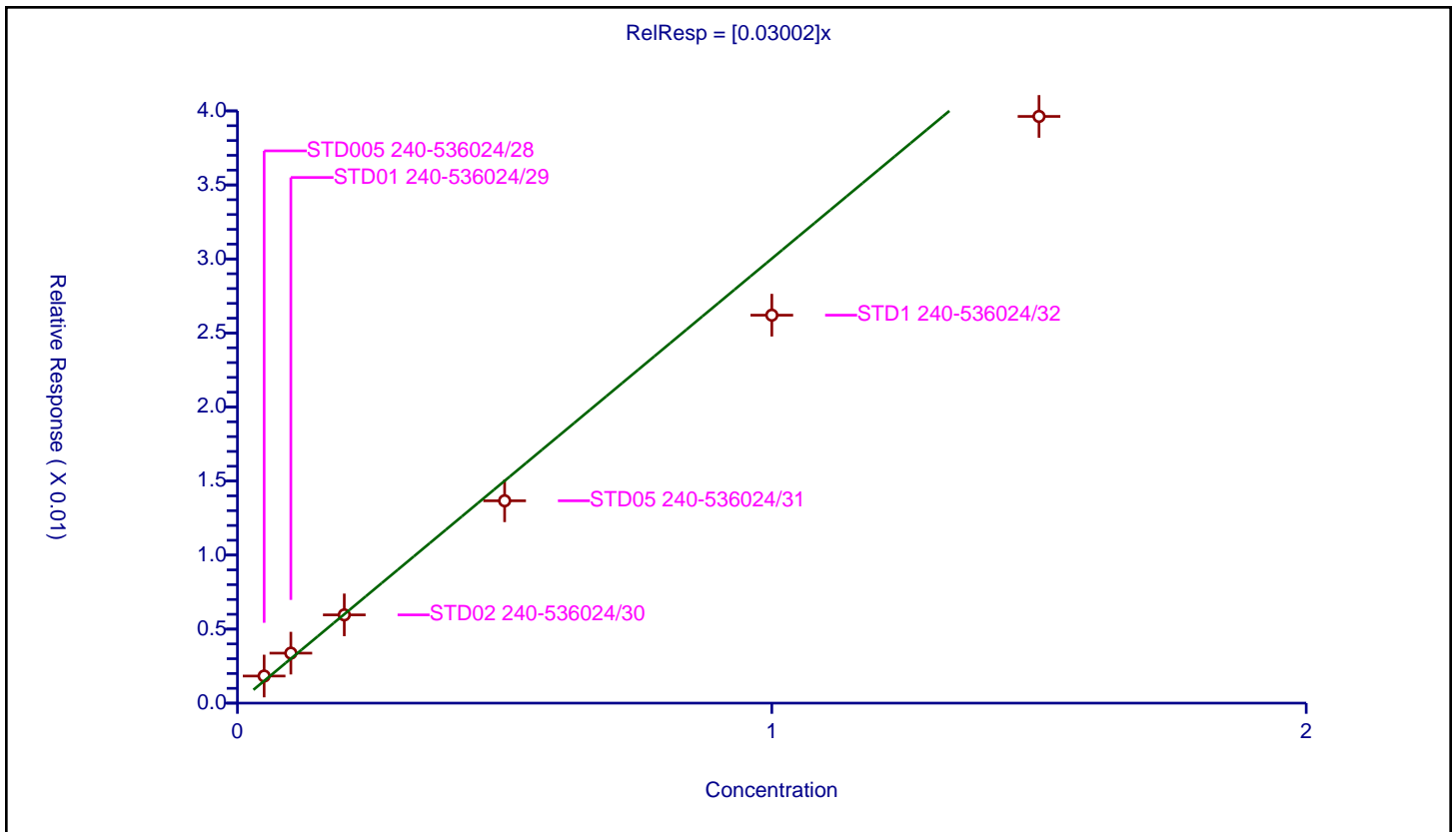
/ PCB-1016 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03002

Error Coefficients	
Standard Error:	21300000
Relative Standard Error:	14.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.001831	0.05	44405681.0	0.036622	Y
2	STD01 240-536024/29	0.1	0.003376	0.05	45671535.0	0.033757	Y
3	STD02 240-536024/30	0.2	0.00596	0.05	44530783.0	0.029801	Y
4	STD05 240-536024/31	0.5	0.013667	0.05	42664386.0	0.027333	Y
5	STD1 240-536024/32	1.0	0.026203	0.05	44528604.0	0.026203	Y
6	STD15 240-536024/33	1.5	0.039626	0.05	49637017.0	0.026417	Y



Calibration

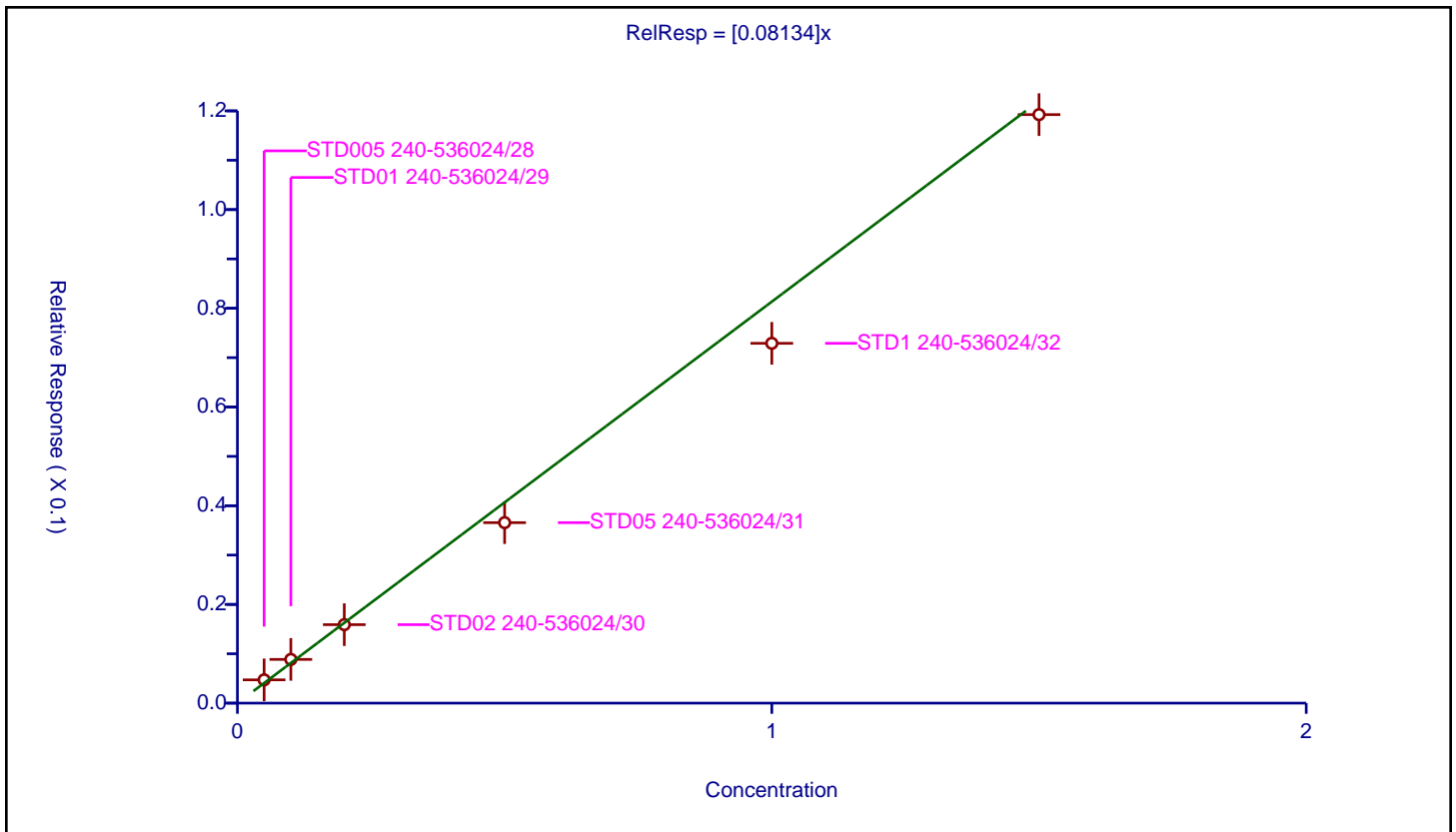
/ PCB-1260 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08134

Error Coefficients	
Standard Error:	62400000
Relative Standard Error:	10.6
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.00472	0.05	44405681.0	0.0944	Y
2	STD01 240-536024/29	0.1	0.00886	0.05	45671535.0	0.088597	Y
3	STD02 240-536024/30	0.2	0.015901	0.05	44530783.0	0.079503	Y
4	STD05 240-536024/31	0.5	0.036571	0.05	42664386.0	0.073141	Y
5	STD1 240-536024/32	1.0	0.072906	0.05	44528604.0	0.072906	Y
6	STD15 240-536024/33	1.5	0.119246	0.05	49637017.0	0.079498	Y



Calibration

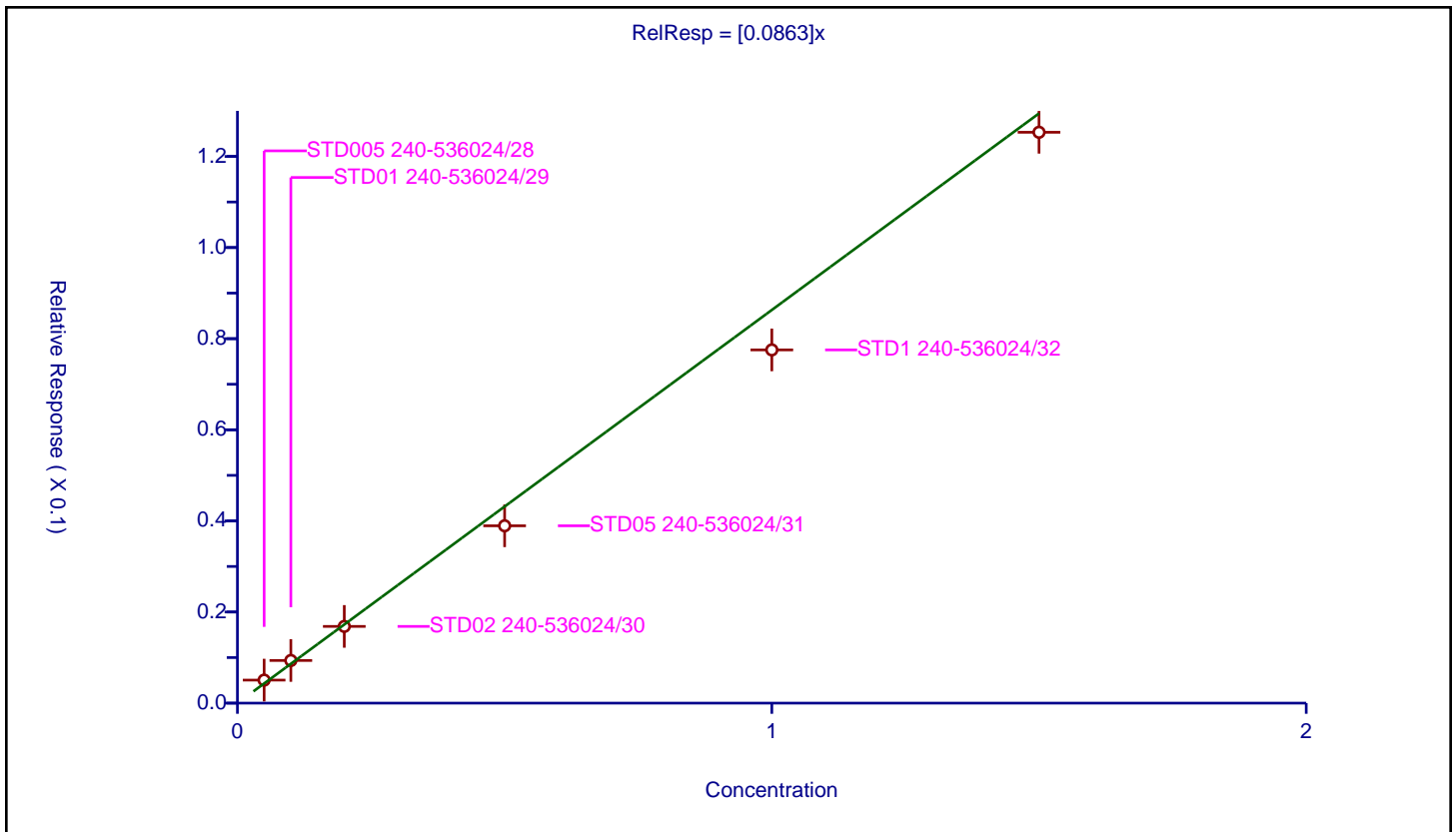
/ PCB-1260 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0863

Error Coefficients	
Standard Error:	65800000
Relative Standard Error:	10.8
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.005052	0.05	44405681.0	0.101049	Y
2	STD01 240-536024/29	0.1	0.00936	0.05	45671535.0	0.093602	Y
3	STD02 240-536024/30	0.2	0.016841	0.05	44530783.0	0.084204	Y
4	STD05 240-536024/31	0.5	0.038928	0.05	42664386.0	0.077856	Y
5	STD1 240-536024/32	1.0	0.077538	0.05	44528604.0	0.077538	Y
6	STD15 240-536024/33	1.5	0.125306	0.05	49637017.0	0.083537	Y



Calibration

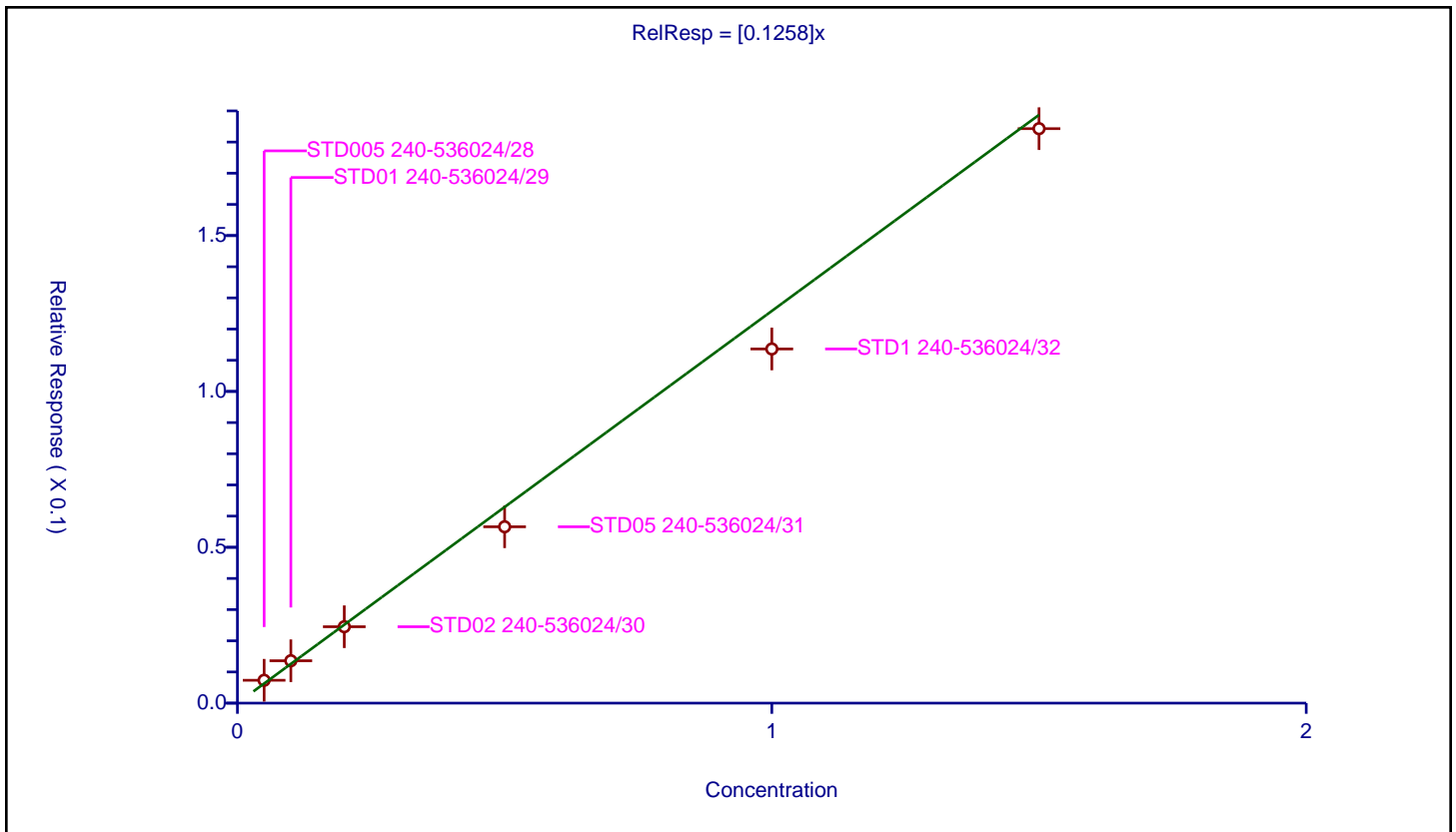
/ PCB-1260 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1258

Error Coefficients	
Standard Error:	96700000
Relative Standard Error:	10.5
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.007334	0.05	44405681.0	0.146676	Y
2	STD01 240-536024/29	0.1	0.013599	0.05	45671535.0	0.135987	Y
3	STD02 240-536024/30	0.2	0.024508	0.05	44530783.0	0.122538	Y
4	STD05 240-536024/31	0.5	0.05658	0.05	42664386.0	0.11316	Y
5	STD1 240-536024/32	1.0	0.113619	0.05	44528604.0	0.113619	Y
6	STD15 240-536024/33	1.5	0.184299	0.05	49637017.0	0.122866	Y



Calibration

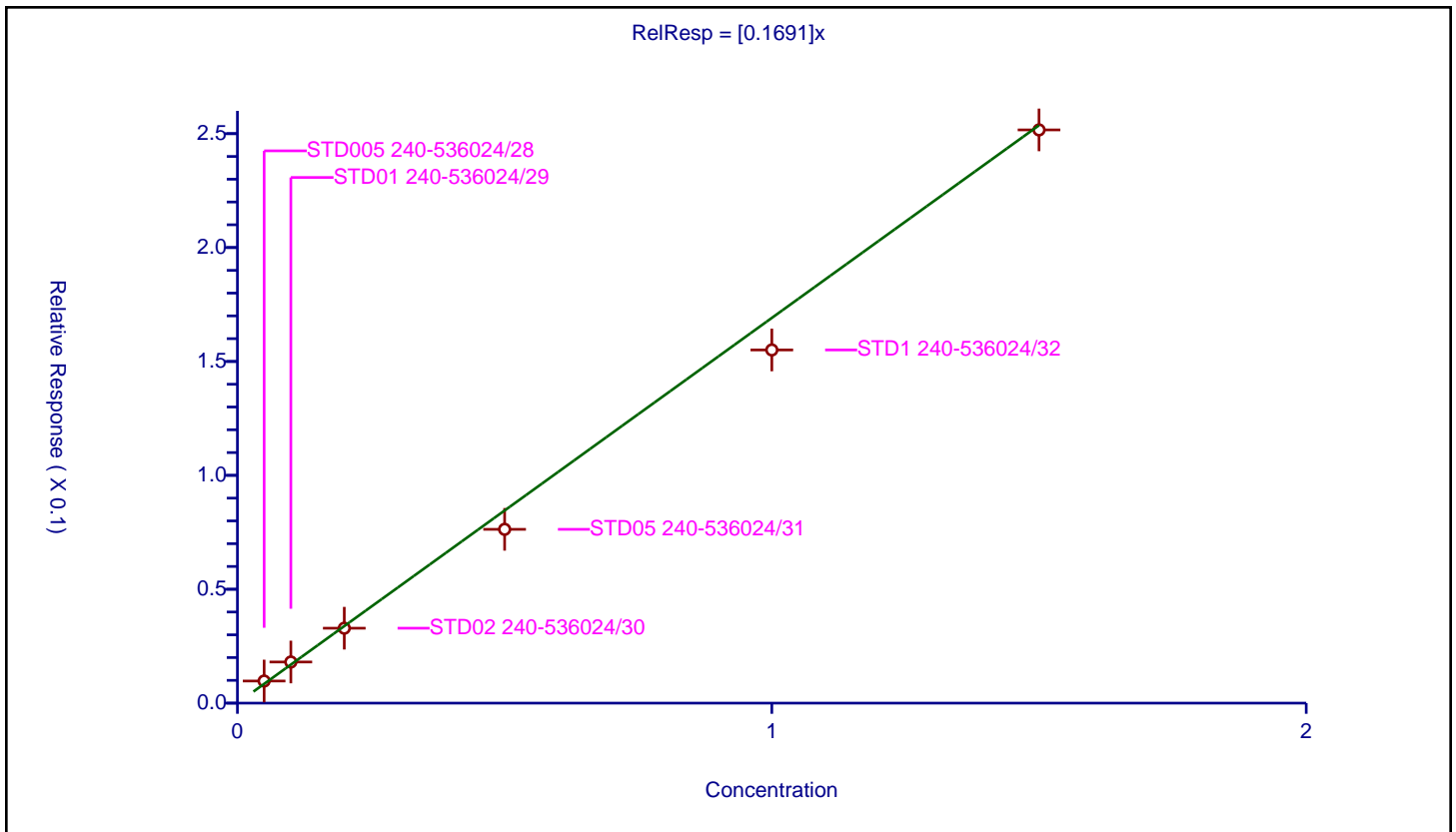
/ PCB-1260 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1691

Error Coefficients	
Standard Error:	132000000
Relative Standard Error:	9.4
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.009709	0.05	44405681.0	0.194178	Y
2	STD01 240-536024/29	0.1	0.018058	0.05	45671535.0	0.180578	Y
3	STD02 240-536024/30	0.2	0.032895	0.05	44530783.0	0.164473	Y
4	STD05 240-536024/31	0.5	0.076298	0.05	42664386.0	0.152597	Y
5	STD1 240-536024/32	1.0	0.155047	0.05	44528604.0	0.155047	Y
6	STD15 240-536024/33	1.5	0.251651	0.05	49637017.0	0.167767	Y



Calibration

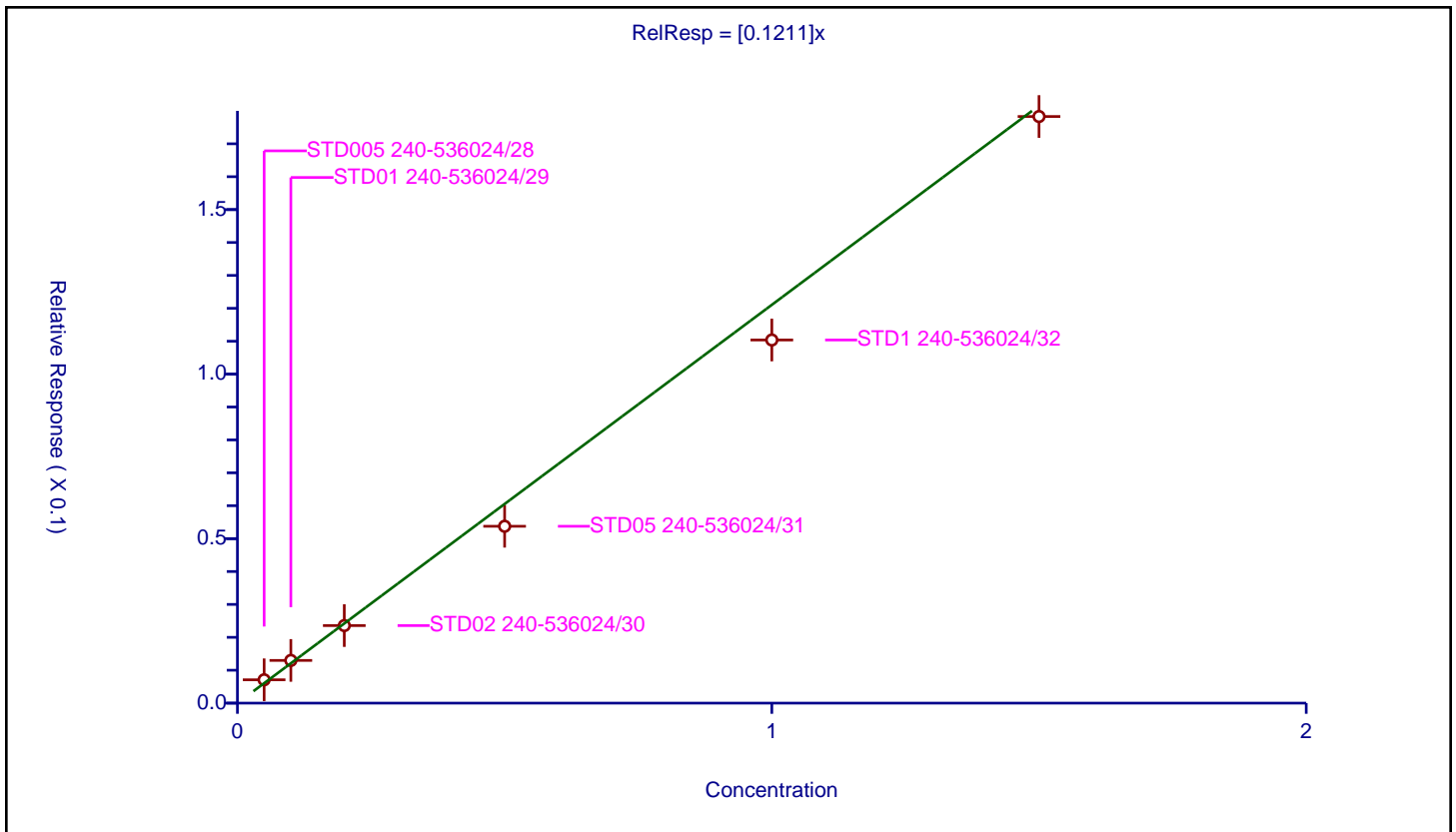
/ PCB-1260 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1211

Error Coefficients	
Standard Error:	93500000
Relative Standard Error:	10.6
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.05	0.007095	0.05	44405681.0	0.141899	Y
2	STD01 240-536024/29	0.1	0.012983	0.05	45671535.0	0.129832	Y
3	STD02 240-536024/30	0.2	0.02357	0.05	44530783.0	0.117849	Y
4	STD05 240-536024/31	0.5	0.053757	0.05	42664386.0	0.107514	Y
5	STD1 240-536024/32	1.0	0.110365	0.05	44528604.0	0.110365	Y
6	STD15 240-536024/33	1.5	0.178291	0.05	49637017.0	0.11886	Y



Calibration

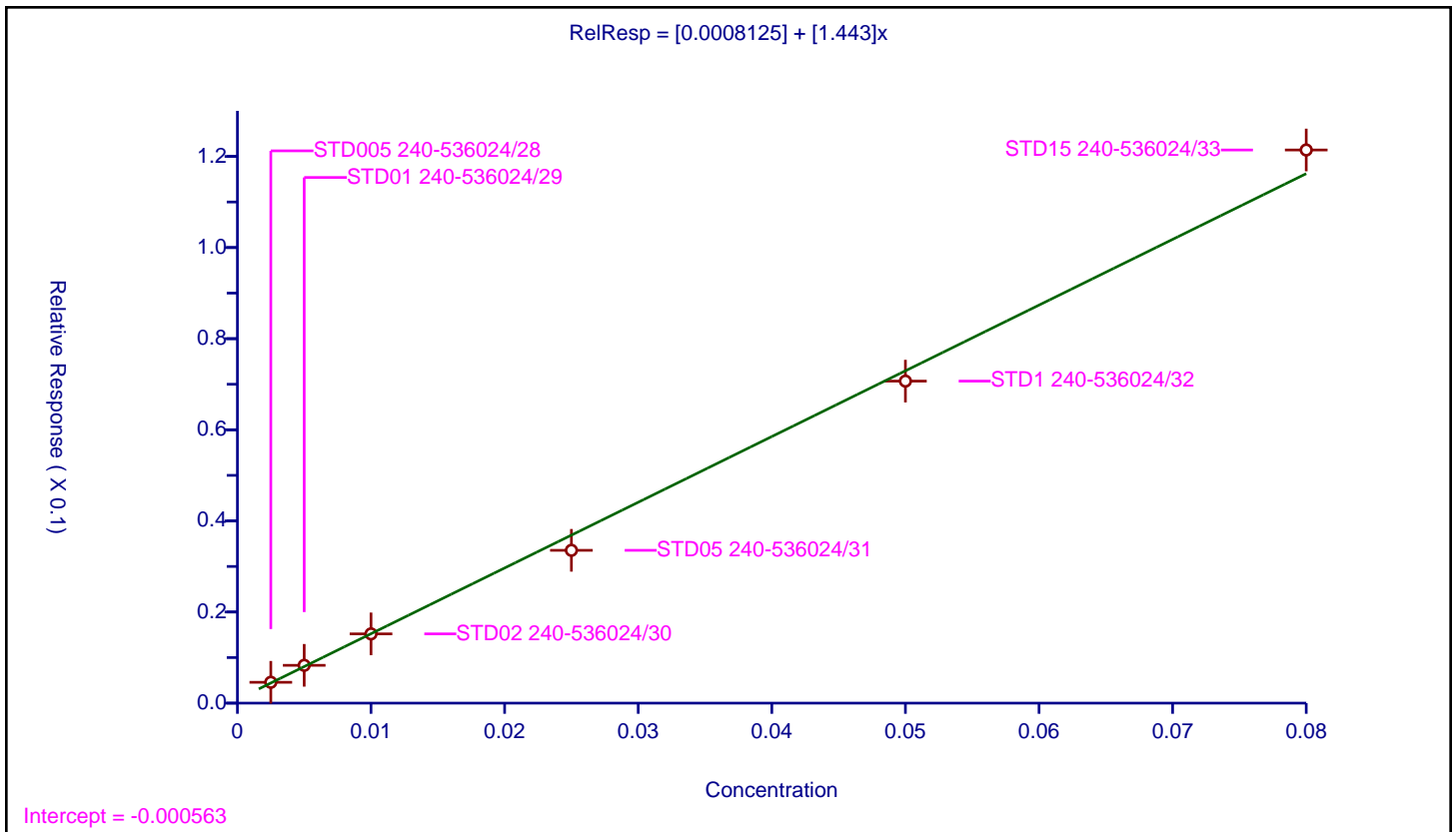
/ DCB Decachlorobiphenyl

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.0008125
Slope:	1.443

Error Coefficients	
Standard Error:	69900000
Relative Standard Error:	6.1
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-536024/28	0.0025	0.004575	0.05	44405681.0	1.829914	Y
2	STD01 240-536024/29	0.005	0.0083	0.05	45671535.0	1.660096	Y
3	STD02 240-536024/30	0.01	0.015201	0.05	44530783.0	1.520098	Y
4	STD05 240-536024/31	0.025	0.03354	0.05	42664386.0	1.341608	Y
5	STD1 240-536024/32	0.05	0.070685	0.05	44528604.0	1.413704	Y
6	STD15 240-536024/33	0.08	0.12142	0.05	49637017.0	1.517746	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 15:12 Calibration End Date: 06/06/2022 16:37 Calibration ID: 66085

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/4	P19060604.D
Level 2	STD01 240-529358/5	P19060605.D
Level 3	STD02 240-529358/6	P19060606.D
Level 4	STD05 240-529358/7	P19060607.D
Level 5	STD1 240-529358/8	P19060608.D
Level 6	STD15 240-529358/9	P19060609.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0249 0.0202	0.0246	0.0243	0.0220	0.0203	Ave		0.022 7			9.4		20.0				
PCB-1232 Peak 2	0.0183 0.0148	0.0176	0.0183	0.0168	0.0154	Ave		0.016 9			8.9		20.0				
PCB-1232 Peak 3	0.0380 0.0337	0.0375	0.0378	0.0350	0.0324	Ave		0.035 7			6.6		20.0				
PCB-1232 Peak 4	0.0177 0.0154	0.0173	0.0183	0.0166	0.0151	Ave		0.016 7			7.7		20.0				
PCB-1232 Peak 5	0.0105 0.0096	0.0103	0.0110	0.0101	0.0093	Ave		0.010 1			6.1		20.0				
PCB-1262 Peak 1	0.0446 0.0393	0.0434	0.0445	0.0410	0.0374	Ave		0.041 7			7.1		20.0				
PCB-1262 Peak 2	0.0865 0.0762	0.0771	0.0854	0.0801	0.0715	Ave		0.079 5			7.2		20.0				
PCB-1262 Peak 3	0.0796 0.0757	0.0774	0.0823	0.0786	0.0704	Ave		0.077 3			5.2		20.0				
PCB-1262 Peak 4	0.1610 0.1607	0.1620	0.1742	0.1647	0.1476	Ave		0.161 7			5.3		20.0				
PCB-1262 Peak 5	0.0675 0.0647	0.0663	0.0722	0.0655	0.0588	Ave		0.065 8			6.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53(mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 15:12 Calibration End Date: 06/06/2022 16:37 Calibration ID: 66085

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/4	P19060604.D
Level 2	STD01 240-529358/5	P19060605.D
Level 3	STD02 240-529358/6	P19060606.D
Level 4	STD05 240-529358/7	P19060607.D
Level 5	STD1 240-529358/8	P19060608.D
Level 6	STD15 240-529358/9	P19060609.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	1057091 22266675	1822563	3575402	7921870	15133896	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	778406 16255182	1301702	2695921	6065074	11424931	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	1612828 37113500	2776163	5570890	12607598	24127439	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	750857 16939005	1284323	2699514	5970543	11214485	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	444197 10600304	765237	1620026	3652305	6887096	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	1891321 43221724	3216726	6553482	14766909	27814107	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	3667477 83831906	5712564	12592529	28842222	53213088	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	3378191 83267514	5732494	12136194	28305666	52425782	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	6829533 176720615	12008356	25683088	59288515	109862133	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	2861871 71156485	4912762	10639356	23578817	43776967	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

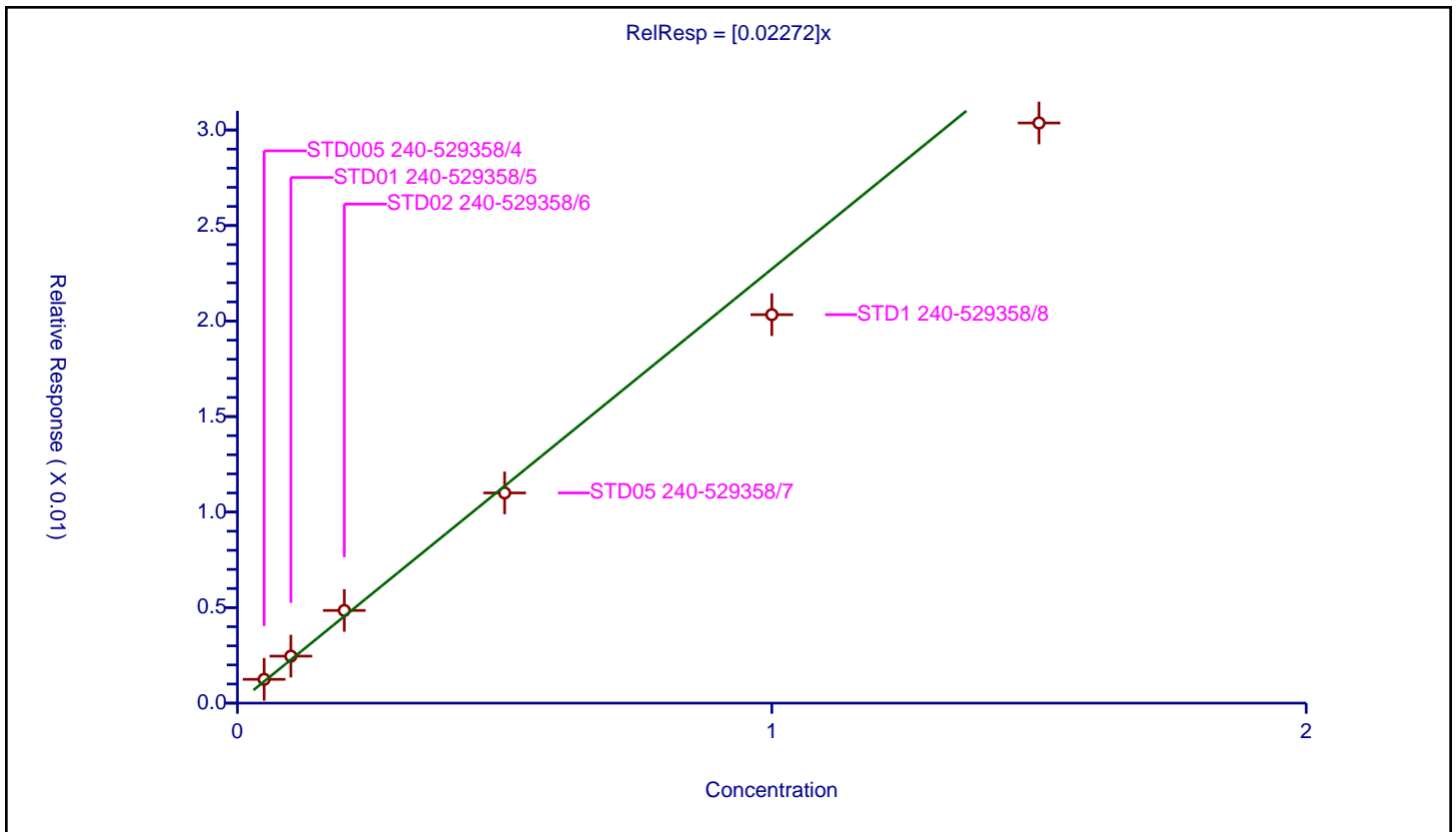
/ PCB-1232 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02272

Error Coefficients	
Standard Error:	12700000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.001246	0.05	42422135.0	0.024918	Y
2	STD01 240-529358/5	0.1	0.002459	0.05	37053301.0	0.024594	Y
3	STD02 240-529358/6	0.2	0.004851	0.05	36854241.0	0.024254	Y
4	STD05 240-529358/7	0.5	0.011003	0.05	35999821.0	0.022005	Y
5	STD1 240-529358/8	1.0	0.020334	0.05	37213616.0	0.020334	Y
6	STD15 240-529358/9	1.5	0.030367	0.05	36662701.0	0.020245	Y



Calibration

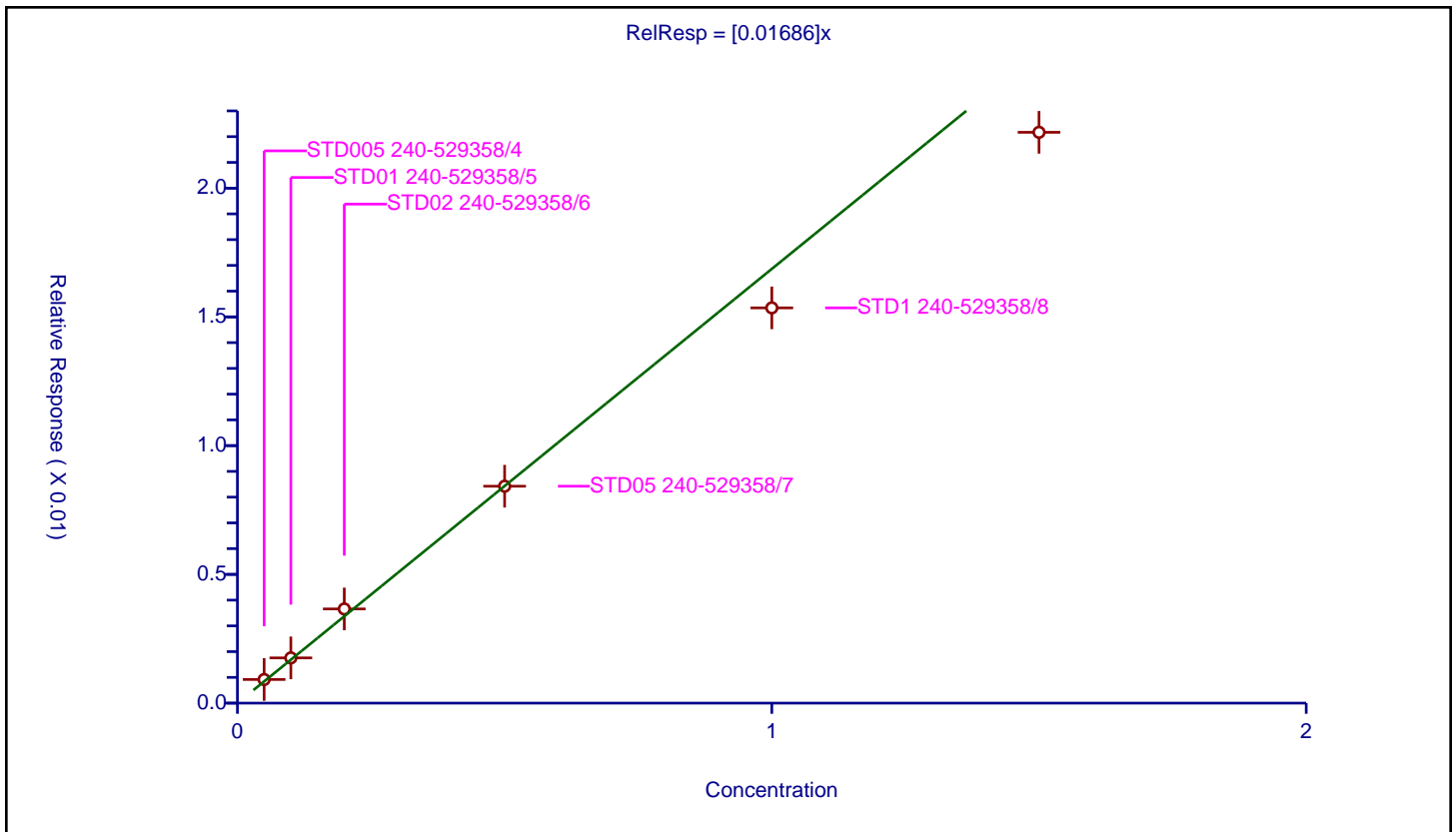
/ PCB-1232 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01686

Error Coefficients	
Standard Error:	9390000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.000917	0.05	42422135.0	0.018349	Y
2	STD01 240-529358/5	0.1	0.001757	0.05	37053301.0	0.017565	Y
3	STD02 240-529358/6	0.2	0.003658	0.05	36854241.0	0.018288	Y
4	STD05 240-529358/7	0.5	0.008424	0.05	35999821.0	0.016848	Y
5	STD1 240-529358/8	1.0	0.01535	0.05	37213616.0	0.01535	Y
6	STD15 240-529358/9	1.5	0.022169	0.05	36662701.0	0.014779	Y



Calibration

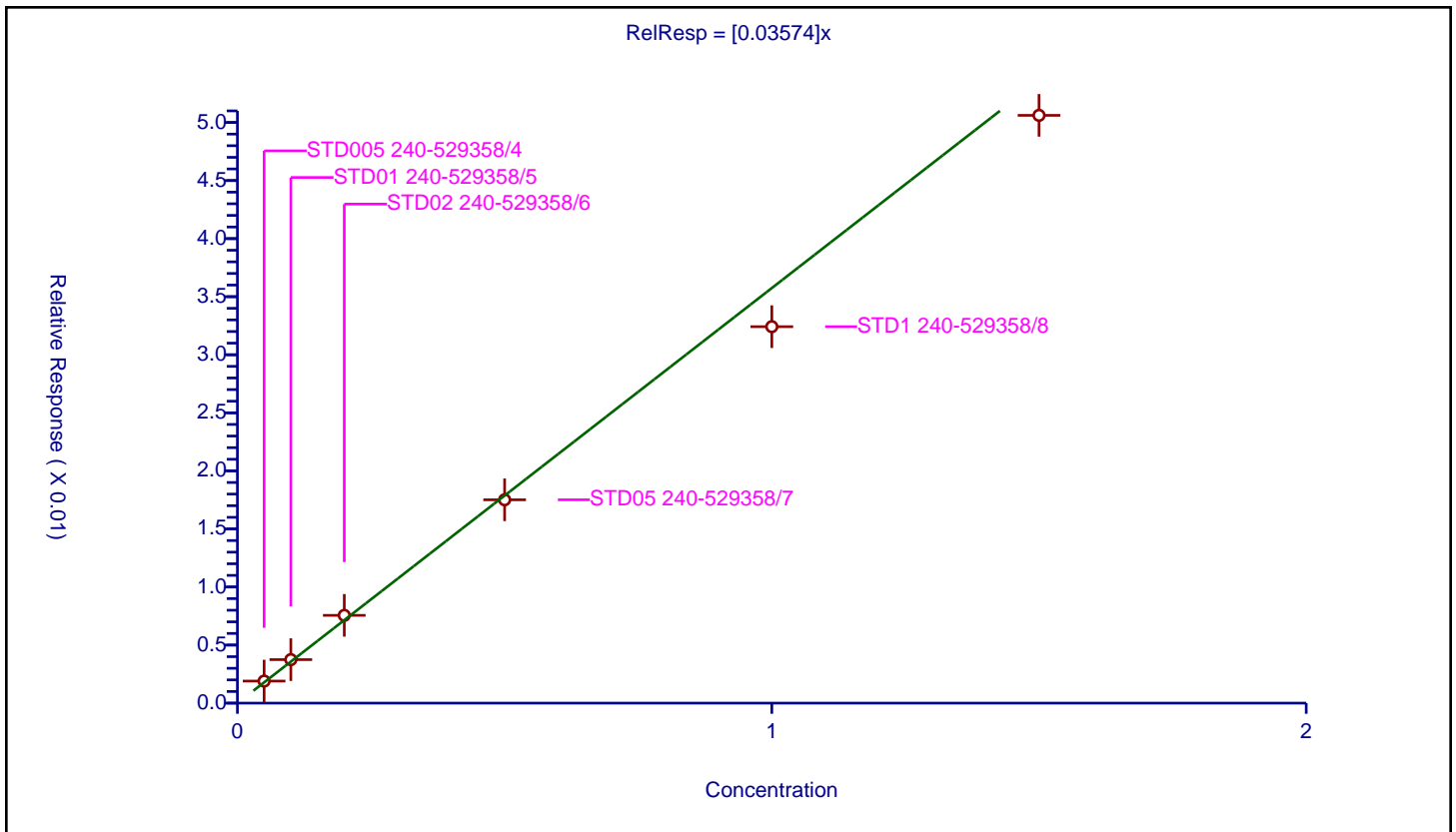
/ PCB-1232 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03574

Error Coefficients	
Standard Error:	20800000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.001901	0.05	42422135.0	0.038019	Y
2	STD01 240-529358/5	0.1	0.003746	0.05	37053301.0	0.037462	Y
3	STD02 240-529358/6	0.2	0.007558	0.05	36854241.0	0.03779	Y
4	STD05 240-529358/7	0.5	0.017511	0.05	35999821.0	0.035021	Y
5	STD1 240-529358/8	1.0	0.032417	0.05	37213616.0	0.032417	Y
6	STD15 240-529358/9	1.5	0.050615	0.05	36662701.0	0.033743	Y



Calibration

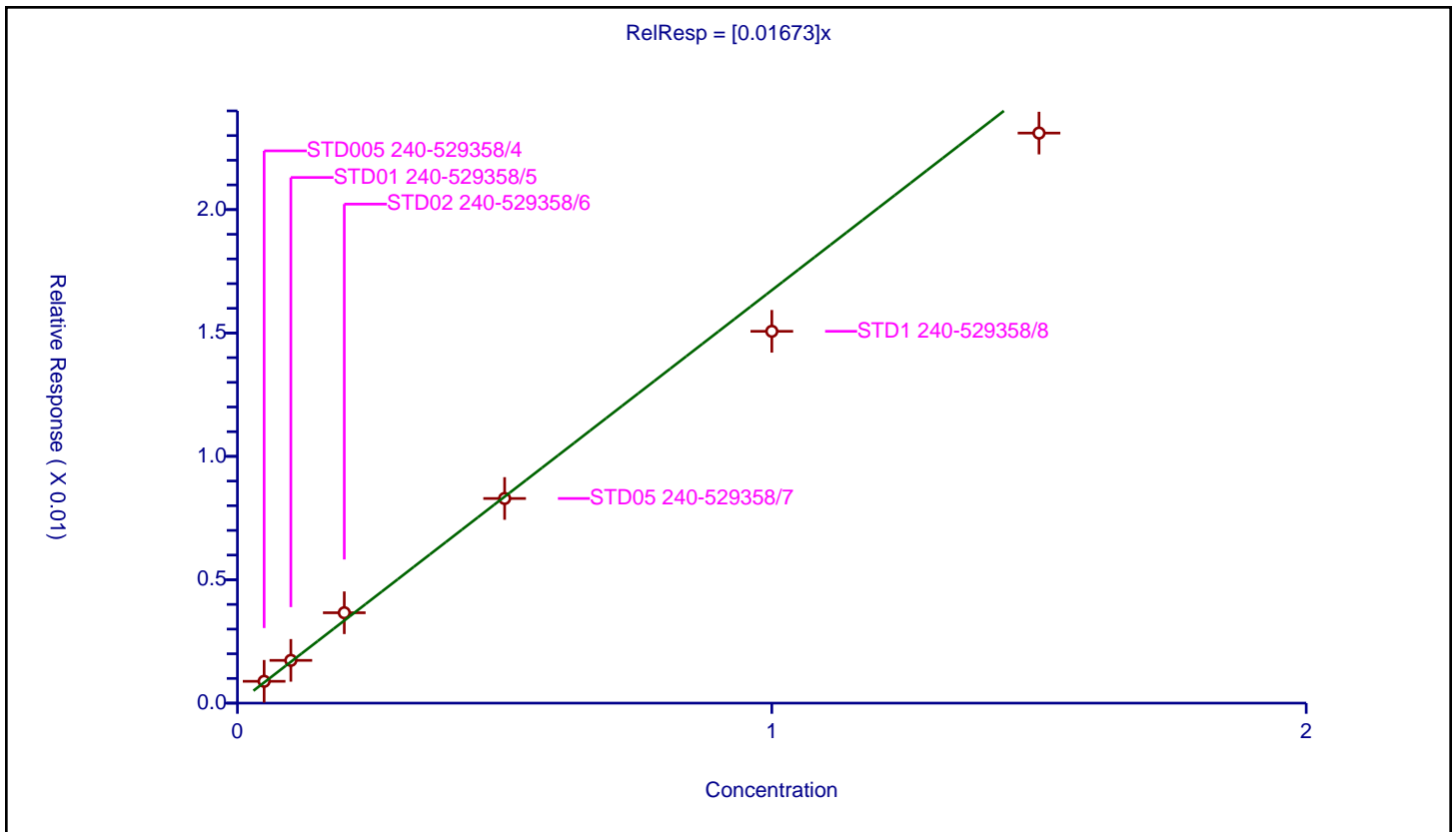
/ PCB-1232 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01673

Error Coefficients	
Standard Error:	9570000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.000885	0.05	42422135.0	0.0177	Y
2	STD01 240-529358/5	0.1	0.001733	0.05	37053301.0	0.017331	Y
3	STD02 240-529358/6	0.2	0.003662	0.05	36854241.0	0.018312	Y
4	STD05 240-529358/7	0.5	0.008292	0.05	35999821.0	0.016585	Y
5	STD1 240-529358/8	1.0	0.015068	0.05	37213616.0	0.015068	Y
6	STD15 240-529358/9	1.5	0.023101	0.05	36662701.0	0.015401	Y



Calibration

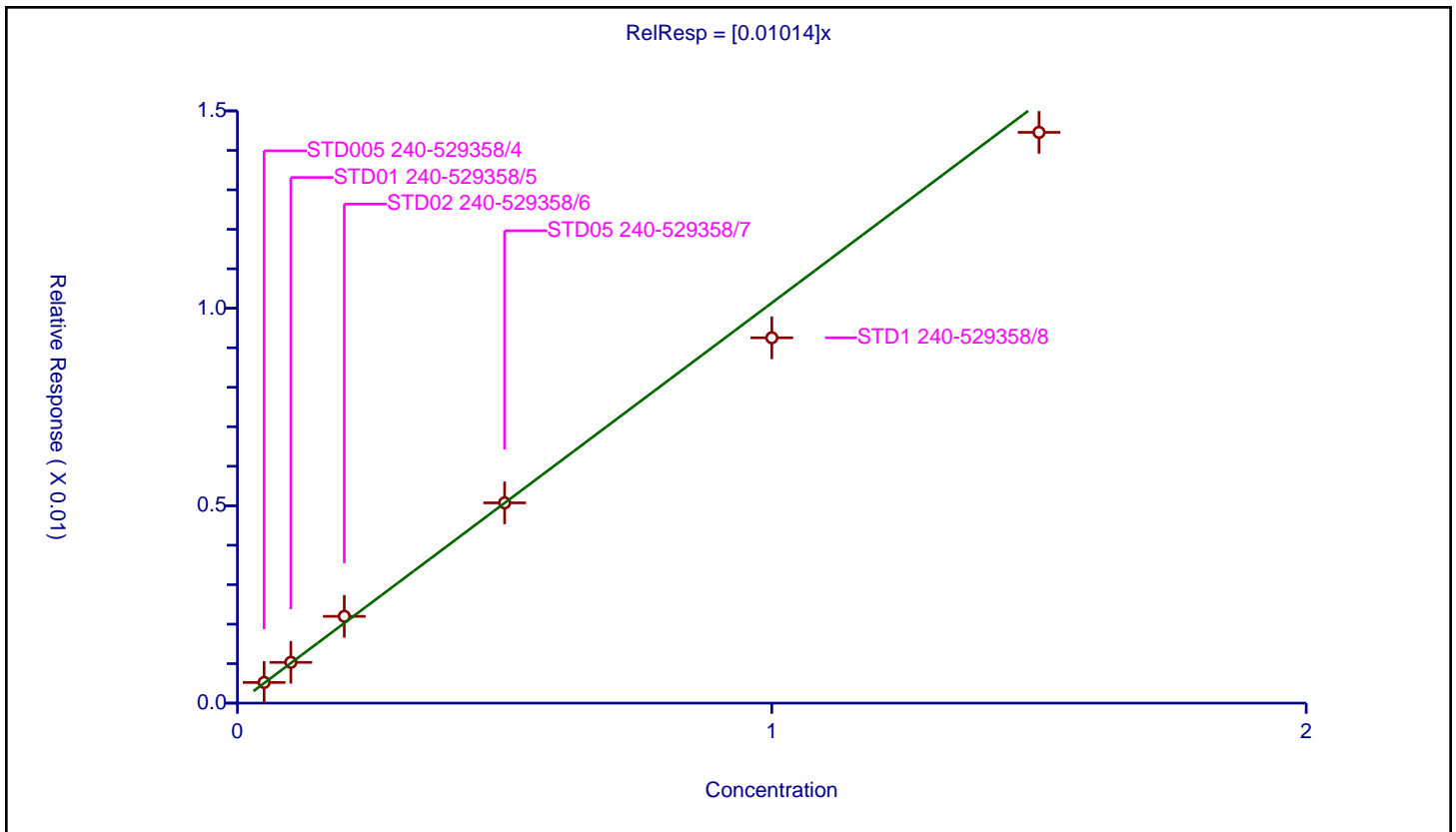
/ PCB-1232 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01014

Error Coefficients	
Standard Error:	5940000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.000524	0.05	42422135.0	0.010471	Y
2	STD01 240-529358/5	0.1	0.001033	0.05	37053301.0	0.010326	Y
3	STD02 240-529358/6	0.2	0.002198	0.05	36854241.0	0.010989	Y
4	STD05 240-529358/7	0.5	0.005073	0.05	35999821.0	0.010145	Y
5	STD1 240-529358/8	1.0	0.009253	0.05	37213616.0	0.009253	Y
6	STD15 240-529358/9	1.5	0.014457	0.05	36662701.0	0.009638	Y



Calibration

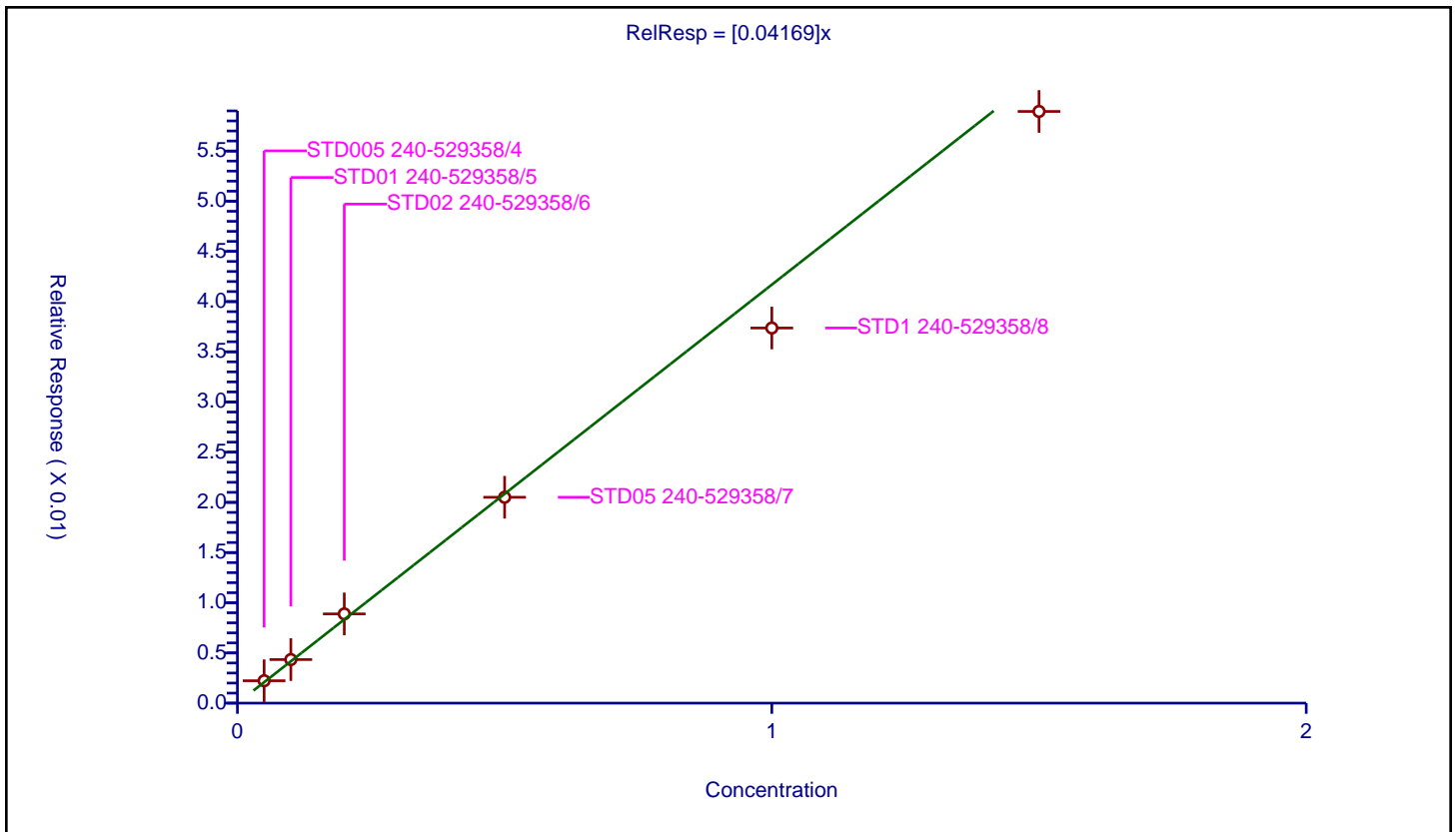
/ PCB-1262 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04169

Error Coefficients	
Standard Error:	24200000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.002229	0.05	42422135.0	0.044583	Y
2	STD01 240-529358/5	0.1	0.004341	0.05	37053301.0	0.043407	Y
3	STD02 240-529358/6	0.2	0.008891	0.05	36854241.0	0.044455	Y
4	STD05 240-529358/7	0.5	0.02051	0.05	35999821.0	0.041019	Y
5	STD1 240-529358/8	1.0	0.037371	0.05	37213616.0	0.037371	Y
6	STD15 240-529358/9	1.5	0.058945	0.05	36662701.0	0.039297	Y



Calibration

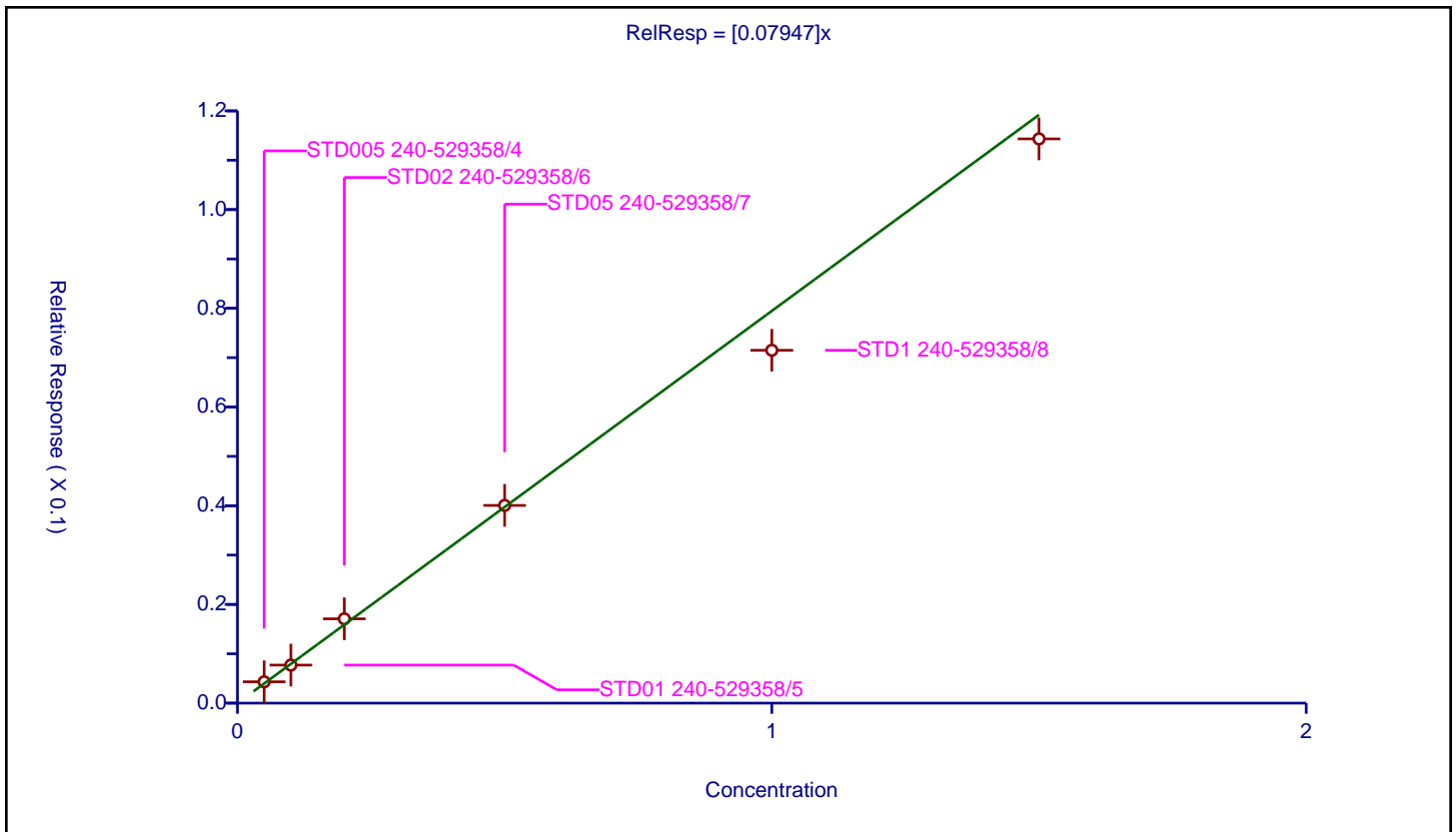
/ PCB-1262 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07947

Error Coefficients	
Standard Error:	46700000
Relative Standard Error:	7.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.004323	0.05	42422135.0	0.086452	Y
2	STD01 240-529358/5	0.1	0.007709	0.05	37053301.0	0.077086	Y
3	STD02 240-529358/6	0.2	0.017084	0.05	36854241.0	0.085421	Y
4	STD05 240-529358/7	0.5	0.040059	0.05	35999821.0	0.080118	Y
5	STD1 240-529358/8	1.0	0.071497	0.05	37213616.0	0.071497	Y
6	STD15 240-529358/9	1.5	0.114329	0.05	36662701.0	0.076219	Y



Calibration

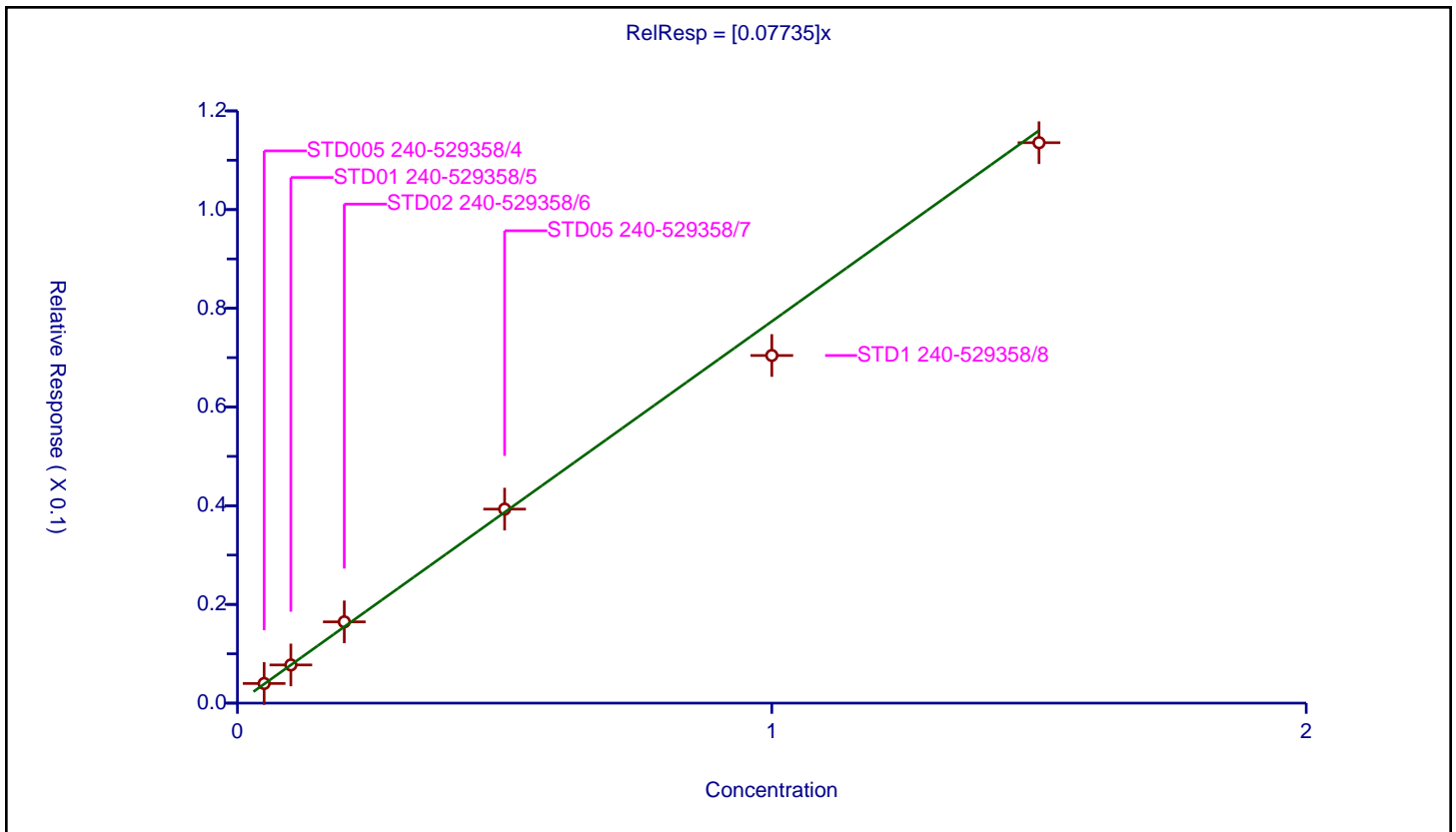
/ PCB-1262 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07735

Error Coefficients	
Standard Error:	46200000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.003982	0.05	42422135.0	0.079633	Y
2	STD01 240-529358/5	0.1	0.007735	0.05	37053301.0	0.077355	Y
3	STD02 240-529358/6	0.2	0.016465	0.05	36854241.0	0.082326	Y
4	STD05 240-529358/7	0.5	0.039314	0.05	35999821.0	0.078627	Y
5	STD1 240-529358/8	1.0	0.070439	0.05	37213616.0	0.070439	Y
6	STD15 240-529358/9	1.5	0.113559	0.05	36662701.0	0.075706	Y



Calibration

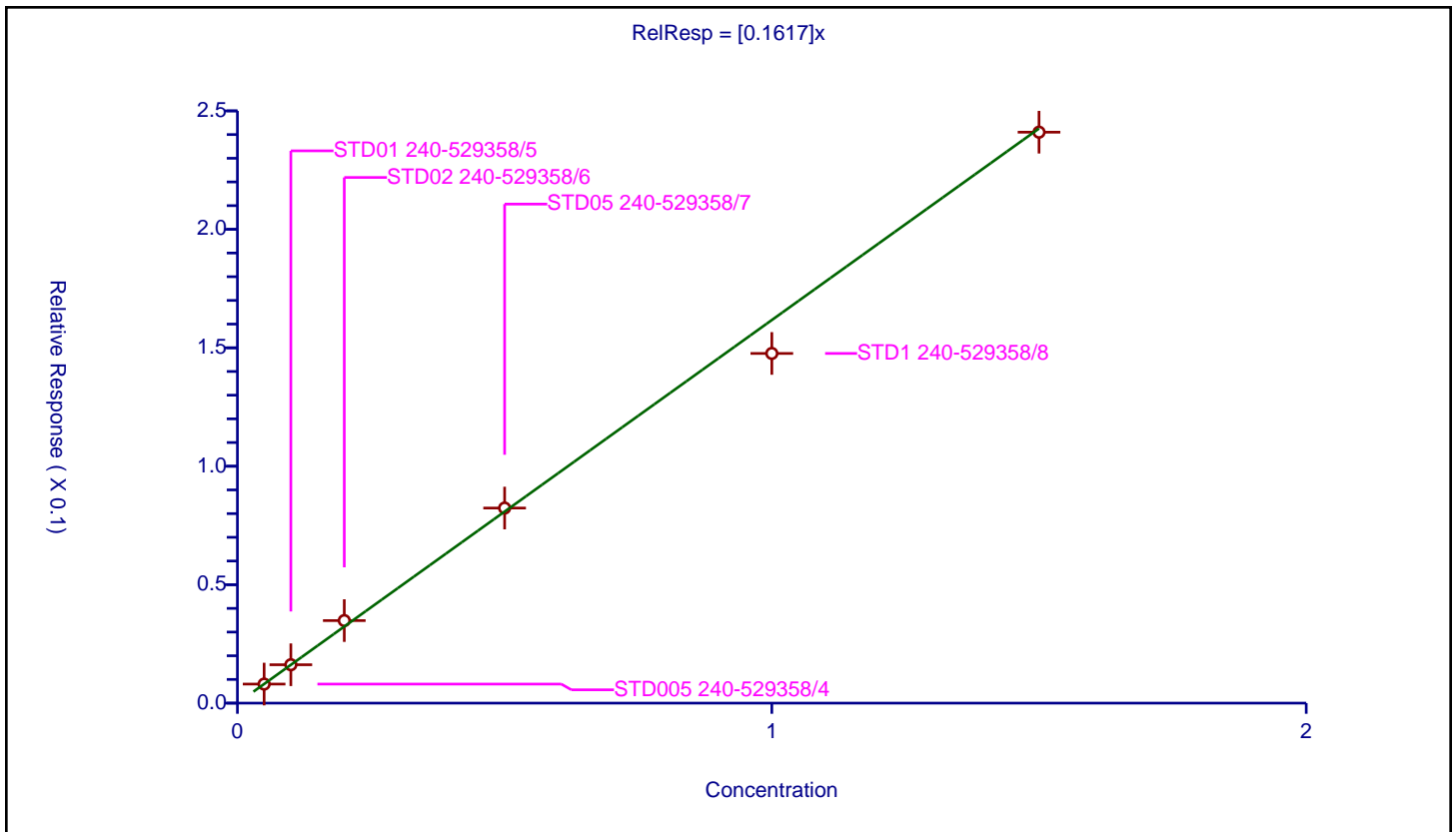
/ PCB-1262 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1617

Error Coefficients	
Standard Error:	97600000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.008049	0.05	42422135.0	0.16099	Y
2	STD01 240-529358/5	0.1	0.016204	0.05	37053301.0	0.162042	Y
3	STD02 240-529358/6	0.2	0.034844	0.05	36854241.0	0.174221	Y
4	STD05 240-529358/7	0.5	0.082346	0.05	35999821.0	0.164691	Y
5	STD1 240-529358/8	1.0	0.14761	0.05	37213616.0	0.14761	Y
6	STD15 240-529358/9	1.5	0.241009	0.05	36662701.0	0.160672	Y



Calibration

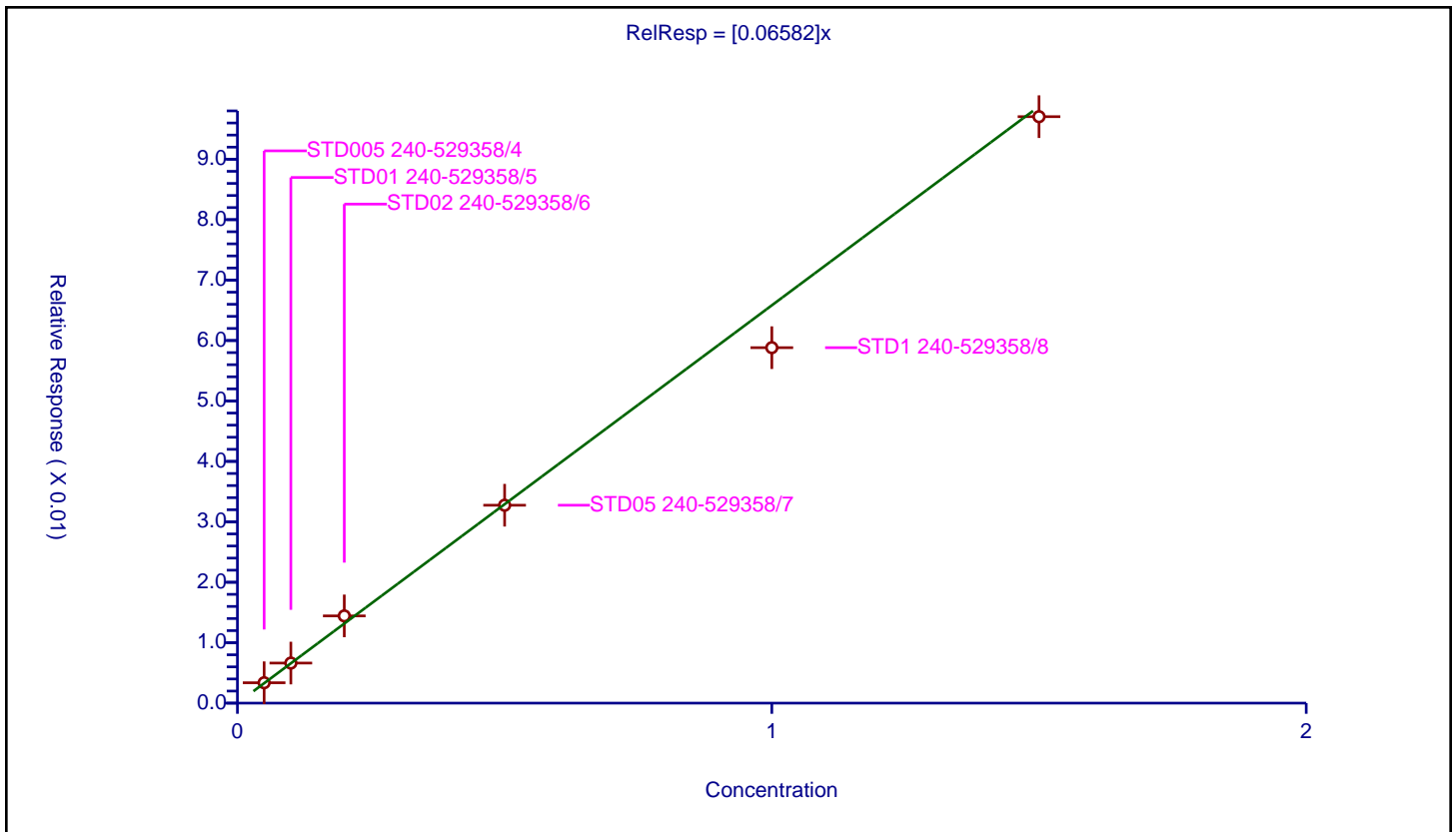
/ PCB-1262 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06582

Error Coefficients	
Standard Error:	39200000
Relative Standard Error:	6.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.003373	0.05	42422135.0	0.067462	Y
2	STD01 240-529358/5	0.1	0.006629	0.05	37053301.0	0.066293	Y
3	STD02 240-529358/6	0.2	0.014434	0.05	36854241.0	0.072172	Y
4	STD05 240-529358/7	0.5	0.032749	0.05	35999821.0	0.065497	Y
5	STD1 240-529358/8	1.0	0.058818	0.05	37213616.0	0.058818	Y
6	STD15 240-529358/9	1.5	0.097042	0.05	36662701.0	0.064695	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 15:12 Calibration End Date: 06/06/2022 16:37 Calibration ID: 66086

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/4	P19060604.D
Level 2	STD01 240-529358/5	P19060605.D
Level 3	STD02 240-529358/6	P19060606.D
Level 4	STD05 240-529358/7	P19060607.D
Level 5	STD1 240-529358/8	P19060608.D
Level 6	STD15 240-529358/9	P19060609.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0286 0.0212	0.0272	0.0257	0.0232	0.0213	Ave		0.024 5			12.7		20.0				
PCB-1232 Peak 2	0.0235 0.0176	0.0226	0.0219	0.0195	0.0176	Ave		0.020 4			12.7		20.0				
PCB-1232 Peak 3	0.0422 0.0362	0.0416	0.0405	0.0373	0.0351	Ave		0.038 8			7.7		20.0				
PCB-1232 Peak 4	0.0203 0.0165	0.0187	0.0190	0.0176	0.0157	Ave		0.017 9			9.4		20.0				
PCB-1232 Peak 5	0.0101 0.0079	0.0098	0.0101	0.0087	0.0075	Ave		0.009 0			12.7		20.0				
PCB-1262 Peak 1	0.0557 0.0481	0.0550	0.0554	0.0510	0.0451	Ave		0.051 7			8.5		20.0				
PCB-1262 Peak 2	0.0585 0.0518	0.0579	0.0586	0.0538	0.0478	Ave		0.054 7			8.1		20.0				
PCB-1262 Peak 3	0.0872 0.0810	0.0858	0.0889	0.0849	0.0748	Ave		0.083 8			6.1		20.0				
PCB-1262 Peak 4	0.1615 0.1618	0.1622	0.1749	0.1640	0.1468	Ave		0.161 9			5.5		20.0				
PCB-1262 Peak 5	0.1235 0.1202	0.1220	0.1303	0.1216	0.1091	Ave		0.121 1			5.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 15:12 Calibration End Date: 06/06/2022 16:37 Calibration ID: 66086

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/4	P19060604.D
Level 2	STD01 240-529358/5	P19060605.D
Level 3	STD02 240-529358/6	P19060606.D
Level 4	STD05 240-529358/7	P19060607.D
Level 5	STD1 240-529358/8	P19060608.D
Level 6	STD15 240-529358/9	P19060609.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	1346708 25860218	2213202	4198654	9187786	17560398	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	1107242 21428230	1838111	3565279	7716916	14488575	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	1988726 44199373	3378021	6599782	14779492	28888847	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	954825 20114704	1516489	3091453	6960627	12931728	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	475952 9582523	800204	1643387	3467374	6209215	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	2626158 58617360	4471632	9031756	20221445	37197836	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	2758253 63147360	4708967	9553075	21355404	39395037	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	4107475 98779559	6971913	14507532	33657810	61653562	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	7610461 197314059	13184208	28524716	65033715	120956199	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	5817356 146573313	9911125	21247601	48230084	89943306	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

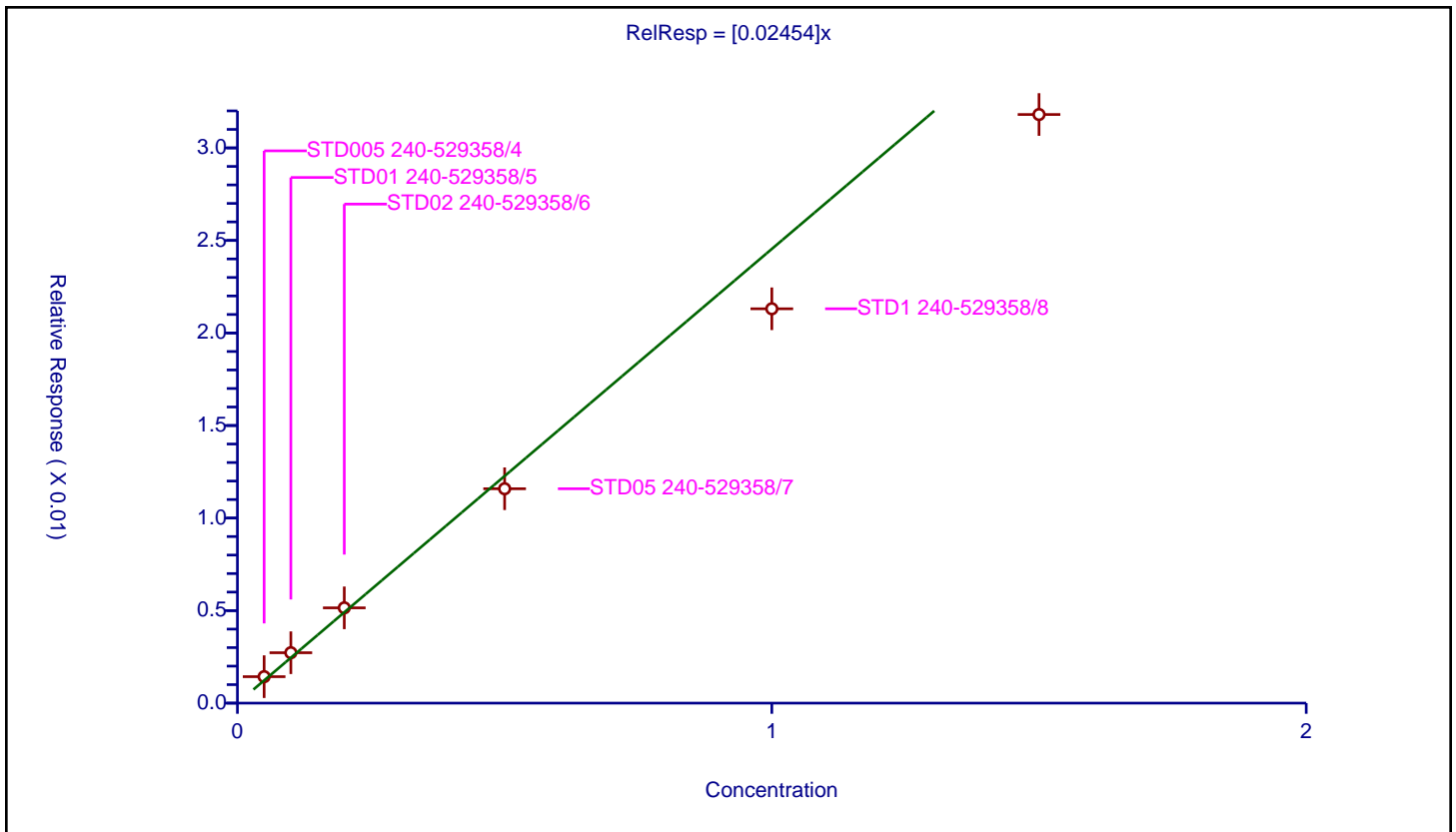
/ PCB-1232 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02454

Error Coefficients	
Standard Error:	14700000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.001429	0.05	47112699.0	0.028585	Y
2	STD01 240-529358/5	0.1	0.002723	0.05	40632821.0	0.027234	Y
3	STD02 240-529358/6	0.2	0.005148	0.05	40777271.0	0.025741	Y
4	STD05 240-529358/7	0.5	0.011583	0.05	39659854.0	0.023166	Y
5	STD1 240-529358/8	1.0	0.021307	0.05	41207934.0	0.021307	Y
6	STD15 240-529358/9	1.5	0.031804	0.05	40655937.0	0.021202	Y



Calibration

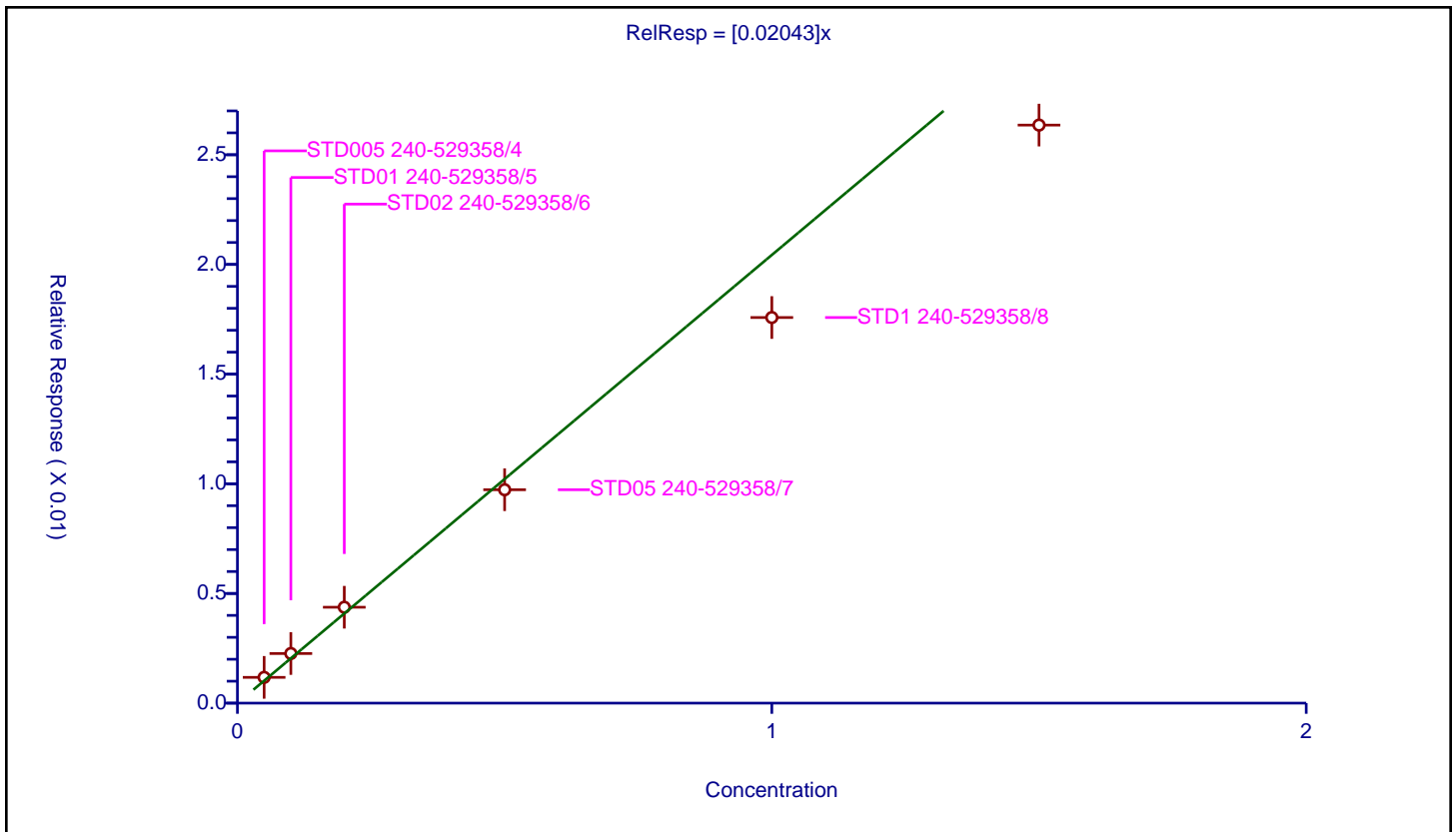
/ PCB-1232 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02043

Error Coefficients	
Standard Error:	12200000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.001175	0.05	47112699.0	0.023502	Y
2	STD01 240-529358/5	0.1	0.002262	0.05	40632821.0	0.022619	Y
3	STD02 240-529358/6	0.2	0.004372	0.05	40777271.0	0.021858	Y
4	STD05 240-529358/7	0.5	0.009729	0.05	39659854.0	0.019458	Y
5	STD1 240-529358/8	1.0	0.01758	0.05	41207934.0	0.01758	Y
6	STD15 240-529358/9	1.5	0.026353	0.05	40655937.0	0.017569	Y



Calibration

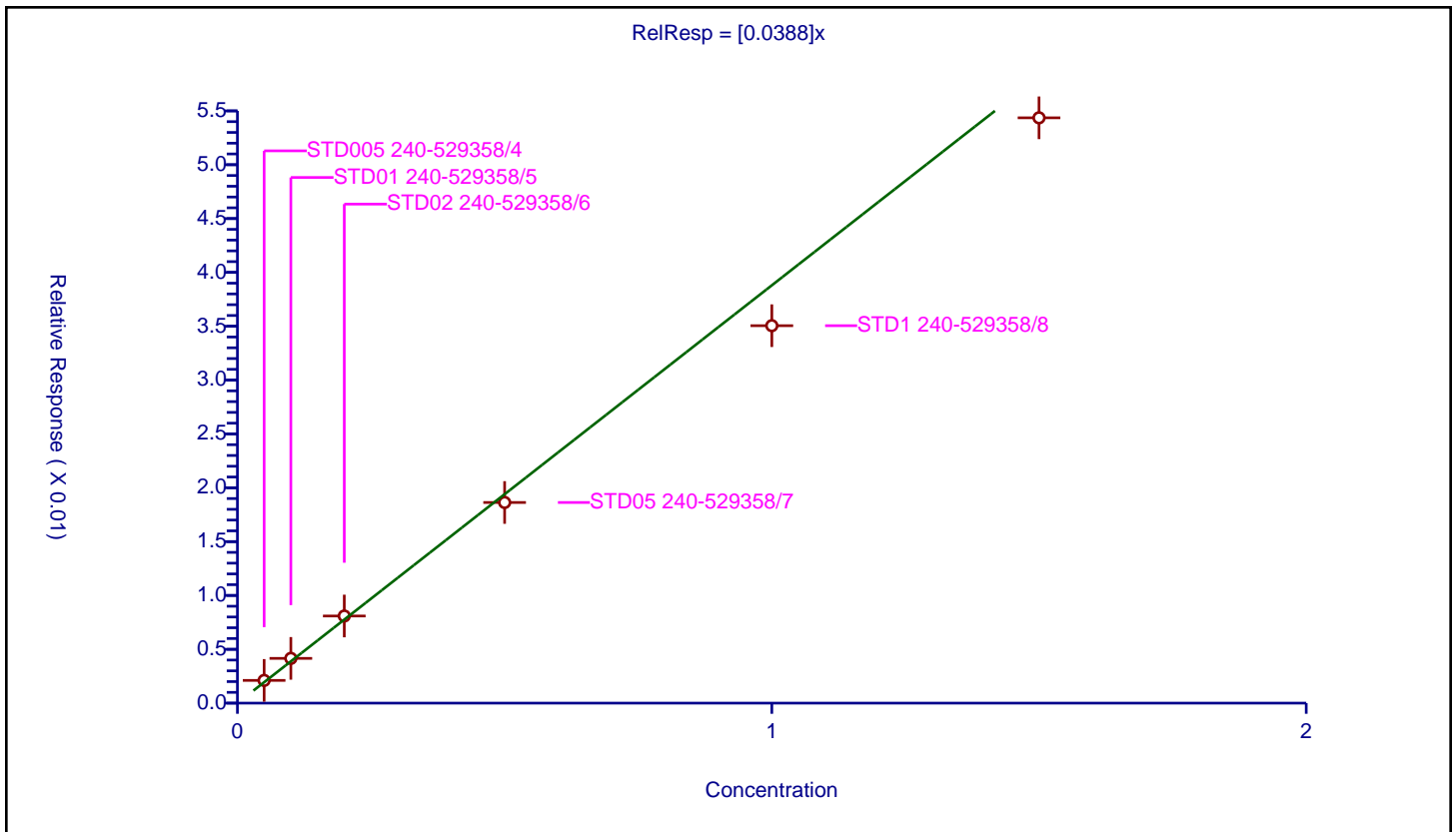
/ PCB-1232 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0388

Error Coefficients	
Standard Error:	24800000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.002111	0.05	47112699.0	0.042212	Y
2	STD01 240-529358/5	0.1	0.004157	0.05	40632821.0	0.041568	Y
3	STD02 240-529358/6	0.2	0.008092	0.05	40777271.0	0.040462	Y
4	STD05 240-529358/7	0.5	0.018633	0.05	39659854.0	0.037266	Y
5	STD1 240-529358/8	1.0	0.035053	0.05	41207934.0	0.035053	Y
6	STD15 240-529358/9	1.5	0.054358	0.05	40655937.0	0.036239	Y



Calibration

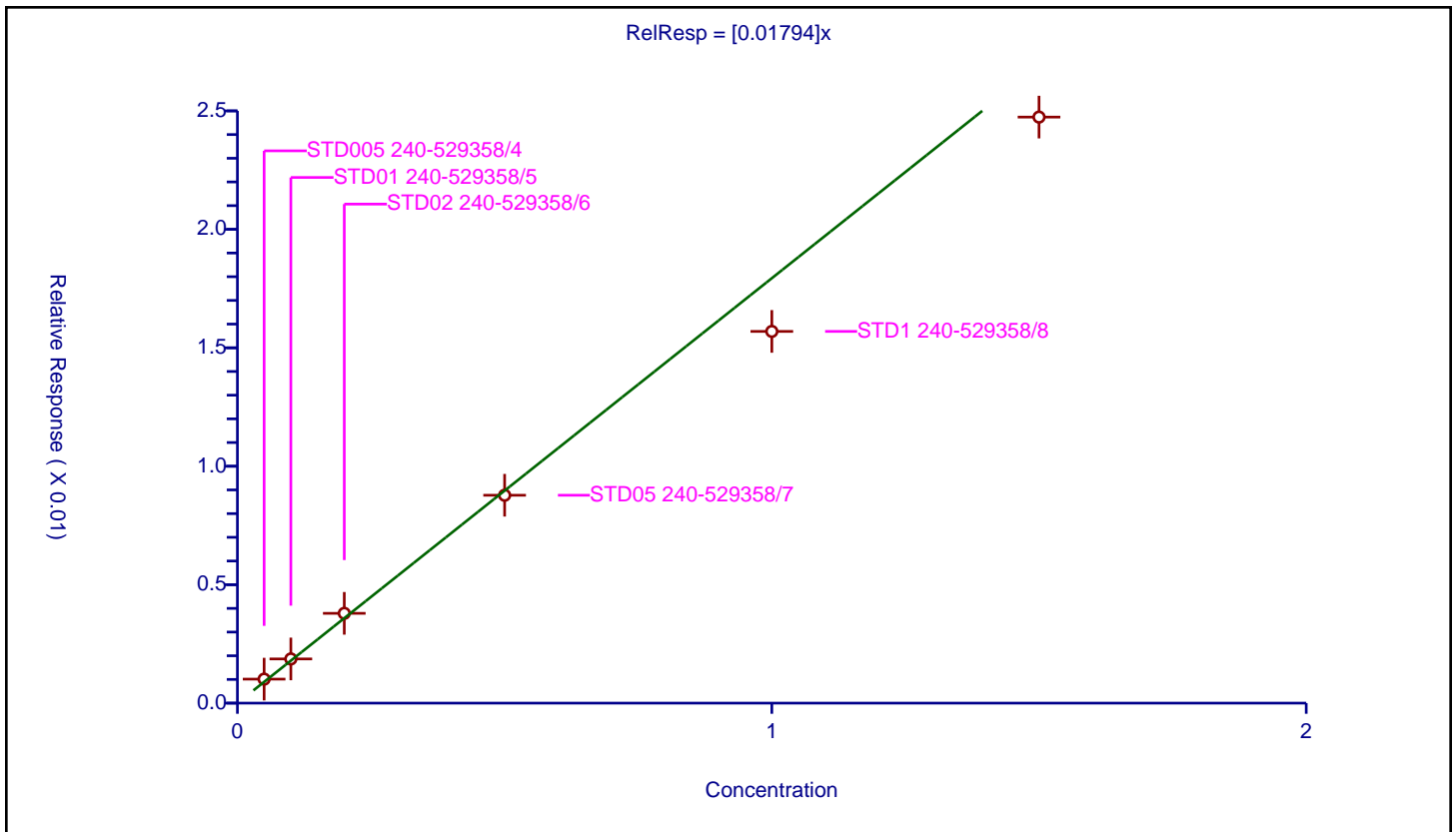
/ PCB-1232 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01794

Error Coefficients	
Standard Error:	11300000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.001013	0.05	47112699.0	0.020267	Y
2	STD01 240-529358/5	0.1	0.001866	0.05	40632821.0	0.018661	Y
3	STD02 240-529358/6	0.2	0.003791	0.05	40777271.0	0.018953	Y
4	STD05 240-529358/7	0.5	0.008775	0.05	39659854.0	0.017551	Y
5	STD1 240-529358/8	1.0	0.015691	0.05	41207934.0	0.015691	Y
6	STD15 240-529358/9	1.5	0.024738	0.05	40655937.0	0.016492	Y



Calibration

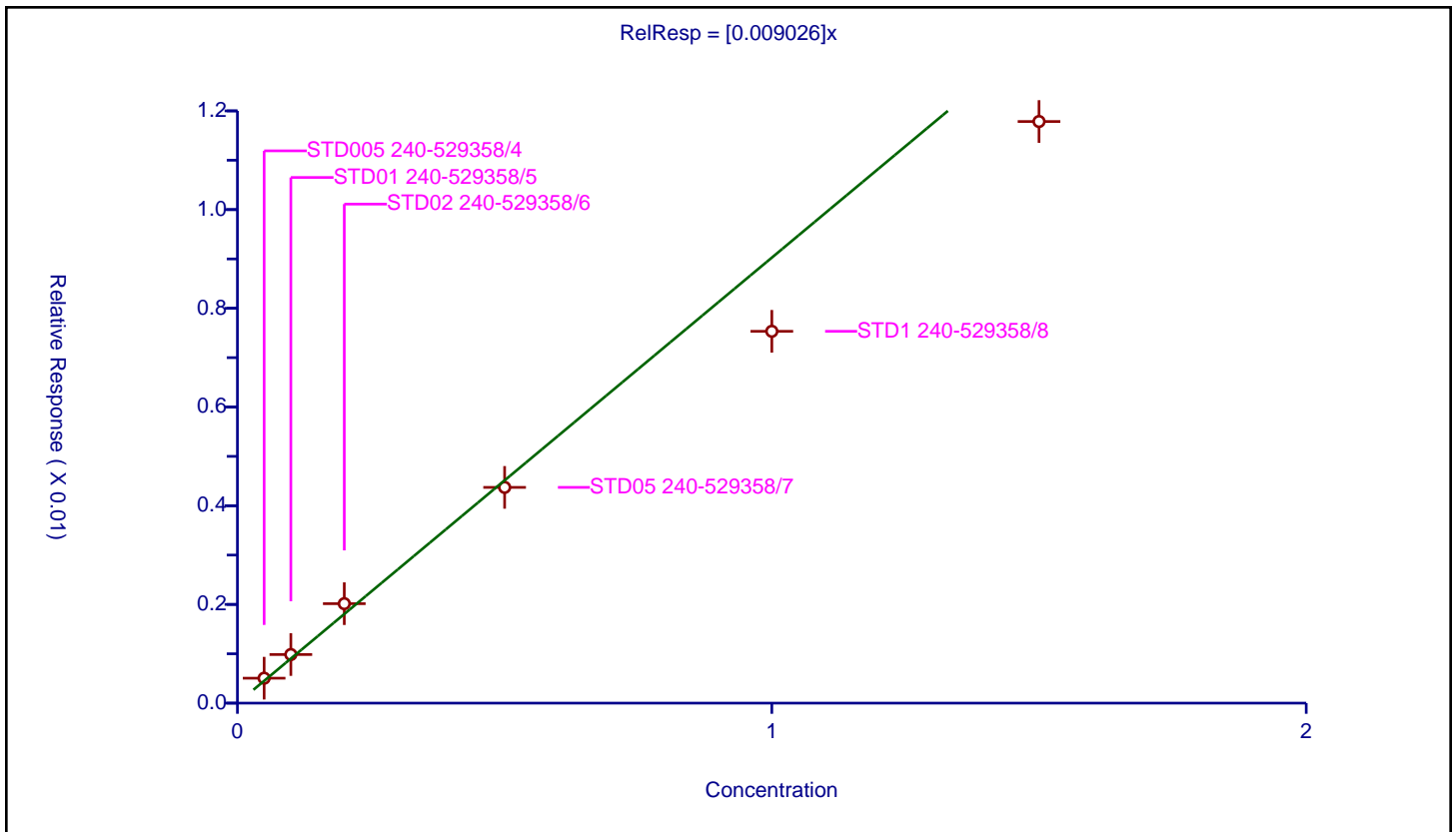
/ PCB-1232 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.009026

Error Coefficients	
Standard Error:	5400000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.000505	0.05	47112699.0	0.010102	Y
2	STD01 240-529358/5	0.1	0.000985	0.05	40632821.0	0.009847	Y
3	STD02 240-529358/6	0.2	0.002015	0.05	40777271.0	0.010075	Y
4	STD05 240-529358/7	0.5	0.004371	0.05	39659854.0	0.008743	Y
5	STD1 240-529358/8	1.0	0.007534	0.05	41207934.0	0.007534	Y
6	STD15 240-529358/9	1.5	0.011785	0.05	40655937.0	0.007857	Y



Calibration

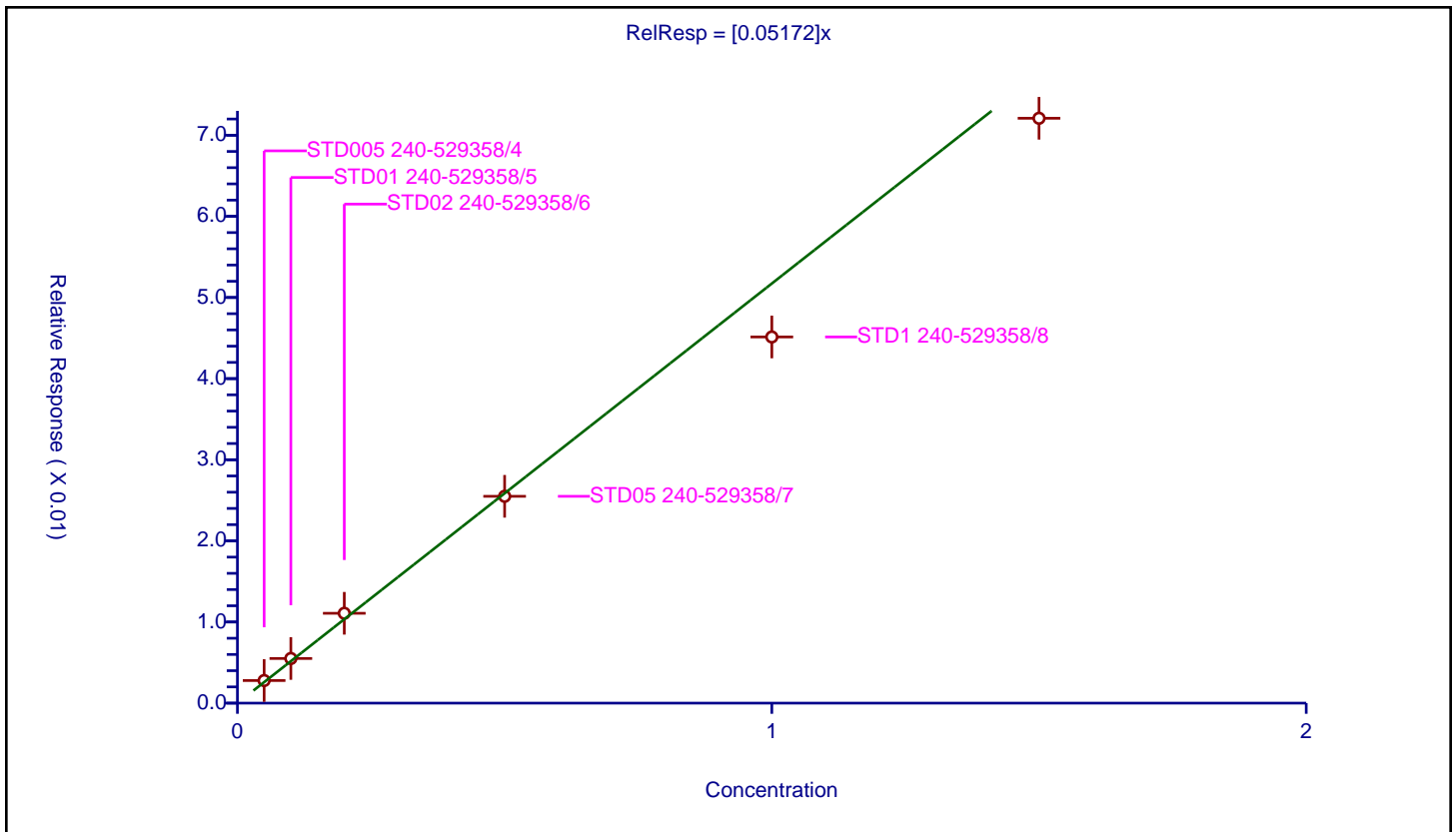
/ PCB-1262 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05172

Error Coefficients	
Standard Error:	32700000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.002787	0.05	47112699.0	0.055742	Y
2	STD01 240-529358/5	0.1	0.005502	0.05	40632821.0	0.055025	Y
3	STD02 240-529358/6	0.2	0.011074	0.05	40777271.0	0.055372	Y
4	STD05 240-529358/7	0.5	0.025494	0.05	39659854.0	0.050987	Y
5	STD1 240-529358/8	1.0	0.045134	0.05	41207934.0	0.045134	Y
6	STD15 240-529358/9	1.5	0.07209	0.05	40655937.0	0.04806	Y



Calibration

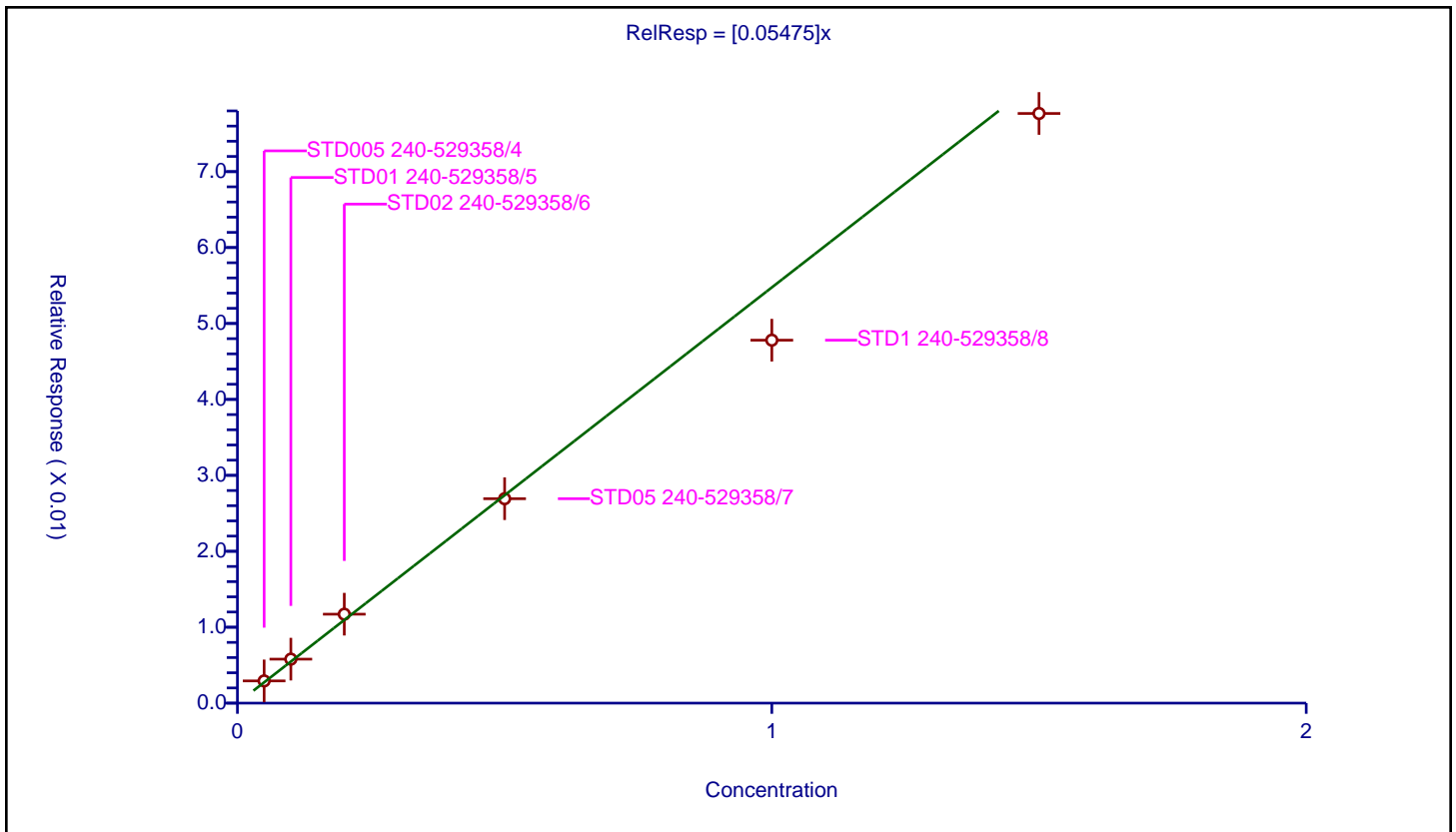
/ PCB-1262 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05475

Error Coefficients	
Standard Error:	35000000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.002927	0.05	47112699.0	0.058546	Y
2	STD01 240-529358/5	0.1	0.005795	0.05	40632821.0	0.057945	Y
3	STD02 240-529358/6	0.2	0.011714	0.05	40777271.0	0.058569	Y
4	STD05 240-529358/7	0.5	0.026923	0.05	39659854.0	0.053846	Y
5	STD1 240-529358/8	1.0	0.0478	0.05	41207934.0	0.0478	Y
6	STD15 240-529358/9	1.5	0.077661	0.05	40655937.0	0.051774	Y



Calibration

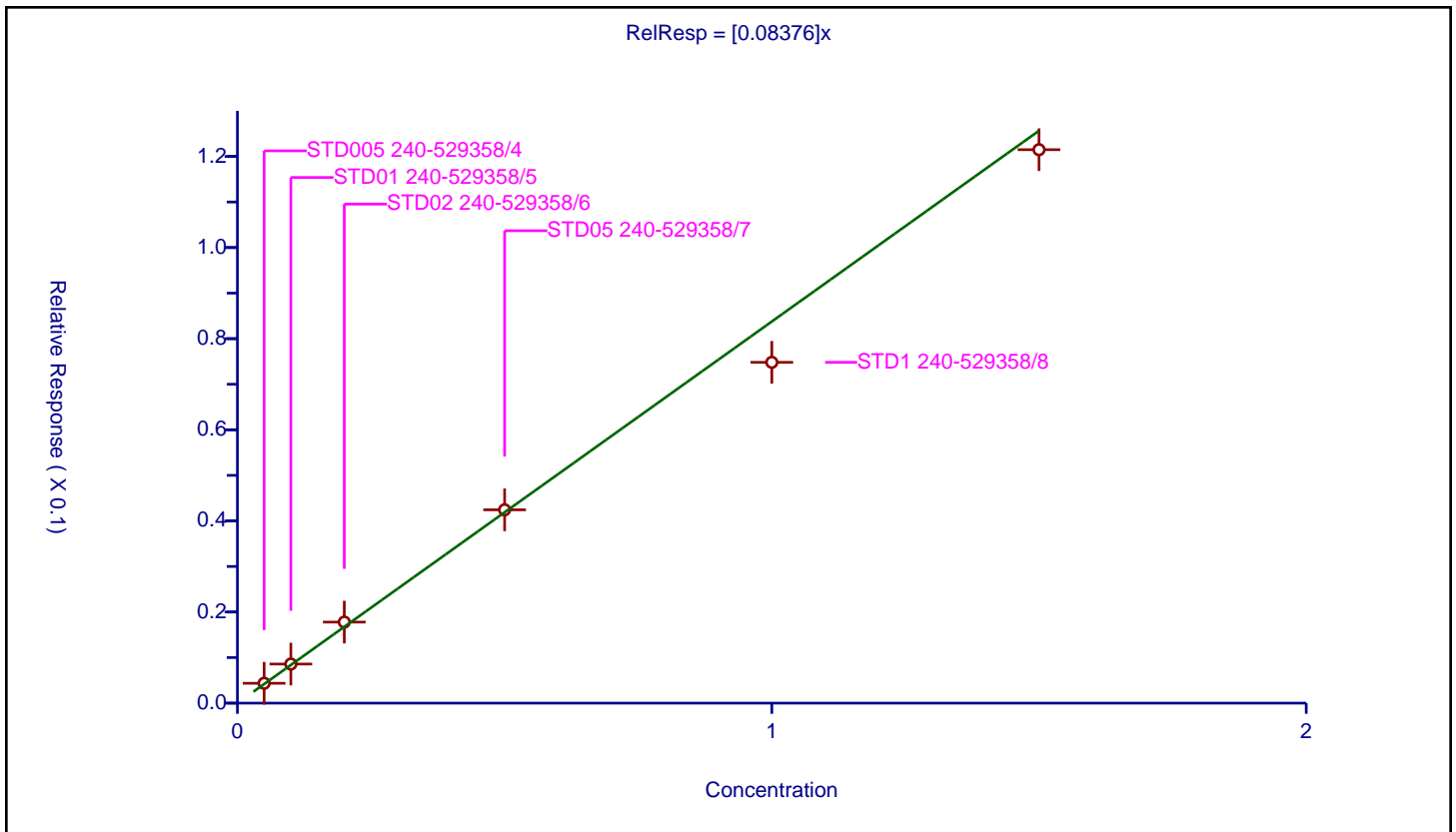
/ PCB-1262 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08376

Error Coefficients	
Standard Error:	54700000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.004359	0.05	47112699.0	0.087184	Y
2	STD01 240-529358/5	0.1	0.008579	0.05	40632821.0	0.085792	Y
3	STD02 240-529358/6	0.2	0.017789	0.05	40777271.0	0.088944	Y
4	STD05 240-529358/7	0.5	0.042433	0.05	39659854.0	0.084866	Y
5	STD1 240-529358/8	1.0	0.074808	0.05	41207934.0	0.074808	Y
6	STD15 240-529358/9	1.5	0.121482	0.05	40655937.0	0.080988	Y



Calibration

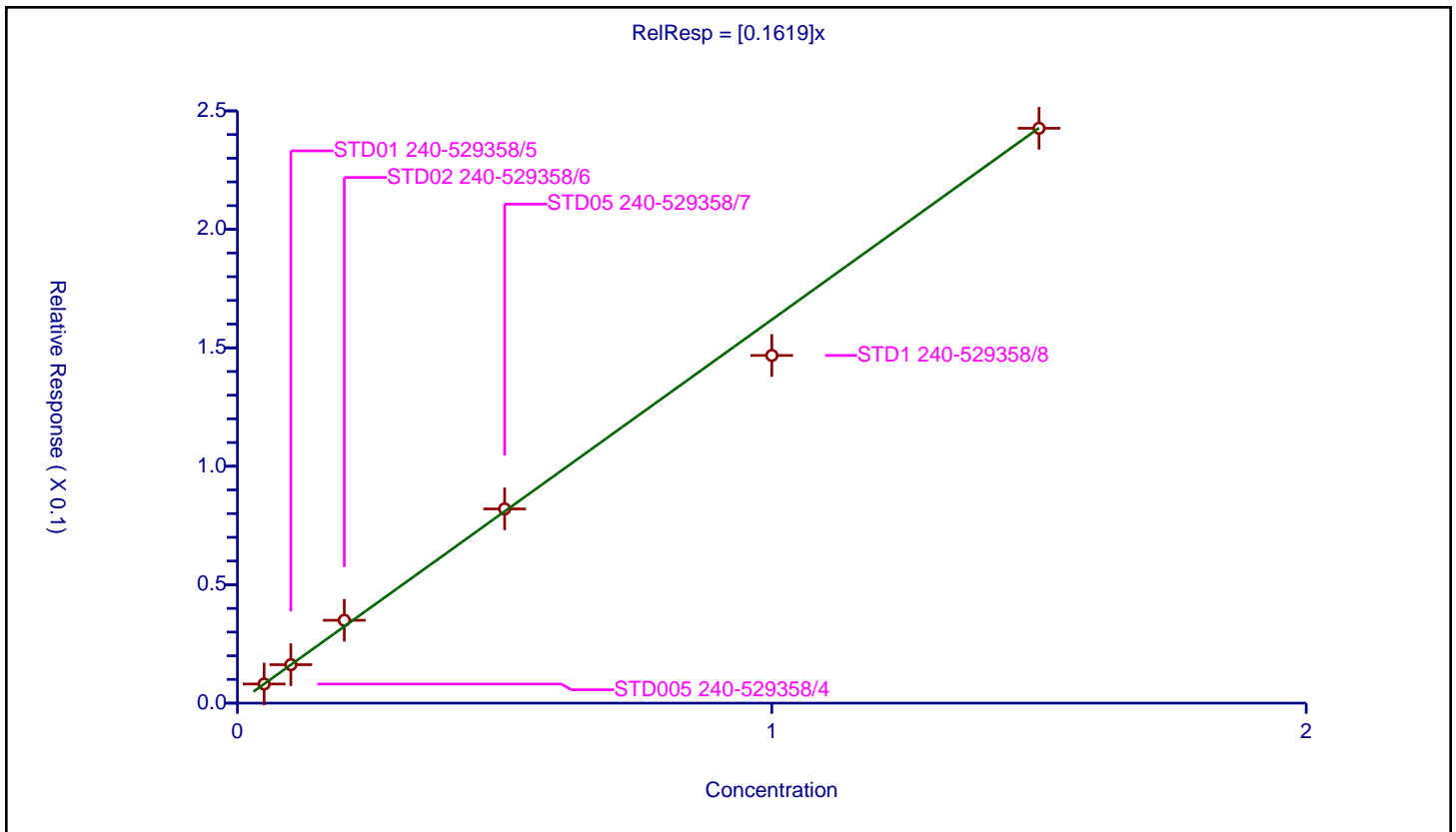
/ PCB-1262 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1619

Error Coefficients	
Standard Error:	108000000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.008077	0.05	47112699.0	0.161537	Y
2	STD01 240-529358/5	0.1	0.016224	0.05	40632821.0	0.162236	Y
3	STD02 240-529358/6	0.2	0.034976	0.05	40777271.0	0.174881	Y
4	STD05 240-529358/7	0.5	0.081989	0.05	39659854.0	0.163979	Y
5	STD1 240-529358/8	1.0	0.146763	0.05	41207934.0	0.146763	Y
6	STD15 240-529358/9	1.5	0.242663	0.05	40655937.0	0.161776	Y



Calibration

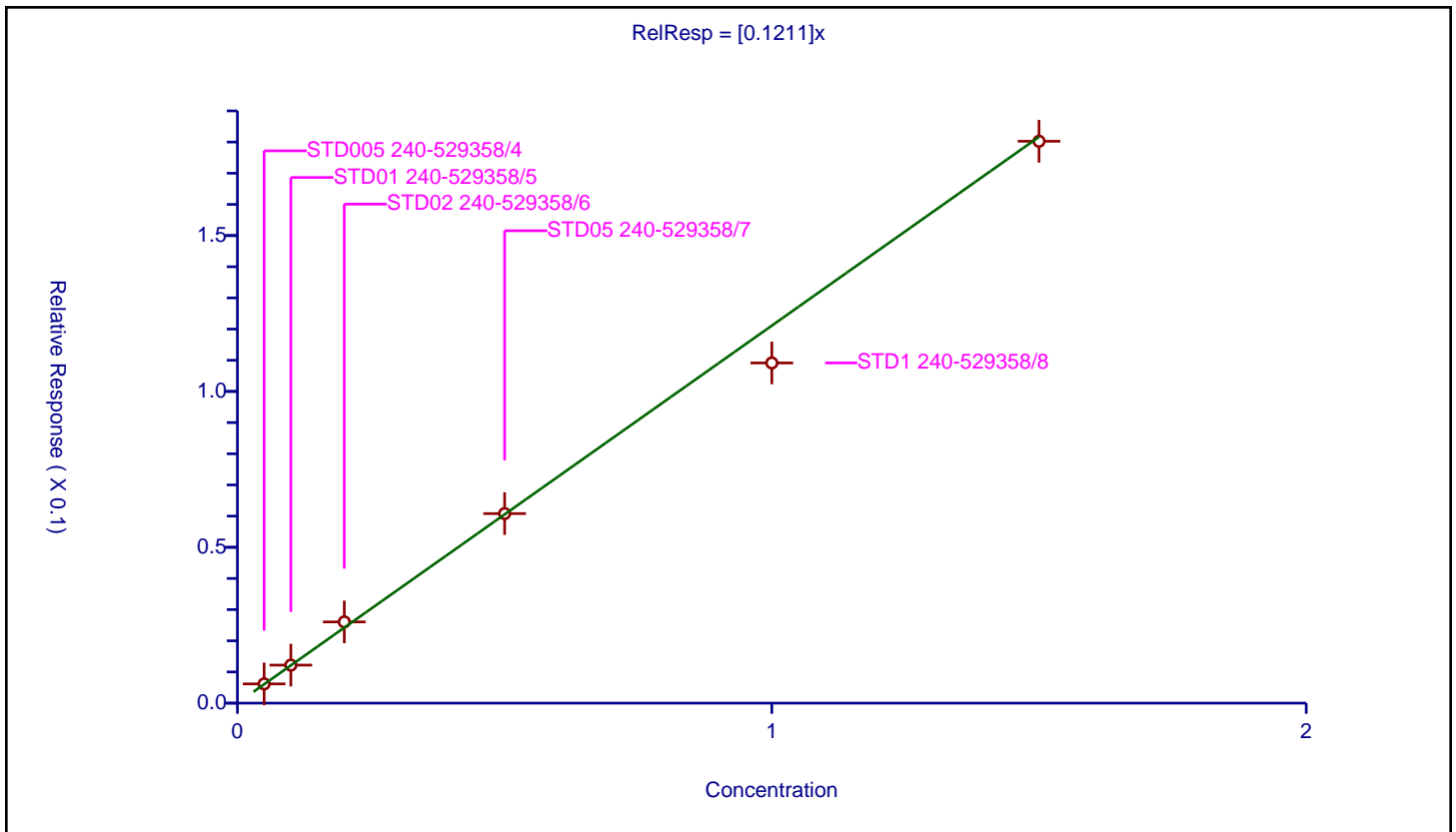
/ PCB-1262 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1211

Error Coefficients	
Standard Error:	80600000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/4	0.05	0.006174	0.05	47112699.0	0.123477	Y
2	STD01 240-529358/5	0.1	0.012196	0.05	40632821.0	0.12196	Y
3	STD02 240-529358/6	0.2	0.026053	0.05	40777271.0	0.130266	Y
4	STD05 240-529358/7	0.5	0.060805	0.05	39659854.0	0.121609	Y
5	STD1 240-529358/8	1.0	0.109133	0.05	41207934.0	0.109133	Y
6	STD15 240-529358/9	1.5	0.180261	0.05	40655937.0	0.120174	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 16:53 Calibration End Date: 06/06/2022 18:18 Calibration ID: 66093

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/10	P19060610.D
Level 2	STD01 240-529358/11	P19060611.D
Level 3	STD02 240-529358/12	P19060612.D
Level 4	STD05 240-529358/13	P19060613.D
Level 5	STD1 240-529358/14	P19060614.D
Level 6	STD15 240-529358/15	P19060615.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0191 0.0144	0.0185	0.0169	0.0156	0.0146	Ave		0.016 5			12.0		20.0				
PCB-1242 Peak 2	0.0325 0.0262	0.0326	0.0286	0.0271	0.0259	Ave		0.028 8			10.5		20.0				
PCB-1242 Peak 3	0.0725 0.0591	0.0671	0.0624	0.0560	0.0575	Ave		0.062 4			10.1		20.0				
PCB-1242 Peak 4	0.0336 0.0262	0.0319	0.0292	0.0222	0.0259	Ave		0.028 2			15.1		20.0				
PCB-1242 Peak 5	0.0124 0.0101	0.0124	0.0117	0.0086	0.0100	Ave		0.010 9			14.1		20.0				
PCB-1268 Peak 1	0.2180 0.1826	0.2041	0.1866	0.1761	0.1727	Ave		0.190 0			9.2		20.0				
PCB-1268 Peak 2	0.2019 0.1744	0.1786	0.1758	0.1691	0.1665	Ave		0.177 7			7.1		20.0				
PCB-1268 Peak 3	0.1793 0.1550	0.1628	0.1544	0.1474	0.1460	Ave		0.157 5			7.8		20.0				
PCB-1268 Peak 4	0.0786 0.0650	0.0703	0.0654	0.0613	0.0608	Ave		0.066 9			10.0		20.0				
PCB-1268 Peak 5	0.5502 0.4834	0.5057	0.4816	0.4539	0.4498	Ave		0.487 4			7.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 16:53 Calibration End Date: 06/06/2022 18:18 Calibration ID: 66093

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/10	P19060610.D
Level 2	STD01 240-529358/11	P19060611.D
Level 3	STD02 240-529358/12	P19060612.D
Level 4	STD05 240-529358/13	P19060613.D
Level 5	STD1 240-529358/14	P19060614.D
Level 6	STD15 240-529358/15	P19060615.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	707678 15860258	1402393	2819675	5892184	11541897	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	1203899 28814029	2474118	4760489	10274659	20471667	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	2683800 64842820	5092352	10394681	21205188	45457904	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	1244778 28740882	2425155	4869923	8398576	20453455	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	458348 11051522	938437	1955413	3260992	7902455	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	8070242 200503732	15492149	31086389	66651511	136511831	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	7472484 191462050	13559654	29282417	64027752	131596070	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	6636242 170199559	12361875	25726588	55812111	115434498	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	2908190 71364899	5339991	10900010	23191963	48028603	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	20364015 530841555	38392533	80229290	171829256	355589546	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

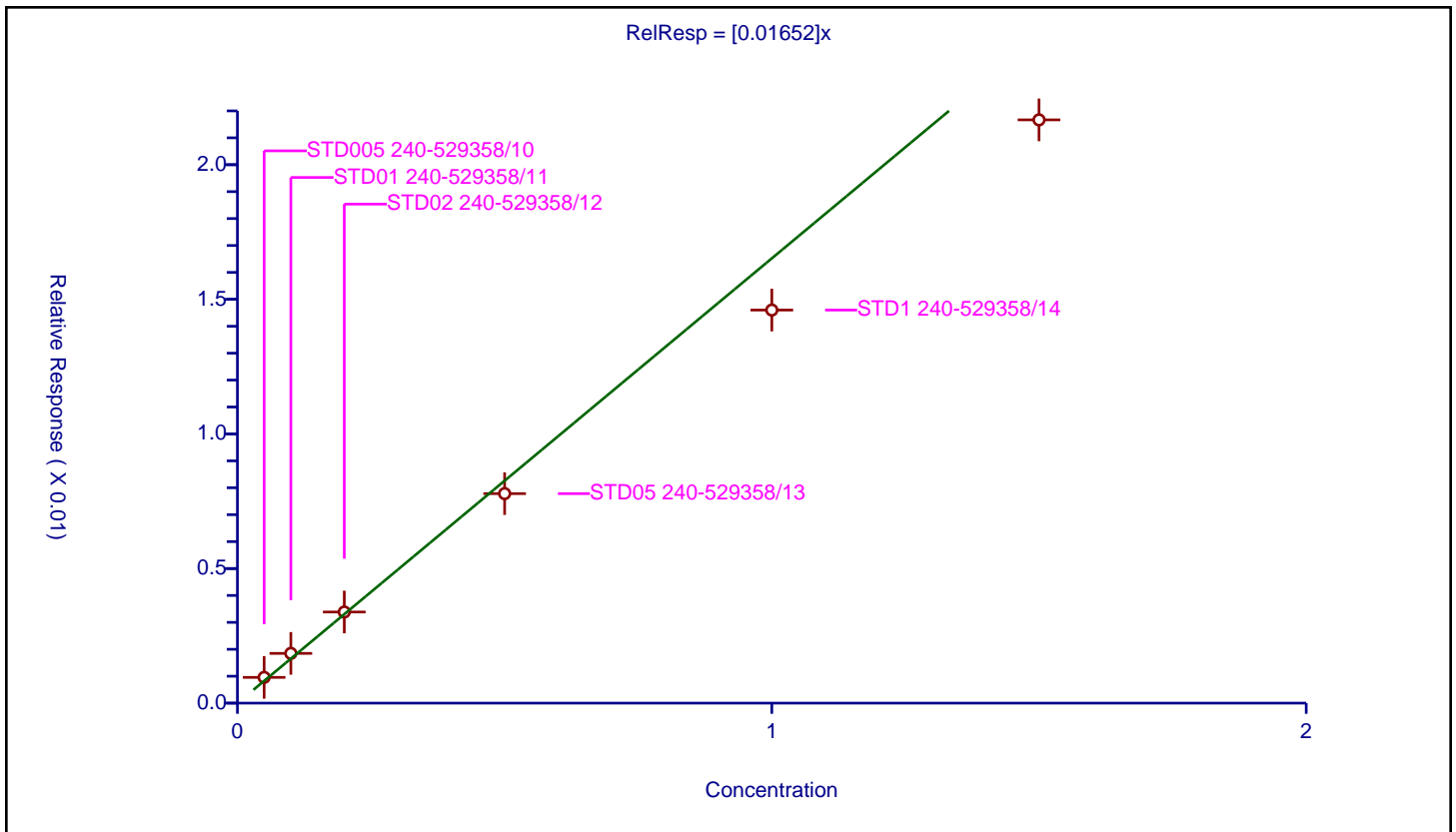
/ PCB-1242 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01652

Error Coefficients	
Standard Error:	9270000
Relative Standard Error:	12.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.000956	0.05	37013887.0	0.019119	Y
2	STD01 240-529358/11	0.1	0.001847	0.05	37960081.0	0.018472	Y
3	STD02 240-529358/12	0.2	0.003385	0.05	41645759.0	0.016927	Y
4	STD05 240-529358/13	0.5	0.007783	0.05	37855256.0	0.015565	Y
5	STD1 240-529358/14	1.0	0.014601	0.05	39523315.0	0.014601	Y
6	STD15 240-529358/15	1.5	0.021666	0.05	36601292.0	0.014444	Y



Calibration

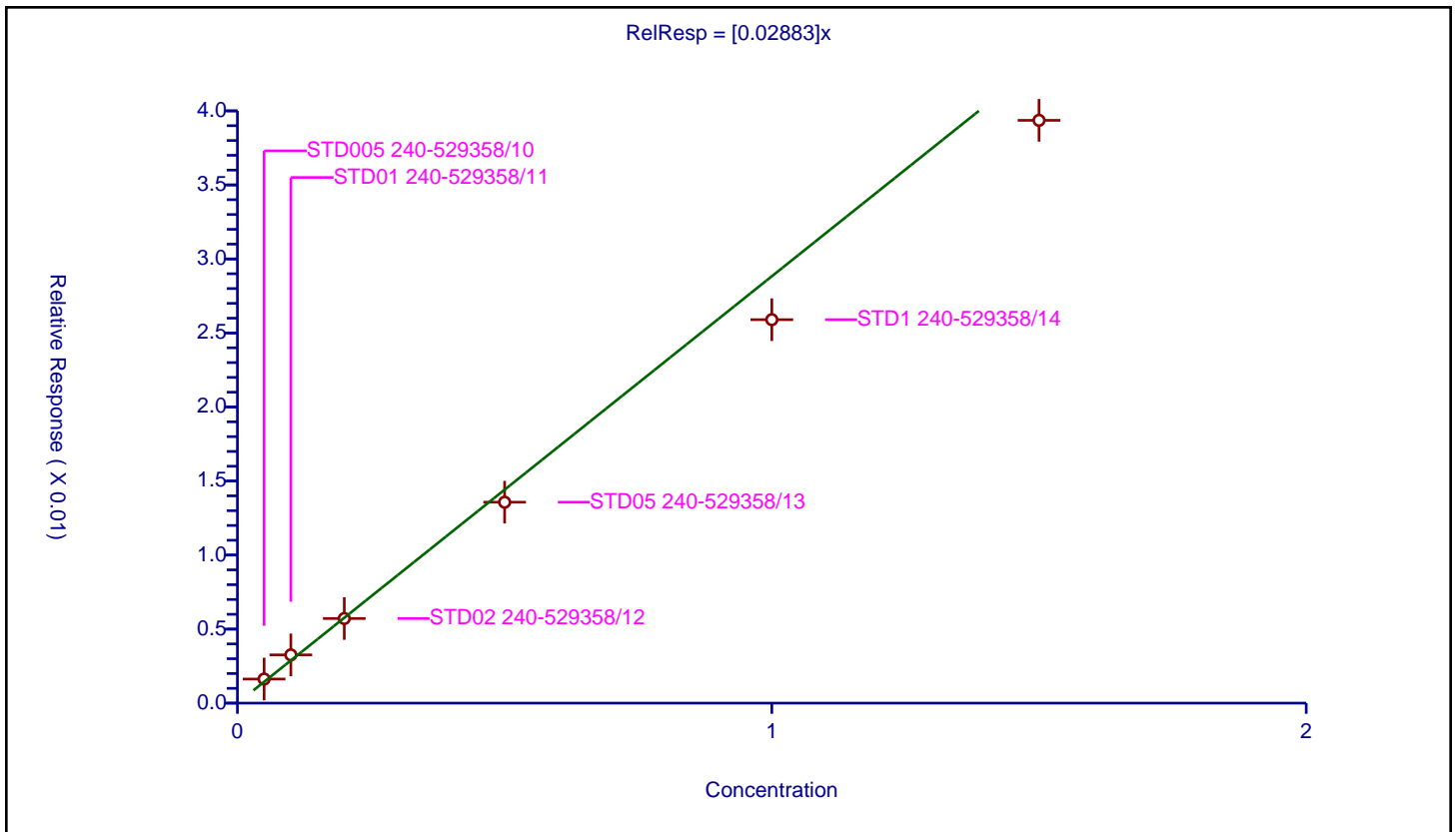
/ PCB-1242 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02883

Error Coefficients	
Standard Error:	16600000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001626	0.05	37013887.0	0.032526	Y
2	STD01 240-529358/11	0.1	0.003259	0.05	37960081.0	0.032588	Y
3	STD02 240-529358/12	0.2	0.005715	0.05	41645759.0	0.028577	Y
4	STD05 240-529358/13	0.5	0.013571	0.05	37855256.0	0.027142	Y
5	STD1 240-529358/14	1.0	0.025898	0.05	39523315.0	0.025898	Y
6	STD15 240-529358/15	1.5	0.039362	0.05	36601292.0	0.026241	Y



Calibration

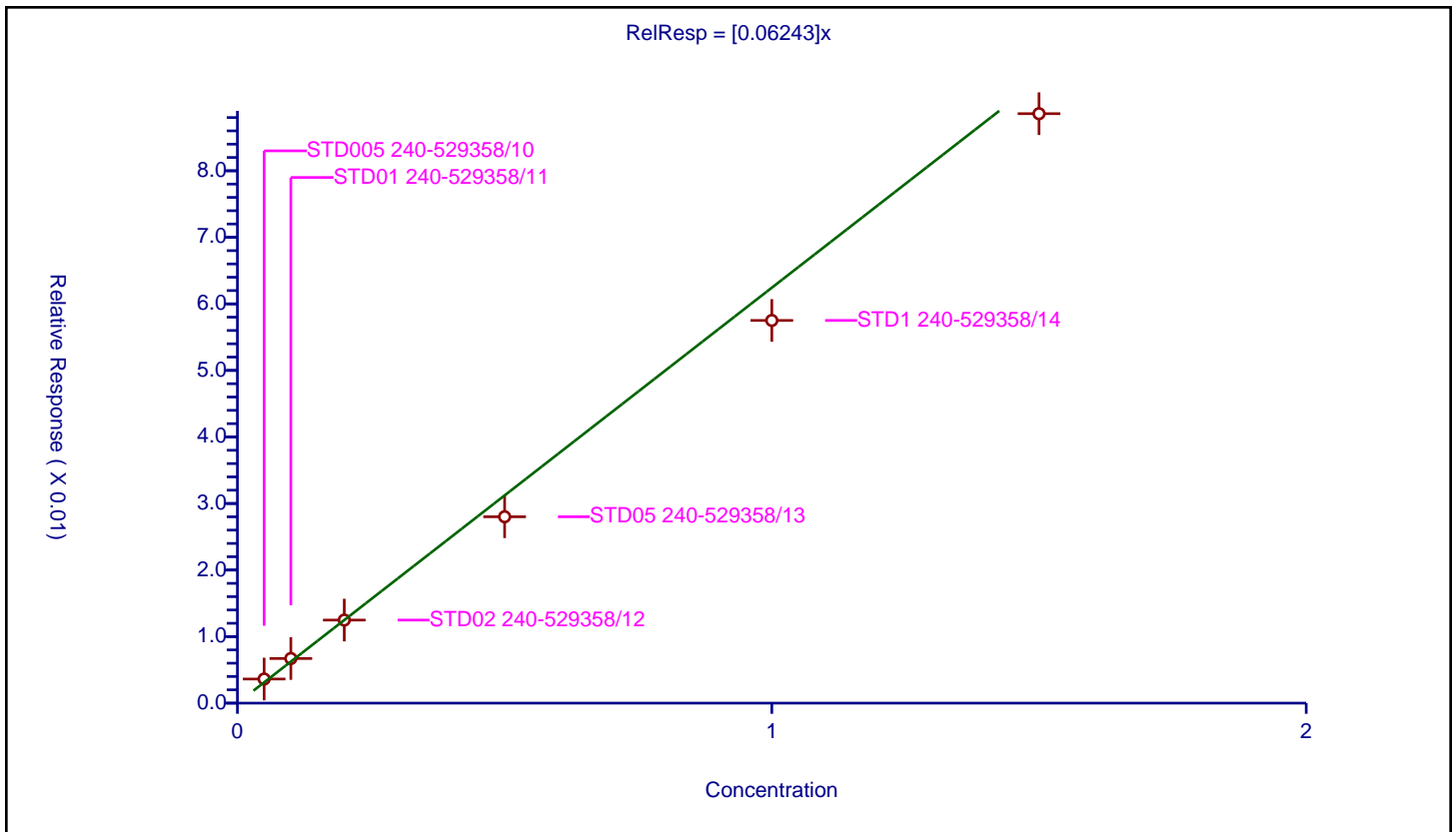
/ PCB-1242 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06243

Error Coefficients	
Standard Error:	37000000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.003625	0.05	37013887.0	0.072508	Y
2	STD01 240-529358/11	0.1	0.006708	0.05	37960081.0	0.067075	Y
3	STD02 240-529358/12	0.2	0.01248	0.05	41645759.0	0.062399	Y
4	STD05 240-529358/13	0.5	0.028008	0.05	37855256.0	0.056016	Y
5	STD1 240-529358/14	1.0	0.057508	0.05	39523315.0	0.057508	Y
6	STD15 240-529358/15	1.5	0.08858	0.05	36601292.0	0.059053	Y



Calibration

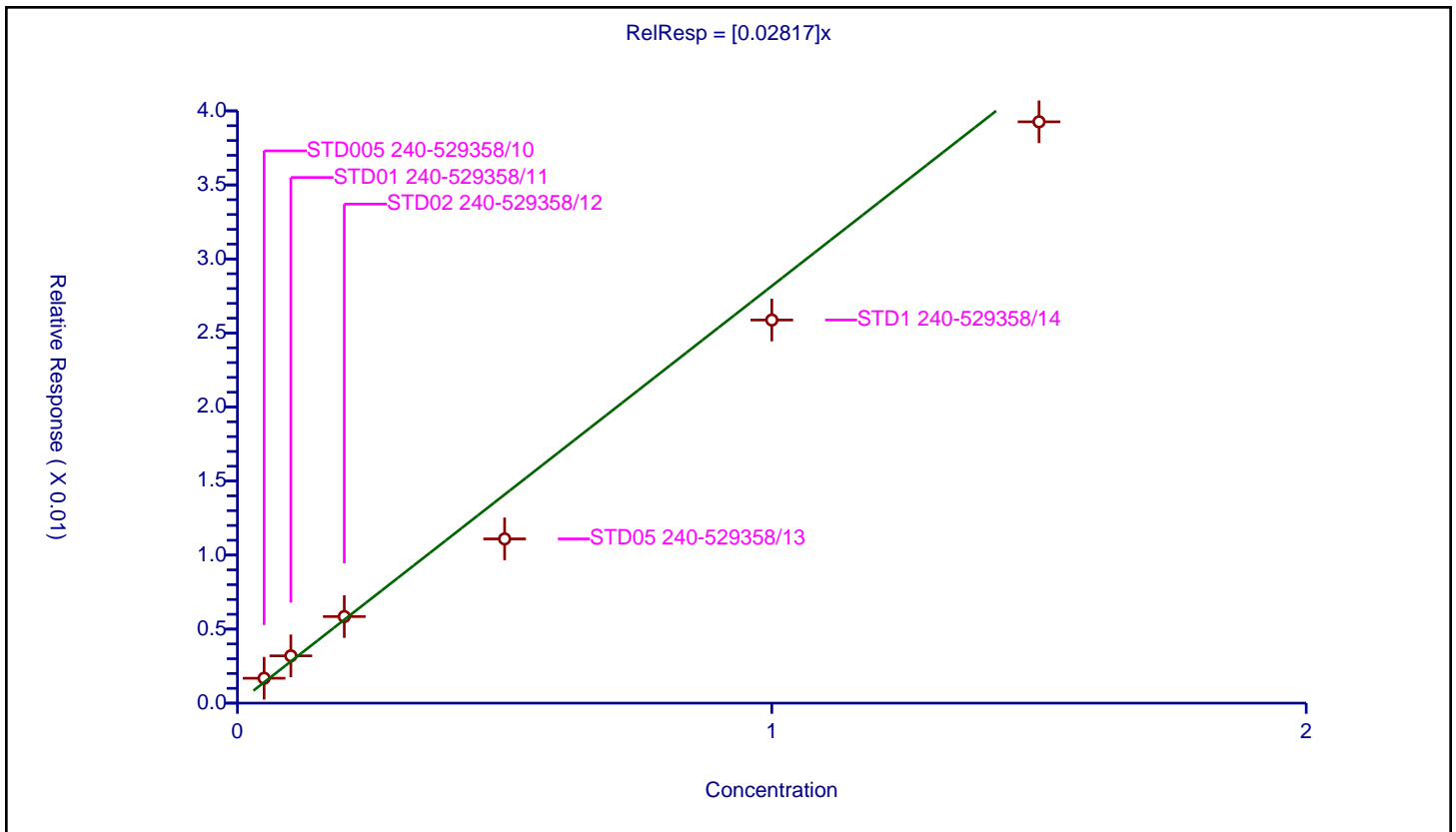
/ PCB-1242 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02817

Error Coefficients	
Standard Error:	16400000
Relative Standard Error:	15.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001682	0.05	37013887.0	0.03363	Y
2	STD01 240-529358/11	0.1	0.003194	0.05	37960081.0	0.031943	Y
3	STD02 240-529358/12	0.2	0.005847	0.05	41645759.0	0.029234	Y
4	STD05 240-529358/13	0.5	0.011093	0.05	37855256.0	0.022186	Y
5	STD1 240-529358/14	1.0	0.025875	0.05	39523315.0	0.025875	Y
6	STD15 240-529358/15	1.5	0.039262	0.05	36601292.0	0.026175	Y



Calibration

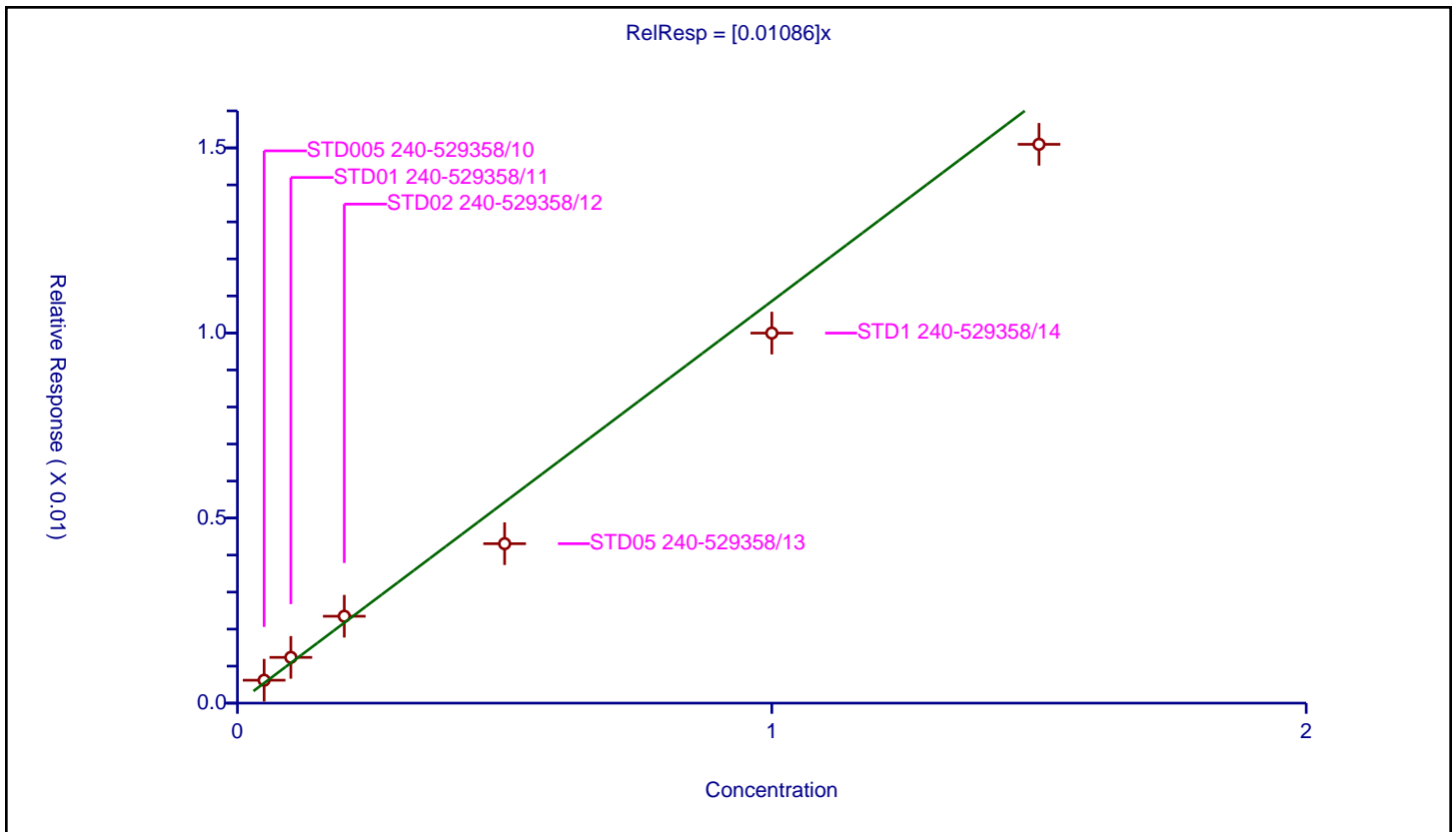
/ PCB-1242 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01086

Error Coefficients	
Standard Error:	6330000
Relative Standard Error:	14.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.000619	0.05	37013887.0	0.012383	Y
2	STD01 240-529358/11	0.1	0.001236	0.05	37960081.0	0.012361	Y
3	STD02 240-529358/12	0.2	0.002348	0.05	41645759.0	0.011738	Y
4	STD05 240-529358/13	0.5	0.004307	0.05	37855256.0	0.008614	Y
5	STD1 240-529358/14	1.0	0.009997	0.05	39523315.0	0.009997	Y
6	STD15 240-529358/15	1.5	0.015097	0.05	36601292.0	0.010065	Y



Calibration

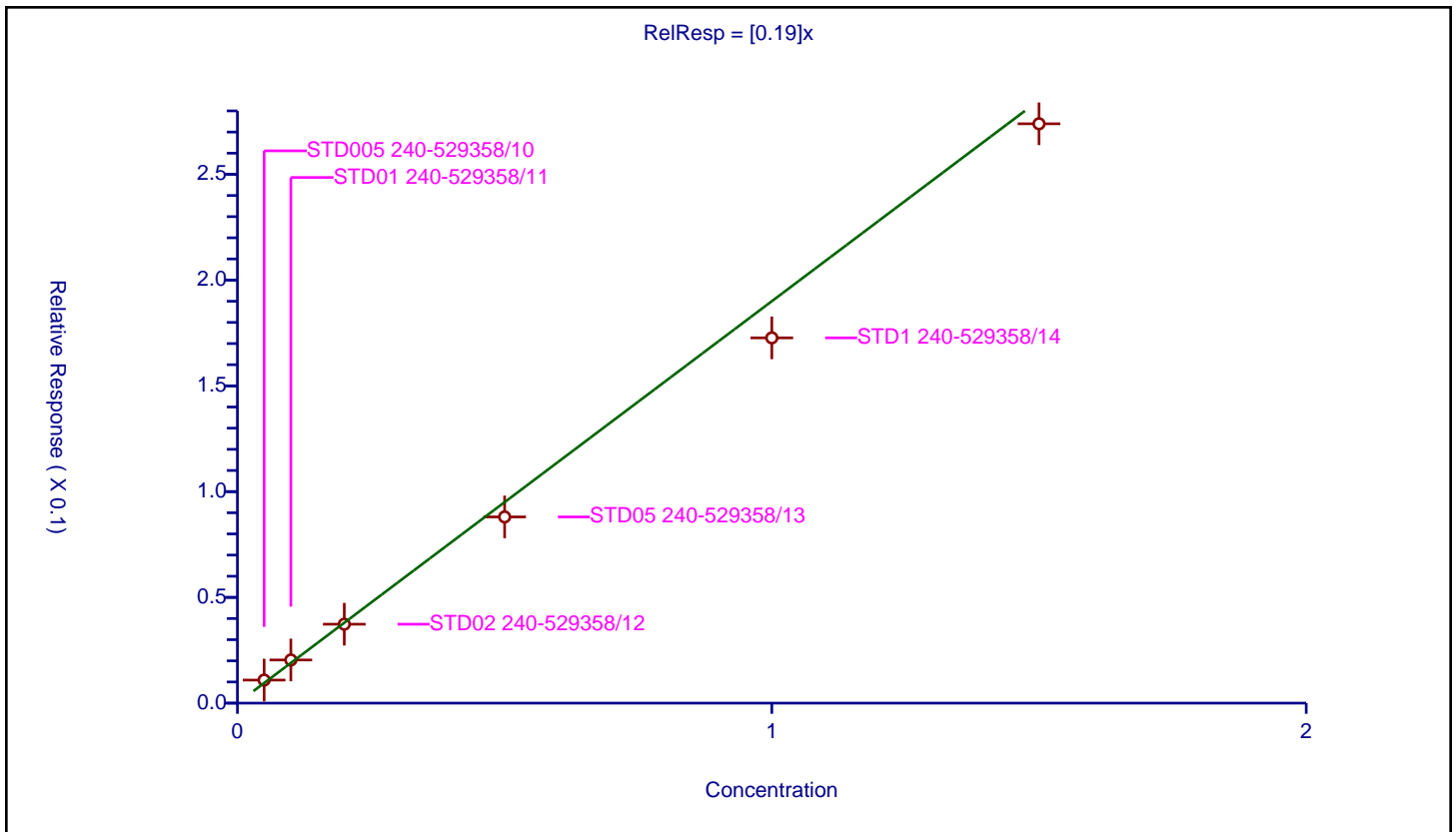
/ PCB-1268 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.19

Error Coefficients	
Standard Error:	114000000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.010902	0.05	37013887.0	0.218033	Y
2	STD01 240-529358/11	0.1	0.020406	0.05	37960081.0	0.204058	Y
3	STD02 240-529358/12	0.2	0.037322	0.05	41645759.0	0.186612	Y
4	STD05 240-529358/13	0.5	0.088035	0.05	37855256.0	0.176069	Y
5	STD1 240-529358/14	1.0	0.172698	0.05	39523315.0	0.172698	Y
6	STD15 240-529358/15	1.5	0.273903	0.05	36601292.0	0.182602	Y



Calibration

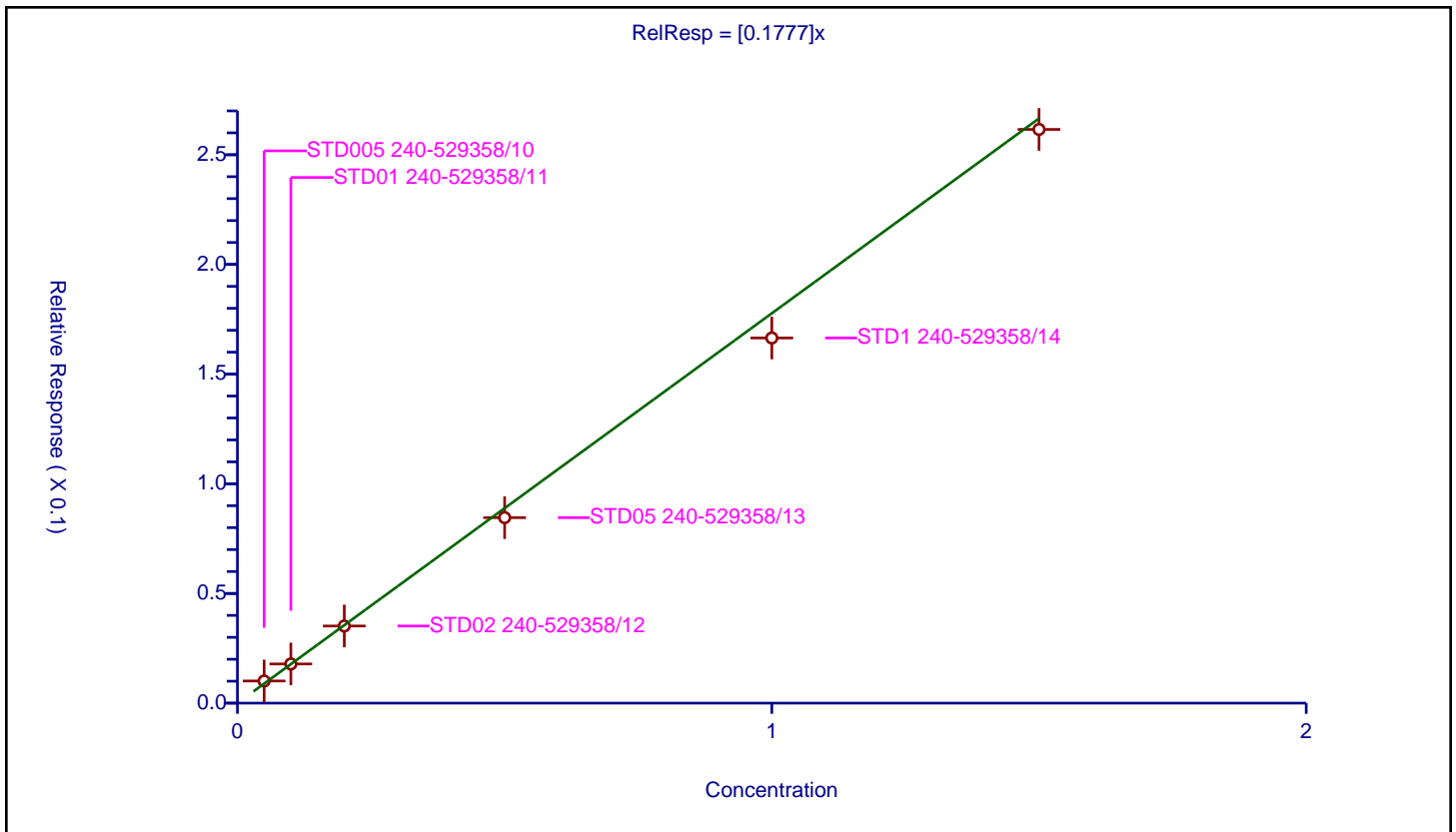
/ PCB-1268 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1777

Error Coefficients	
Standard Error:	109000000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.010094	0.05	37013887.0	0.201883	Y
2	STD01 240-529358/11	0.1	0.01786	0.05	37960081.0	0.178604	Y
3	STD02 240-529358/12	0.2	0.035157	0.05	41645759.0	0.175783	Y
4	STD05 240-529358/13	0.5	0.084569	0.05	37855256.0	0.169138	Y
5	STD1 240-529358/14	1.0	0.166479	0.05	39523315.0	0.166479	Y
6	STD15 240-529358/15	1.5	0.261551	0.05	36601292.0	0.174367	Y



Calibration

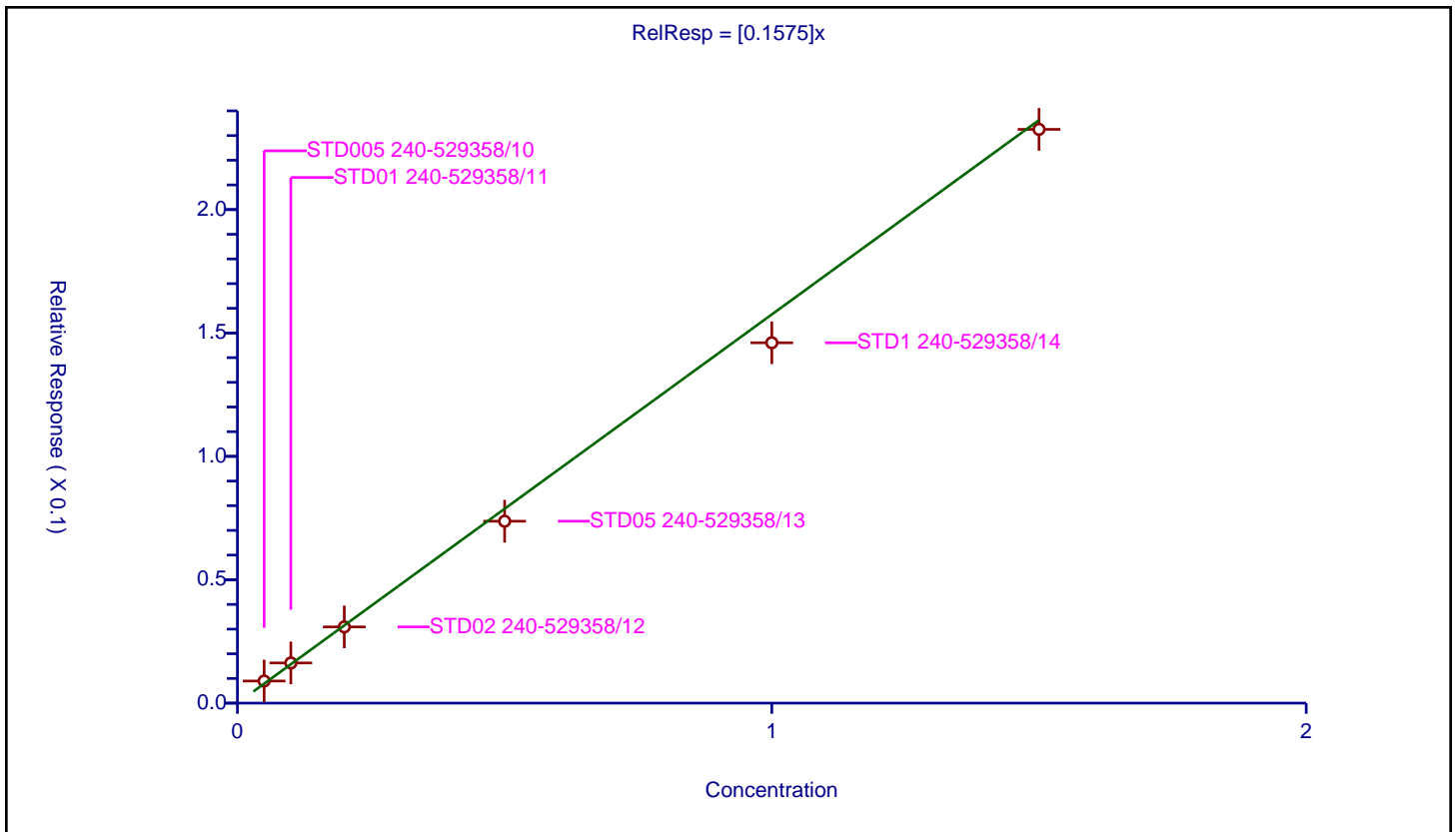
/ PCB-1268 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1575

Error Coefficients	
Standard Error:	96200000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.008965	0.05	37013887.0	0.179291	Y
2	STD01 240-529358/11	0.1	0.016283	0.05	37960081.0	0.162827	Y
3	STD02 240-529358/12	0.2	0.030887	0.05	41645759.0	0.154437	Y
4	STD05 240-529358/13	0.5	0.073718	0.05	37855256.0	0.147436	Y
5	STD1 240-529358/14	1.0	0.146033	0.05	39523315.0	0.146033	Y
6	STD15 240-529358/15	1.5	0.232505	0.05	36601292.0	0.155003	Y



Calibration

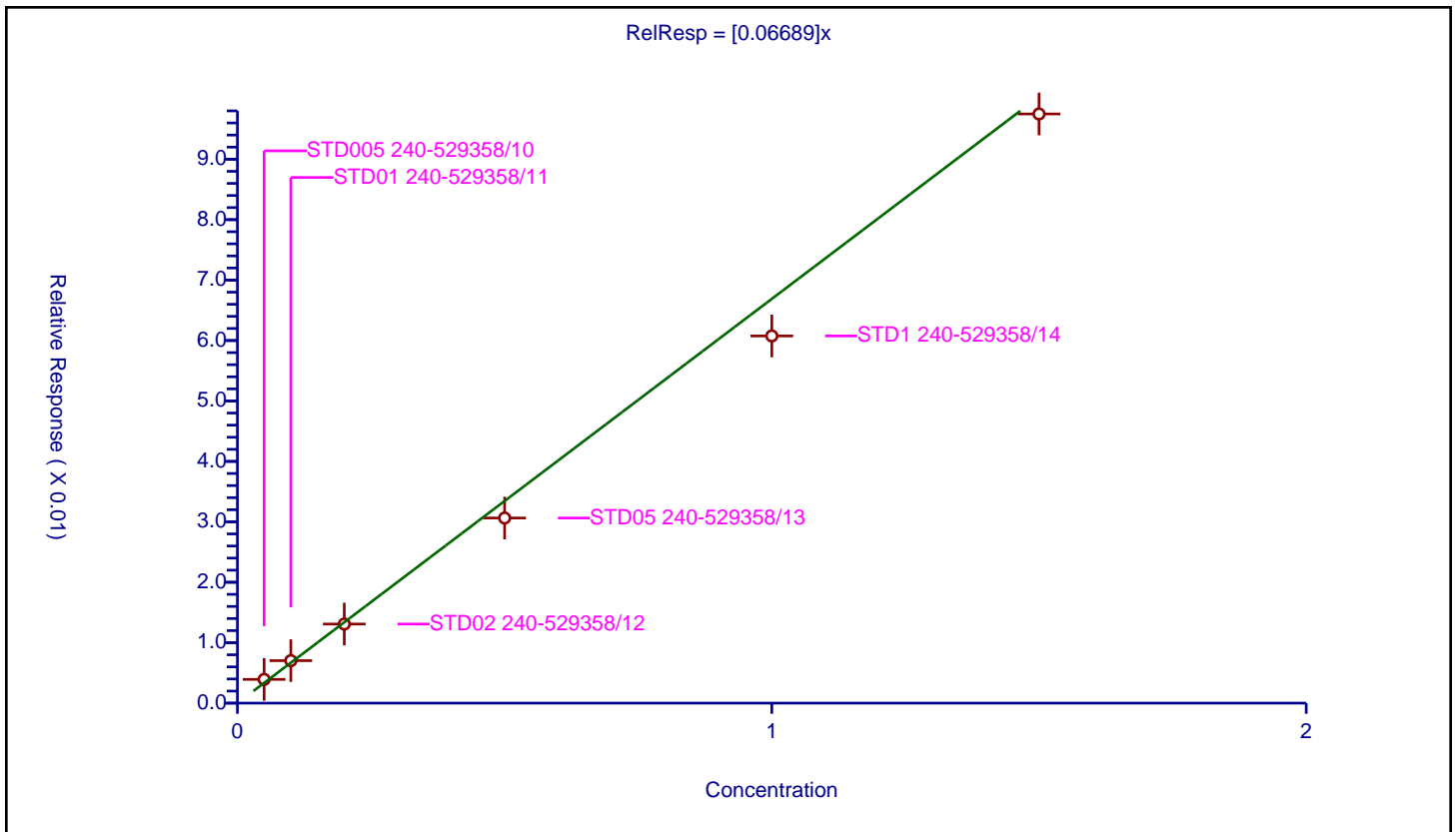
/ PCB-1268 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06689

Error Coefficients	
Standard Error:	40200000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.003929	0.05	37013887.0	0.07857	Y
2	STD01 240-529358/11	0.1	0.007034	0.05	37960081.0	0.070337	Y
3	STD02 240-529358/12	0.2	0.013087	0.05	41645759.0	0.065433	Y
4	STD05 240-529358/13	0.5	0.030632	0.05	37855256.0	0.061265	Y
5	STD1 240-529358/14	1.0	0.06076	0.05	39523315.0	0.06076	Y
6	STD15 240-529358/15	1.5	0.09749	0.05	36601292.0	0.064993	Y



Calibration

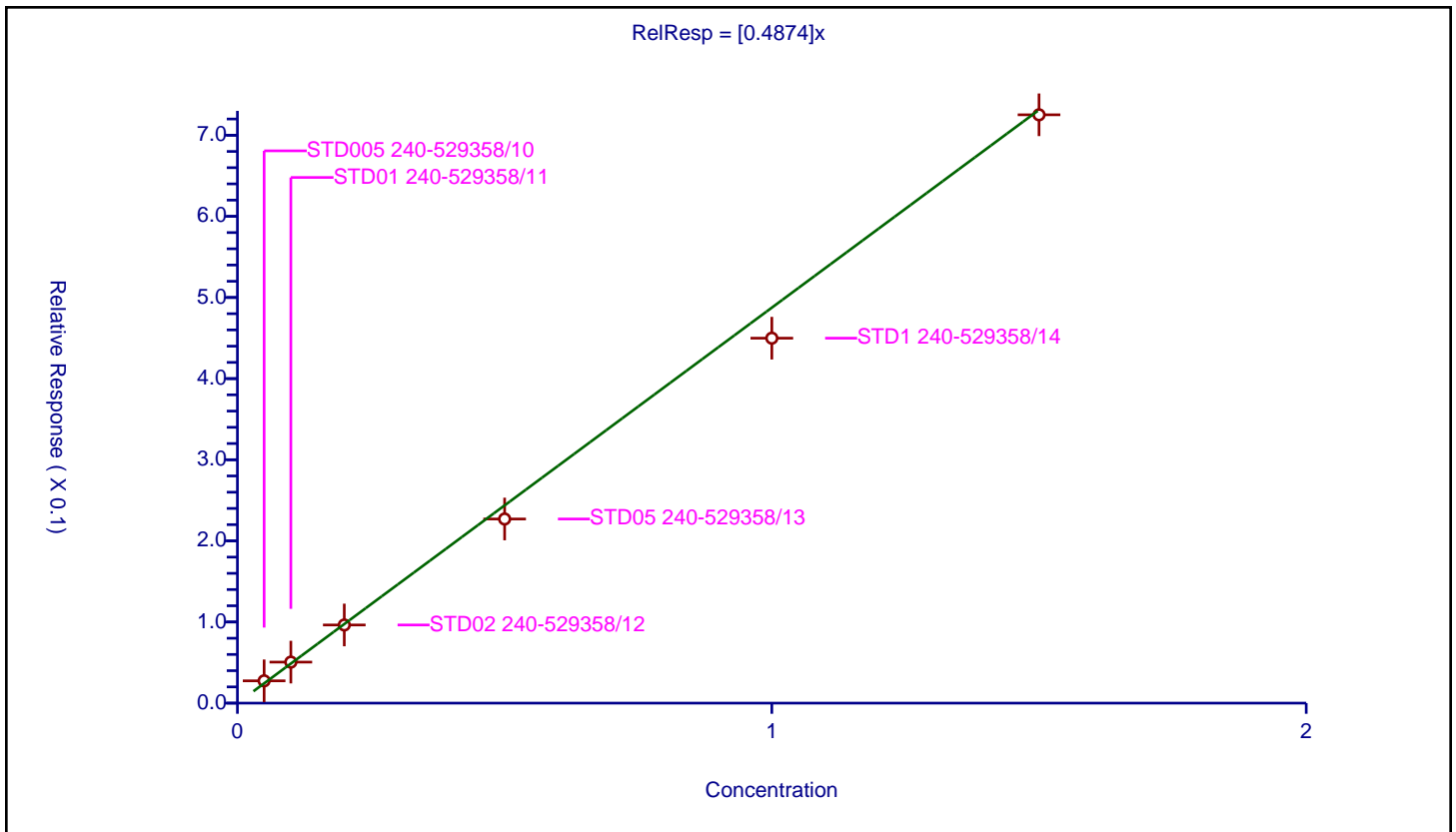
/ PCB-1268 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4874

Error Coefficients	
Standard Error:	299000000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.027509	0.05	37013887.0	0.550172	Y
2	STD01 240-529358/11	0.1	0.05057	0.05	37960081.0	0.505696	Y
3	STD02 240-529358/12	0.2	0.096323	0.05	41645759.0	0.481617	Y
4	STD05 240-529358/13	0.5	0.226956	0.05	37855256.0	0.453911	Y
5	STD1 240-529358/14	1.0	0.449848	0.05	39523315.0	0.449848	Y
6	STD15 240-529358/15	1.5	0.725168	0.05	36601292.0	0.483445	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 16:53 Calibration End Date: 06/06/2022 18:18 Calibration ID: 66094

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/10	P19060610.D
Level 2	STD01 240-529358/11	P19060611.D
Level 3	STD02 240-529358/12	P19060612.D
Level 4	STD05 240-529358/13	P19060613.D
Level 5	STD1 240-529358/14	P19060614.D
Level 6	STD15 240-529358/15	P19060615.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0221 0.0151	0.0202	0.0181	0.0164	0.0153	Ave		0.017 9			15.7		20.0				
PCB-1242 Peak 2	0.0395 0.0281	0.0367	0.0327	0.0299	0.0281	Ave		0.032 5			14.5		20.0				
PCB-1242 Peak 3	0.0776 0.0629	0.0722	0.0666	0.0629	0.0614	Ave		0.067 3			9.5		20.0				
PCB-1242 Peak 4	0.0336 0.0276	0.0333	0.0300	0.0281	0.0274	Ave		0.030 0			9.4		20.0				
PCB-1242 Peak 5	0.0213 0.0150	0.0197	0.0172	0.0154	0.0145	Ave		0.017 2			16.1		20.0				
PCB-1268 Peak 1	0.2283 0.1912	0.2064	0.1931	0.1840	0.1809	Ave		0.197 3			8.9		20.0				
PCB-1268 Peak 2	0.2135 0.1865	0.1946	0.1828	0.1756	0.1761	Ave		0.188 2			7.6		20.0				
PCB-1268 Peak 3	0.1894 0.1622	0.1707	0.1603	0.1535	0.1523	Ave		0.164 7			8.4		20.0				
PCB-1268 Peak 4	0.0830 0.0671	0.0734	0.0672	0.0630	0.0628	Ave		0.069 4			11.1		20.0				
PCB-1268 Peak 5	0.5617 0.5099	0.5144	0.4878	0.4661	0.4697	Ave		0.501 6			7.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 16:53 Calibration End Date: 06/06/2022 18:18 Calibration ID: 66094

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/10	P19060610.D
Level 2	STD01 240-529358/11	P19060611.D
Level 3	STD02 240-529358/12	P19060612.D
Level 4	STD05 240-529358/13	P19060613.D
Level 5	STD1 240-529358/14	P19060614.D
Level 6	STD15 240-529358/15	P19060615.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	919657 18631021	1721568	3406002	7003023	13623844	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	1644812 34733189	3130447	6170607	12761036	24953200	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	3229239 77698364	6161722	12545445	26822623	54479893	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	1397269 34092852	2844960	5644813	11957821	24363768	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	885762 18490358	1684308	3246475	6565664	12902382	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	9497110 236008343	17616511	36382242	78434480	160588717	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	8882015 230184103	16607098	34447559	74850062	156407315	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	7879187 200287580	14571679	30210480	65423631	135259540	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	3451347 82864405	6265751	12655279	26862593	55762647	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	23370428 629485886	43901666	91926462	198656774	417044746	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

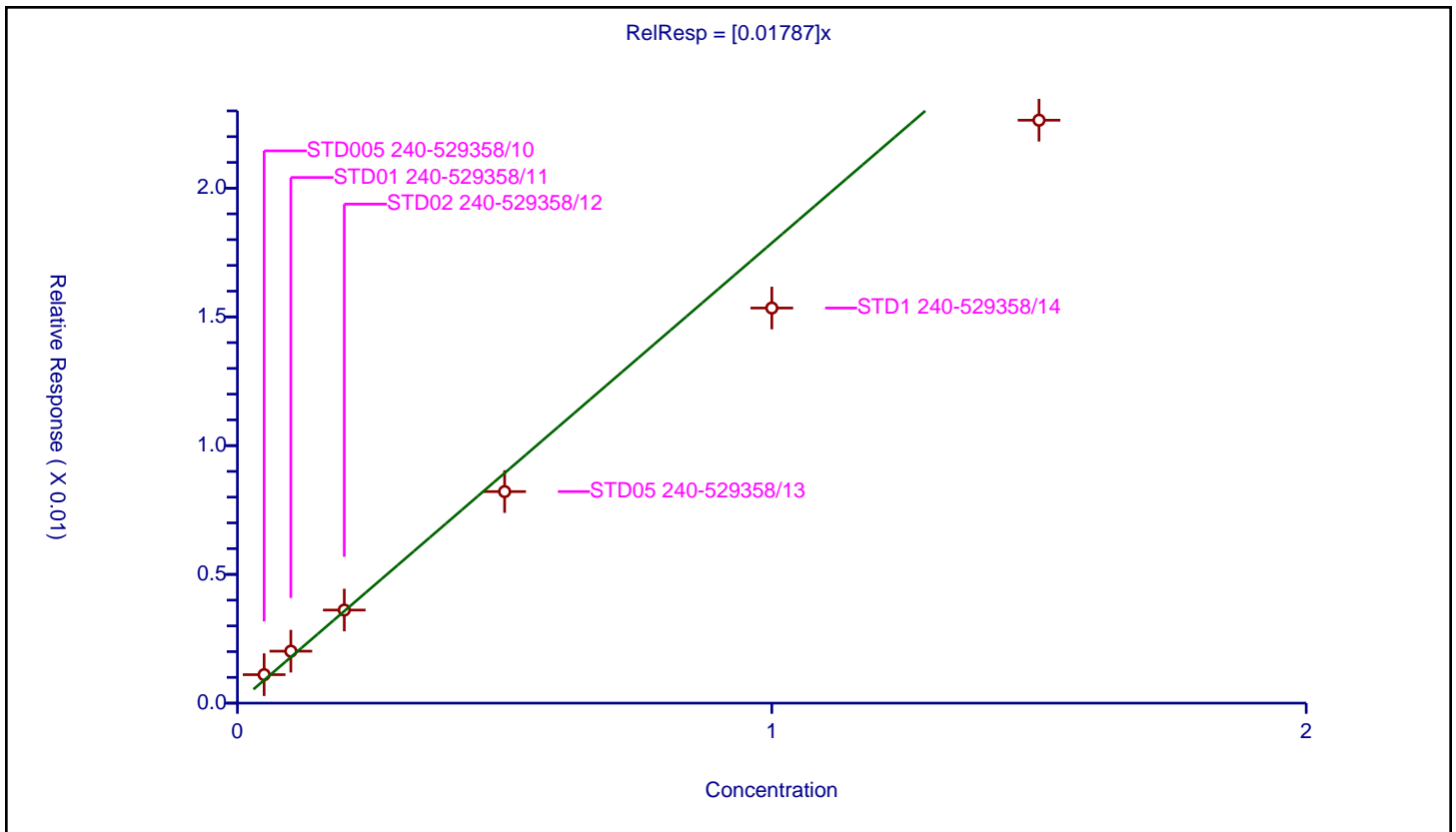
/ PCB-1242 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01787

Error Coefficients	
Standard Error:	10900000
Relative Standard Error:	15.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001105	0.05	41607232.0	0.022103	Y
2	STD01 240-529358/11	0.1	0.002017	0.05	42672683.0	0.020172	Y
3	STD02 240-529358/12	0.2	0.003615	0.05	47115050.0	0.018073	Y
4	STD05 240-529358/13	0.5	0.008215	0.05	42622496.0	0.01643	Y
5	STD1 240-529358/14	1.0	0.015343	0.05	44396577.0	0.015343	Y
6	STD15 240-529358/15	1.5	0.022638	0.05	41150588.0	0.015092	Y



Calibration

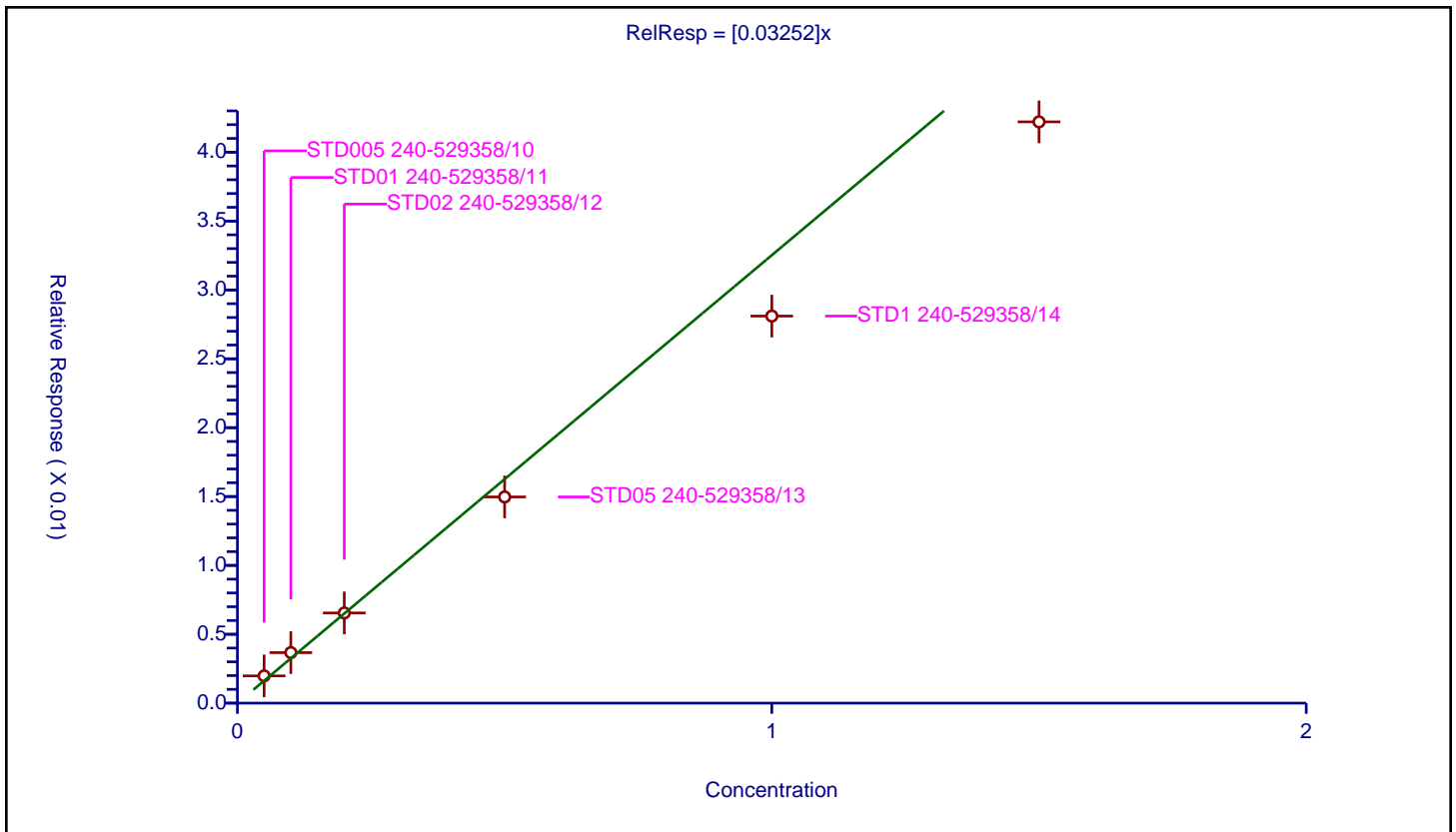
/ PCB-1242 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03252

Error Coefficients	
Standard Error:	20200000
Relative Standard Error:	14.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001977	0.05	41607232.0	0.039532	Y
2	STD01 240-529358/11	0.1	0.003668	0.05	42672683.0	0.03668	Y
3	STD02 240-529358/12	0.2	0.006548	0.05	47115050.0	0.032742	Y
4	STD05 240-529358/13	0.5	0.01497	0.05	42622496.0	0.02994	Y
5	STD1 240-529358/14	1.0	0.028103	0.05	44396577.0	0.028103	Y
6	STD15 240-529358/15	1.5	0.042203	0.05	41150588.0	0.028135	Y



Calibration

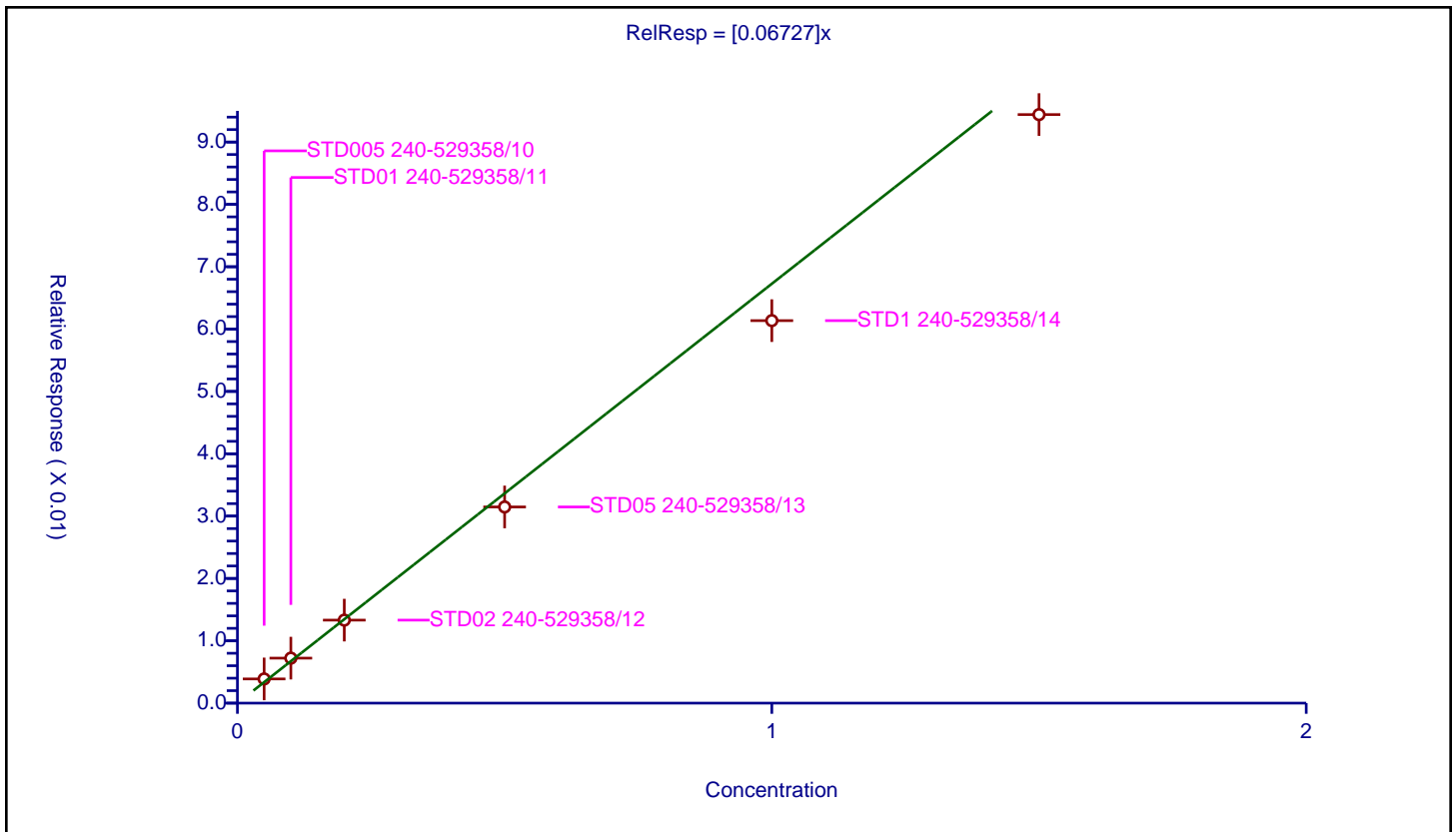
/ PCB-1242 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06727

Error Coefficients	
Standard Error:	44600000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.003881	0.05	41607232.0	0.077612	Y
2	STD01 240-529358/11	0.1	0.00722	0.05	42672683.0	0.072197	Y
3	STD02 240-529358/12	0.2	0.013314	0.05	47115050.0	0.066568	Y
4	STD05 240-529358/13	0.5	0.031465	0.05	42622496.0	0.062931	Y
5	STD1 240-529358/14	1.0	0.061356	0.05	44396577.0	0.061356	Y
6	STD15 240-529358/15	1.5	0.094407	0.05	41150588.0	0.062938	Y



Calibration

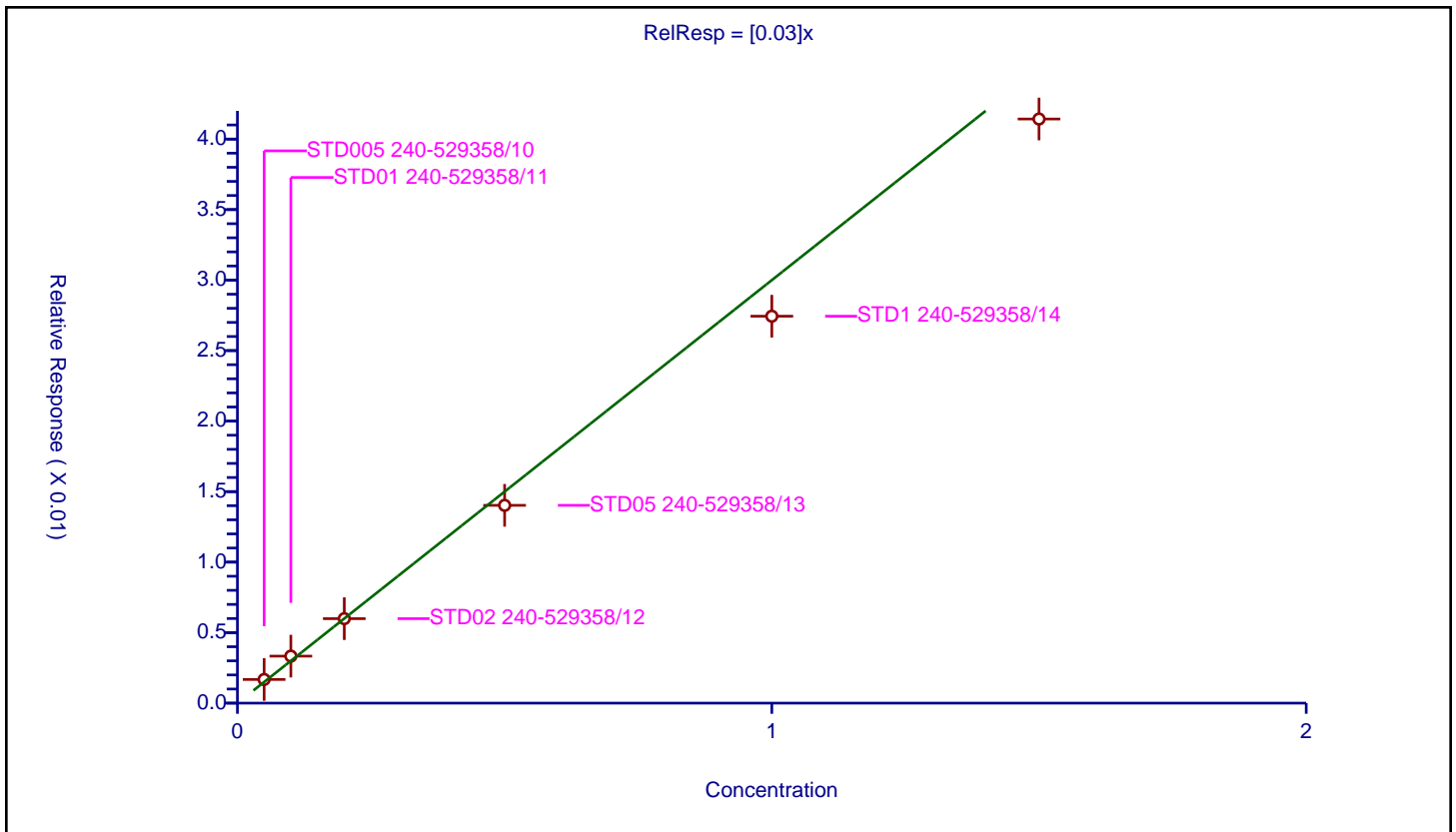
/ PCB-1242 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03

Error Coefficients	
Standard Error:	19700000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001679	0.05	41607232.0	0.033582	Y
2	STD01 240-529358/11	0.1	0.003333	0.05	42672683.0	0.033335	Y
3	STD02 240-529358/12	0.2	0.00599	0.05	47115050.0	0.029952	Y
4	STD05 240-529358/13	0.5	0.014028	0.05	42622496.0	0.028055	Y
5	STD1 240-529358/14	1.0	0.027439	0.05	44396577.0	0.027439	Y
6	STD15 240-529358/15	1.5	0.041425	0.05	41150588.0	0.027616	Y



Calibration

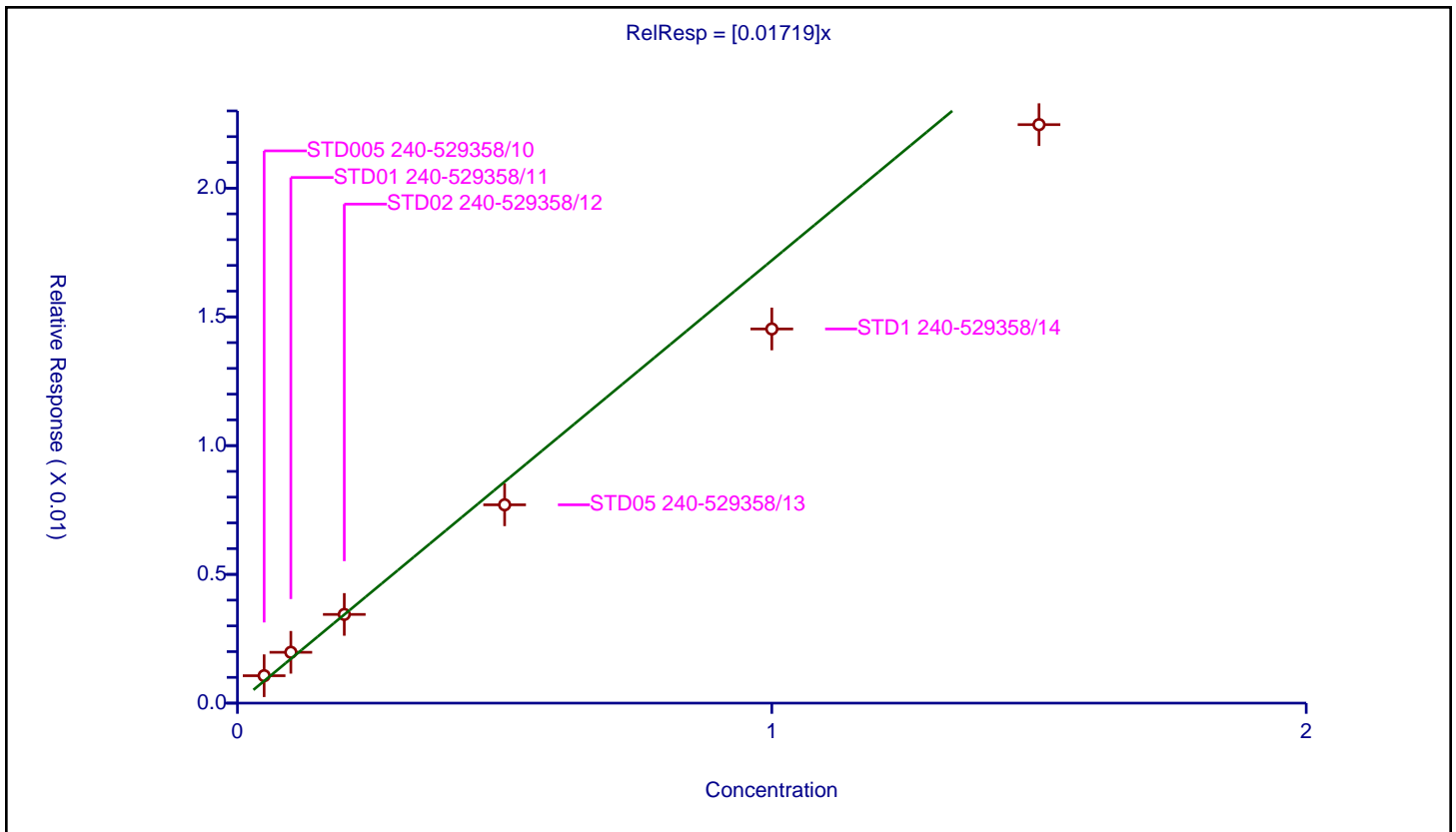
/ PCB-1242 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01719

Error Coefficients	
Standard Error:	10600000
Relative Standard Error:	16.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.001064	0.05	41607232.0	0.021289	Y
2	STD01 240-529358/11	0.1	0.001974	0.05	42672683.0	0.019735	Y
3	STD02 240-529358/12	0.2	0.003445	0.05	47115050.0	0.017226	Y
4	STD05 240-529358/13	0.5	0.007702	0.05	42622496.0	0.015404	Y
5	STD1 240-529358/14	1.0	0.014531	0.05	44396577.0	0.014531	Y
6	STD15 240-529358/15	1.5	0.022467	0.05	41150588.0	0.014978	Y



Calibration

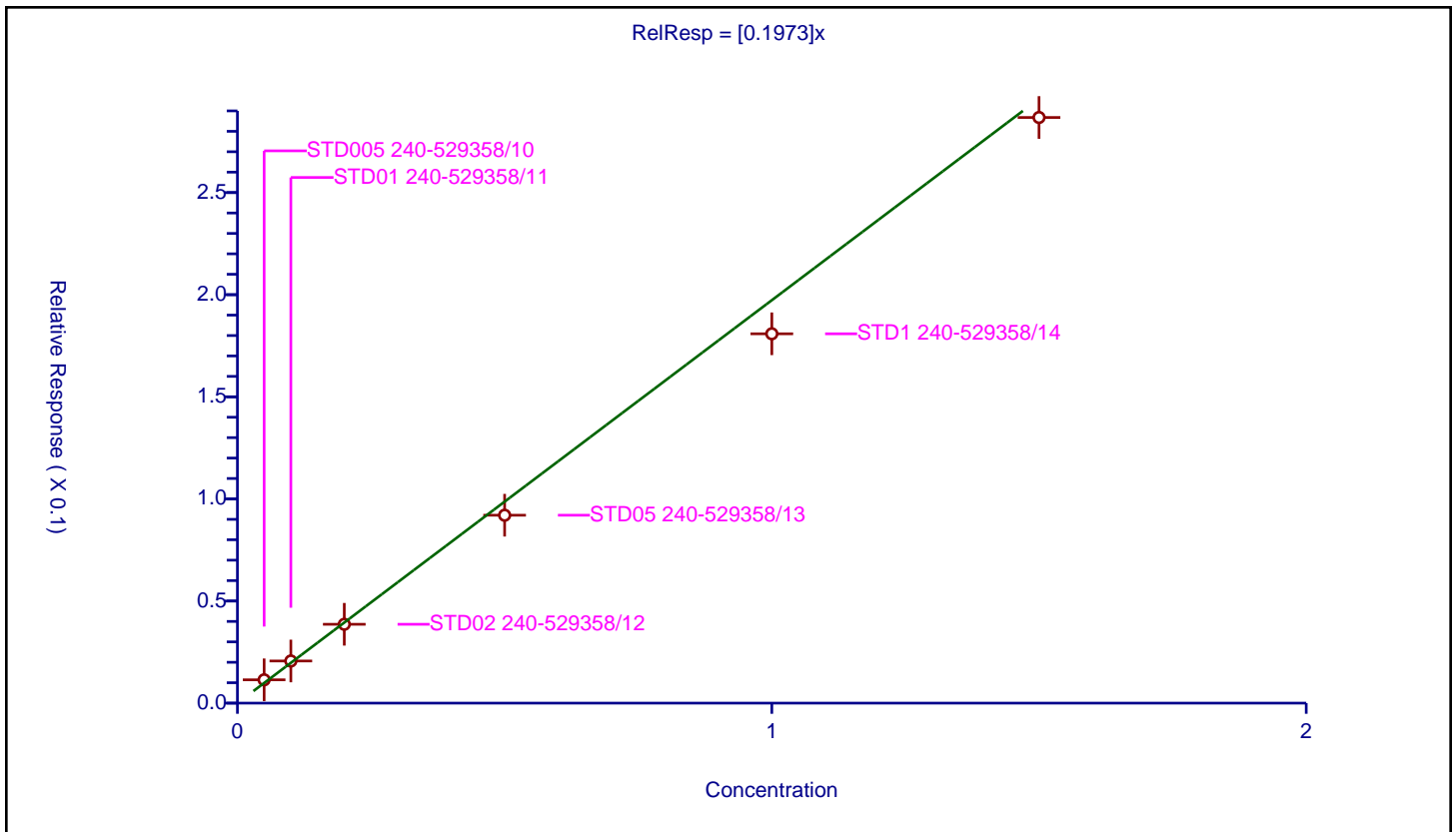
/ PCB-1268 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1973

Error Coefficients	
Standard Error:	134000000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.011413	0.05	41607232.0	0.228256	Y
2	STD01 240-529358/11	0.1	0.020641	0.05	42672683.0	0.206414	Y
3	STD02 240-529358/12	0.2	0.03861	0.05	47115050.0	0.19305	Y
4	STD05 240-529358/13	0.5	0.092011	0.05	42622496.0	0.184021	Y
5	STD1 240-529358/14	1.0	0.180857	0.05	44396577.0	0.180857	Y
6	STD15 240-529358/15	1.5	0.286762	0.05	41150588.0	0.191175	Y



Calibration

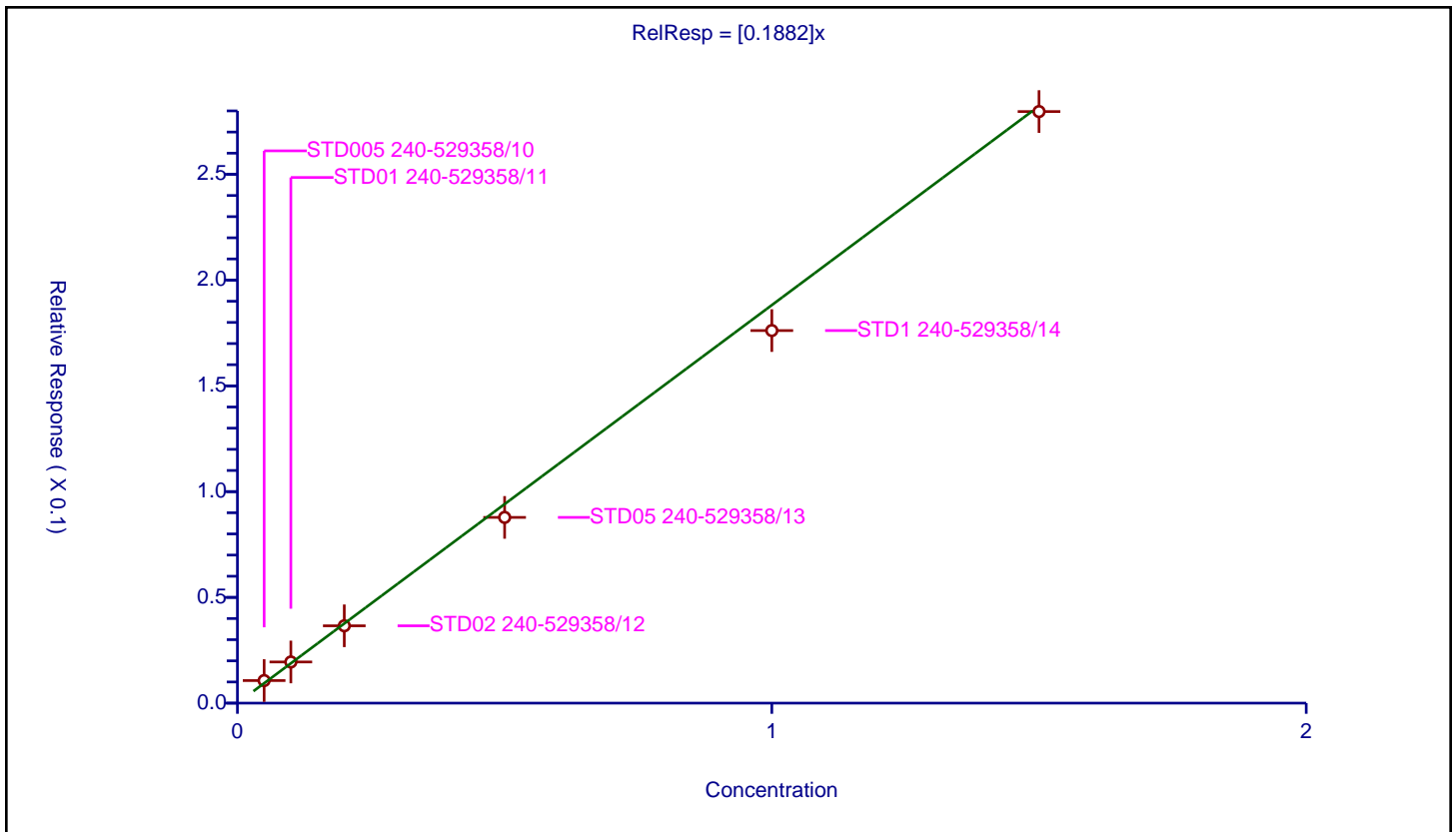
/ PCB-1268 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1882

Error Coefficients	
Standard Error:	130000000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.010674	0.05	41607232.0	0.213473	Y
2	STD01 240-529358/11	0.1	0.019459	0.05	42672683.0	0.194587	Y
3	STD02 240-529358/12	0.2	0.036557	0.05	47115050.0	0.182784	Y
4	STD05 240-529358/13	0.5	0.087806	0.05	42622496.0	0.175612	Y
5	STD1 240-529358/14	1.0	0.176148	0.05	44396577.0	0.176148	Y
6	STD15 240-529358/15	1.5	0.279685	0.05	41150588.0	0.186457	Y



Calibration

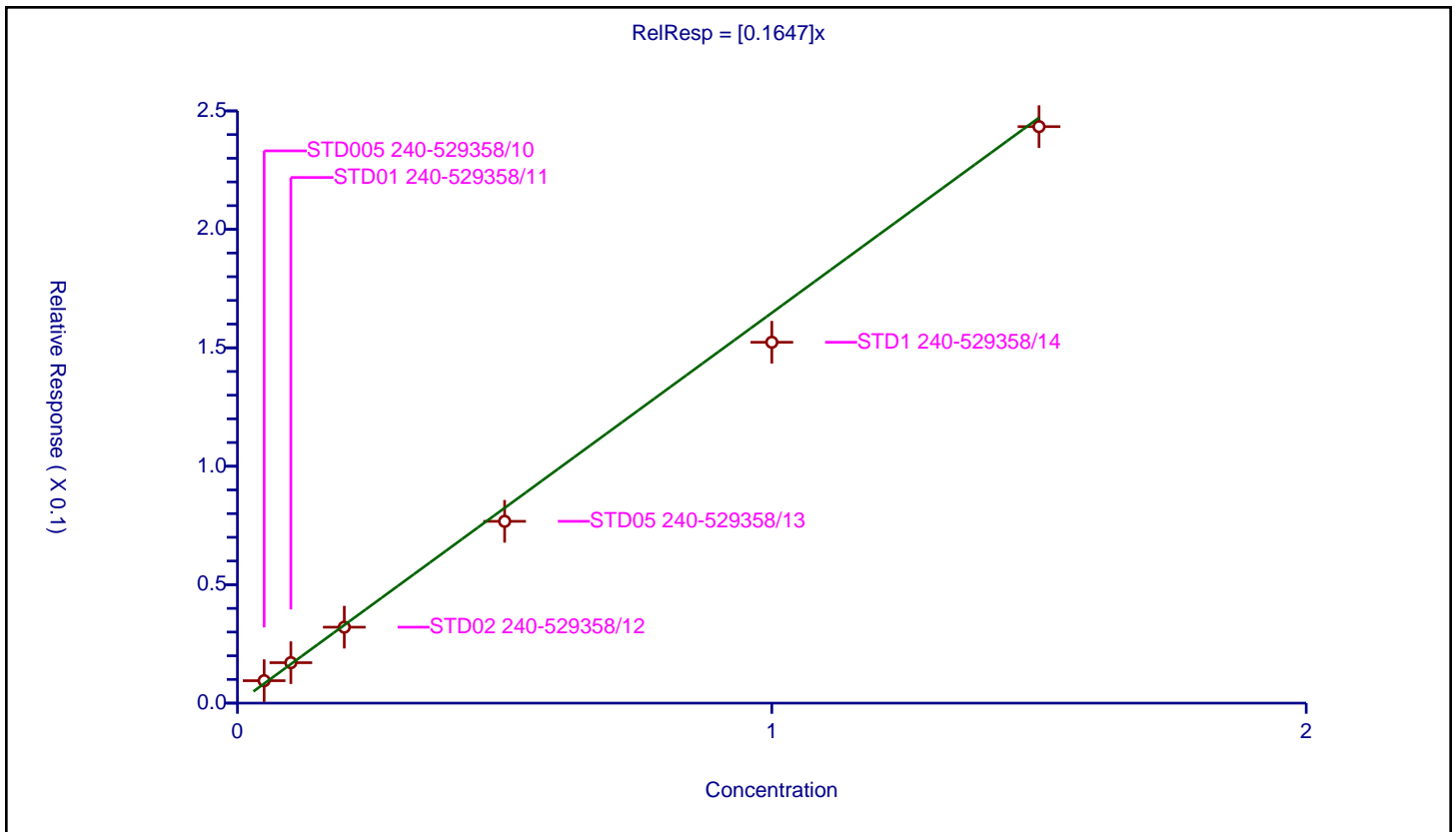
/ PCB-1268 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1647

Error Coefficients	
Standard Error:	113000000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.009469	0.05	41607232.0	0.189371	Y
2	STD01 240-529358/11	0.1	0.017074	0.05	42672683.0	0.170738	Y
3	STD02 240-529358/12	0.2	0.03206	0.05	47115050.0	0.160302	Y
4	STD05 240-529358/13	0.5	0.076748	0.05	42622496.0	0.153496	Y
5	STD1 240-529358/14	1.0	0.152331	0.05	44396577.0	0.152331	Y
6	STD15 240-529358/15	1.5	0.243359	0.05	41150588.0	0.16224	Y



Calibration

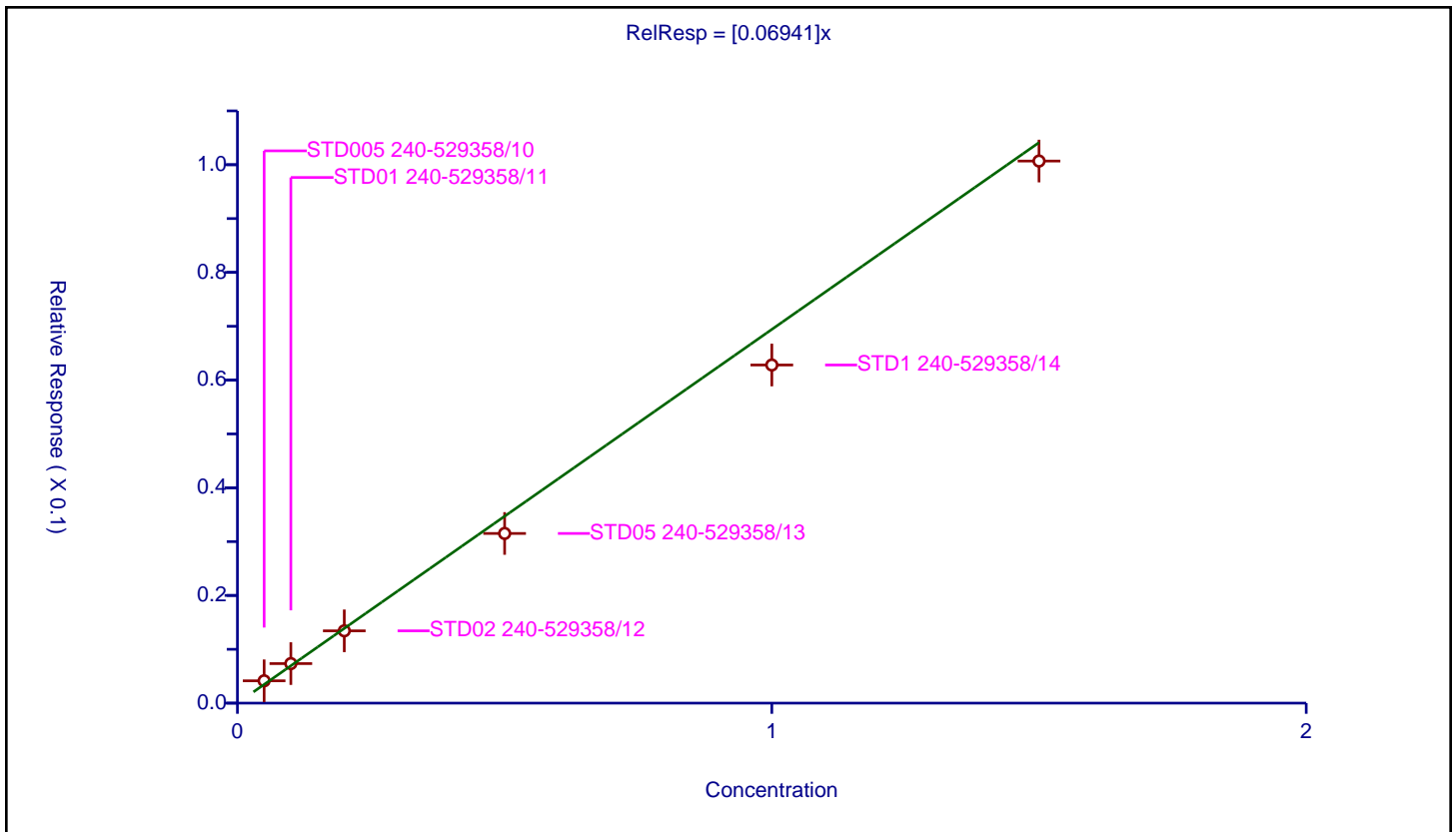
/ PCB-1268 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06941

Error Coefficients	
Standard Error:	46700000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.004148	0.05	41607232.0	0.082951	Y
2	STD01 240-529358/11	0.1	0.007342	0.05	42672683.0	0.073416	Y
3	STD02 240-529358/12	0.2	0.01343	0.05	47115050.0	0.067151	Y
4	STD05 240-529358/13	0.5	0.031512	0.05	42622496.0	0.063024	Y
5	STD1 240-529358/14	1.0	0.062801	0.05	44396577.0	0.062801	Y
6	STD15 240-529358/15	1.5	0.100684	0.05	41150588.0	0.067123	Y



Calibration

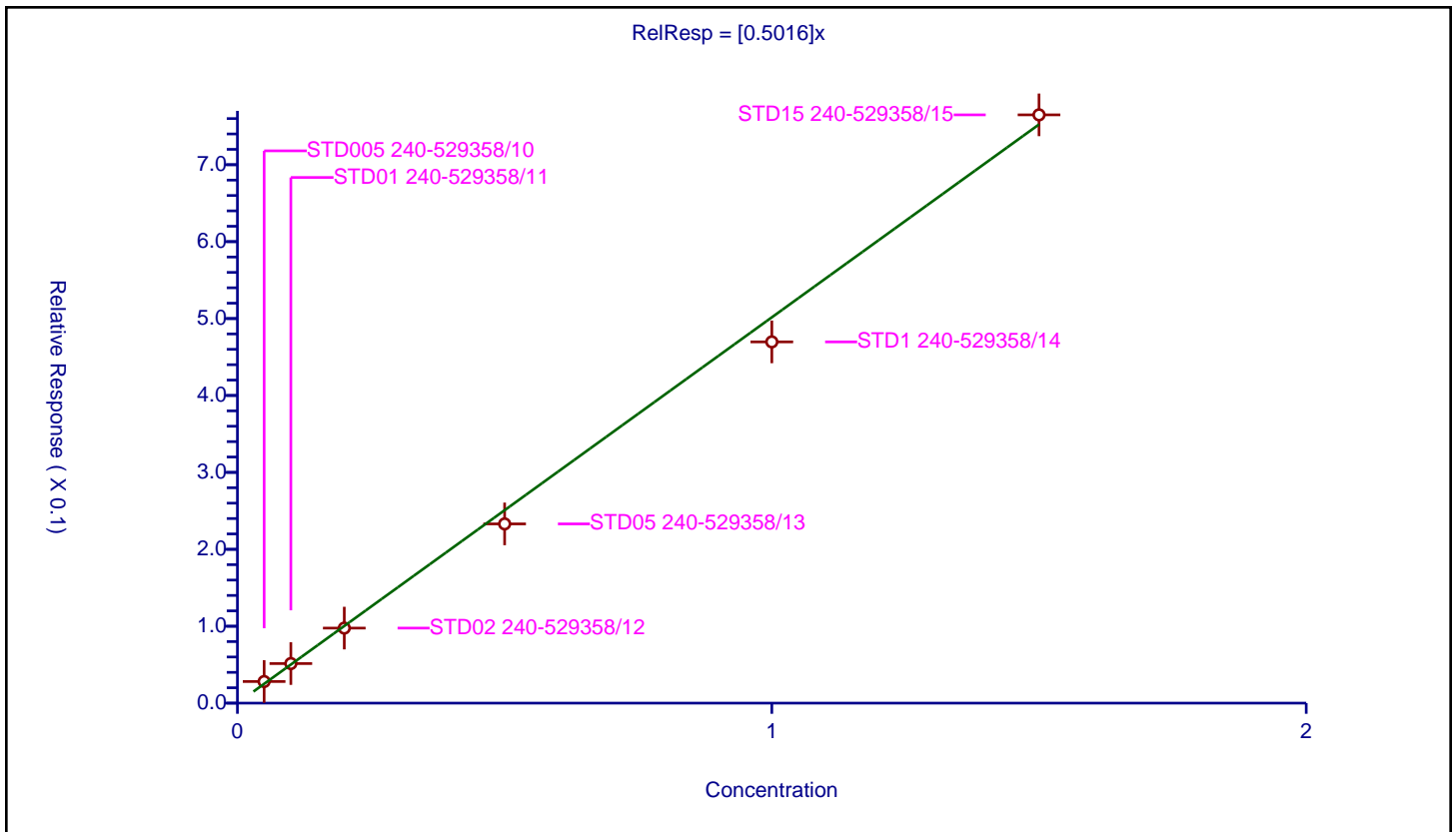
/ PCB-1268 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5016

Error Coefficients	
Standard Error:	352000000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/10	0.05	0.028085	0.05	41607232.0	0.561691	Y
2	STD01 240-529358/11	0.1	0.05144	0.05	42672683.0	0.5144	Y
3	STD02 240-529358/12	0.2	0.097555	0.05	47115050.0	0.487777	Y
4	STD05 240-529358/13	0.5	0.233042	0.05	42622496.0	0.466084	Y
5	STD1 240-529358/14	1.0	0.469681	0.05	44396577.0	0.469681	Y
6	STD15 240-529358/15	1.5	0.764856	0.05	41150588.0	0.509904	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 18:34 Calibration End Date: 06/06/2022 19:59 Calibration ID: 66101

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/16	P19060616.D
Level 2	STD01 240-529358/17	P19060617.D
Level 3	STD02 240-529358/18	P19060618.D
Level 4	STD05 240-529358/19	P19060619.D
Level 5	STD1 240-529358/20	P19060620.D
Level 6	STD15 240-529358/21	P19060621.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0156 0.0137	0.0174	0.0169	0.0150	0.0151	Ave		0.015 6			8.6		20.0				
PCB-1248 Peak 2	0.0460 0.0384	0.0450	0.0425	0.0399	0.0395	Ave		0.041 9			7.4		20.0				
PCB-1248 Peak 3	0.0505 0.0405	0.0487	0.0463	0.0431	0.0418	Ave		0.045 1			8.8		20.0				
PCB-1248 Peak 4	0.0380 0.0316	0.0360	0.0350	0.0329	0.0324	Ave		0.034 3			7.1		20.0				
PCB-1248 Peak 5	0.0243 0.0212	0.0245	0.0241	0.0232	0.0217	Ave		0.023 2			6.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 18:34 Calibration End Date: 06/06/2022 19:59 Calibration ID: 66101

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/16	P19060616.D
Level 2	STD01 240-529358/17	P19060617.D
Level 3	STD02 240-529358/18	P19060618.D
Level 4	STD05 240-529358/19	P19060619.D
Level 5	STD1 240-529358/20	P19060620.D
Level 6	STD15 240-529358/21	P19060621.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	601620 16424199	1287261	2472754	5520493	11203141	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	1770994 46037274	3336547	6198786	14672402	29299678	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	1941572 48496144	3613311	6757333	15825720	31013184	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	1459722 37911463	2672448	5104740	12104405	24005318	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	933815 25462732	1815112	3522413	8518460	16055927	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

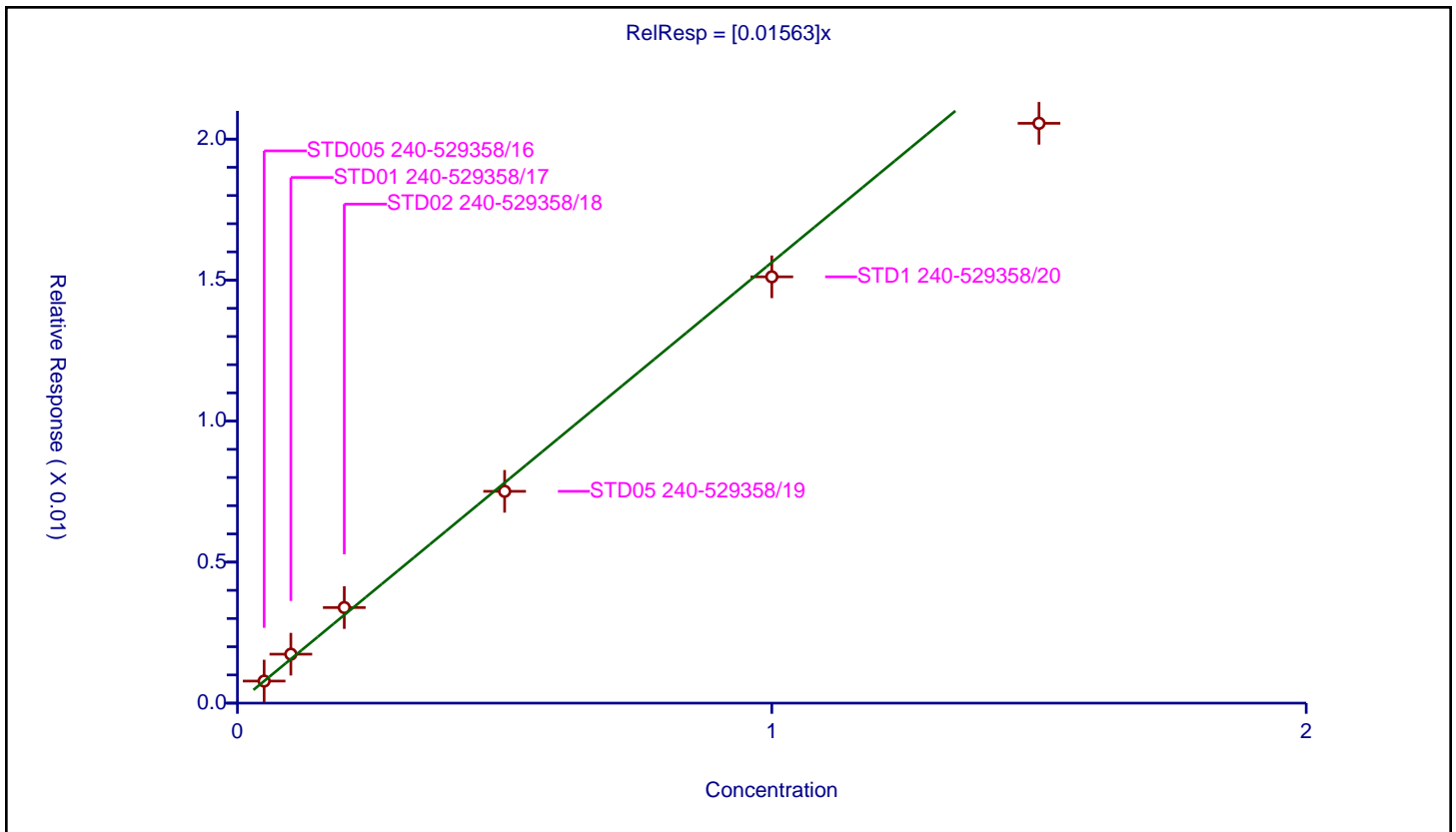
/ PCB-1248 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01563

Error Coefficients	
Standard Error:	9320000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.000782	0.05	38463081.0	0.015641	Y
2	STD01 240-529358/17	0.1	0.001735	0.05	37086303.0	0.017355	Y
3	STD02 240-529358/18	0.2	0.003389	0.05	36486402.0	0.016943	Y
4	STD05 240-529358/19	0.5	0.007511	0.05	36751693.0	0.015021	Y
5	STD1 240-529358/20	1.0	0.015116	0.05	37056575.0	0.015116	Y
6	STD15 240-529358/21	1.5	0.02056	0.05	39943025.0	0.013706	Y



Calibration

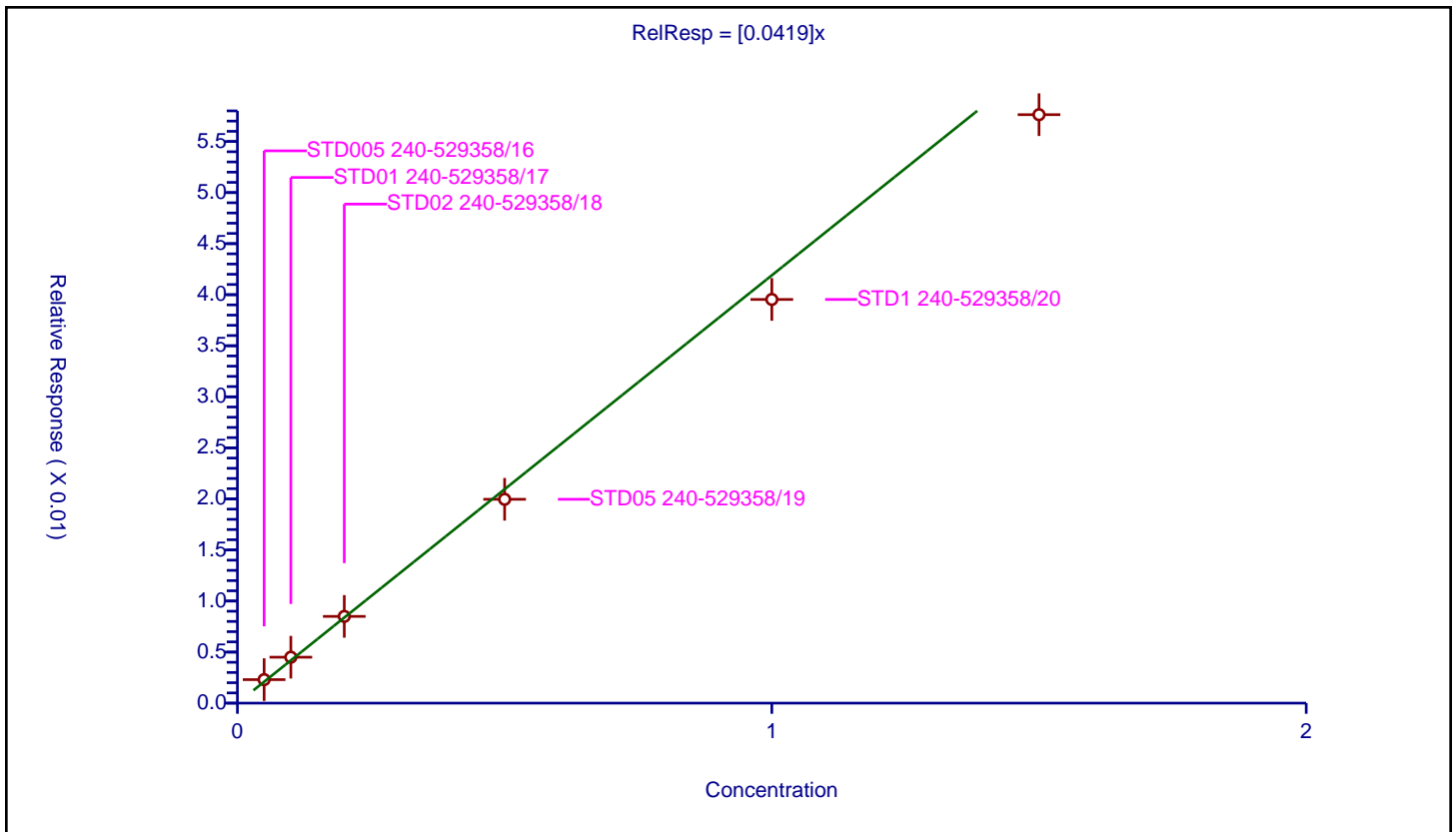
/ PCB-1248 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0419

Error Coefficients	
Standard Error:	25500000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.002302	0.05	38463081.0	0.046044	Y
2	STD01 240-529358/17	0.1	0.004498	0.05	37086303.0	0.044984	Y
3	STD02 240-529358/18	0.2	0.008495	0.05	36486402.0	0.042473	Y
4	STD05 240-529358/19	0.5	0.019962	0.05	36751693.0	0.039923	Y
5	STD1 240-529358/20	1.0	0.039534	0.05	37056575.0	0.039534	Y
6	STD15 240-529358/21	1.5	0.057629	0.05	39943025.0	0.038419	Y



Calibration

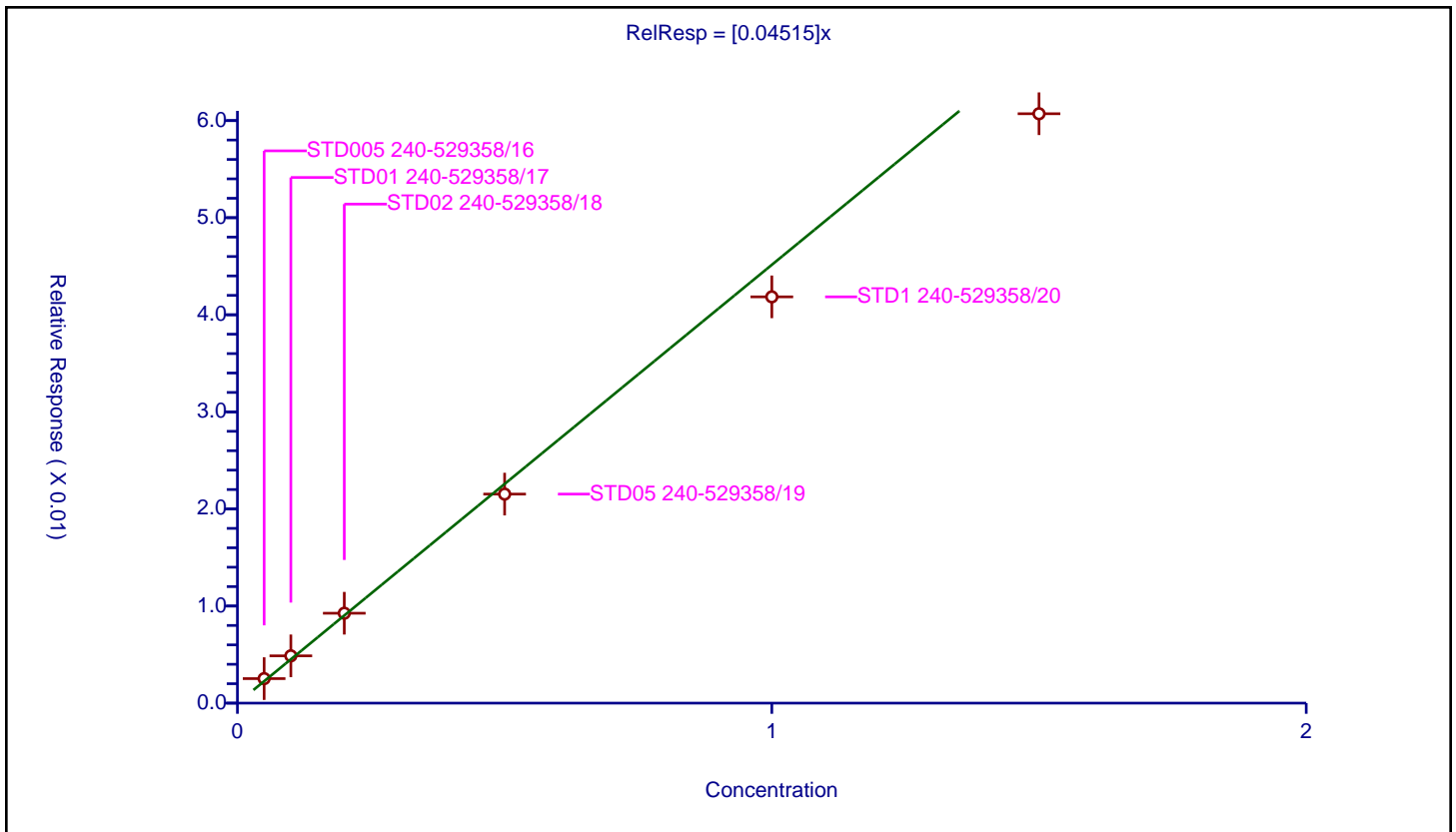
/ PCB-1248 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04515

Error Coefficients	
Standard Error:	26900000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.002524	0.05	38463081.0	0.050479	Y
2	STD01 240-529358/17	0.1	0.004871	0.05	37086303.0	0.048715	Y
3	STD02 240-529358/18	0.2	0.00926	0.05	36486402.0	0.0463	Y
4	STD05 240-529358/19	0.5	0.021531	0.05	36751693.0	0.043061	Y
5	STD1 240-529358/20	1.0	0.041846	0.05	37056575.0	0.041846	Y
6	STD15 240-529358/21	1.5	0.060707	0.05	39943025.0	0.040471	Y



Calibration

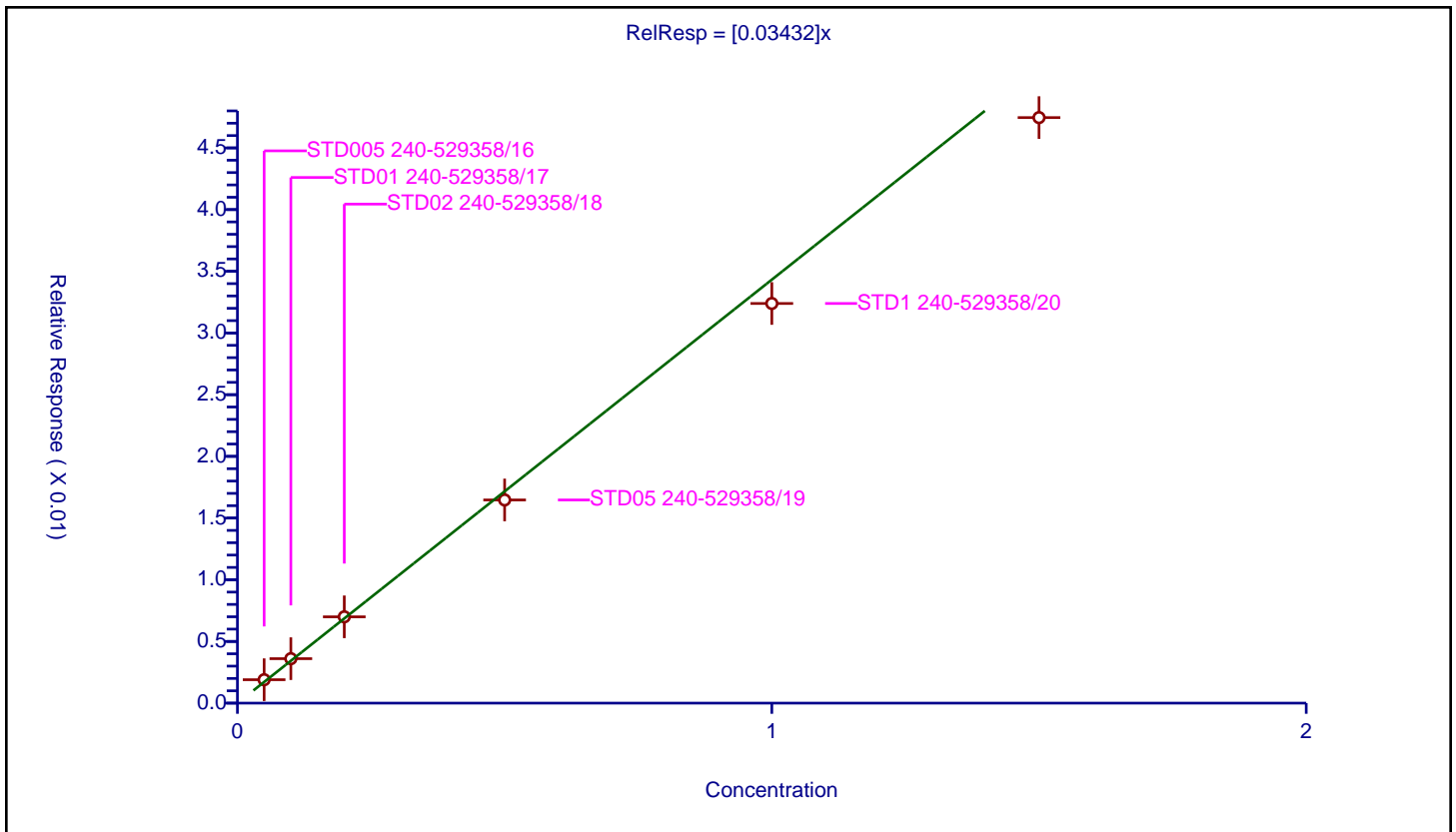
/ PCB-1248 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03432

Error Coefficients	
Standard Error:	21000000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.001898	0.05	38463081.0	0.037951	Y
2	STD01 240-529358/17	0.1	0.003603	0.05	37086303.0	0.03603	Y
3	STD02 240-529358/18	0.2	0.006995	0.05	36486402.0	0.034977	Y
4	STD05 240-529358/19	0.5	0.016468	0.05	36751693.0	0.032936	Y
5	STD1 240-529358/20	1.0	0.03239	0.05	37056575.0	0.03239	Y
6	STD15 240-529358/21	1.5	0.047457	0.05	39943025.0	0.031638	Y



Calibration

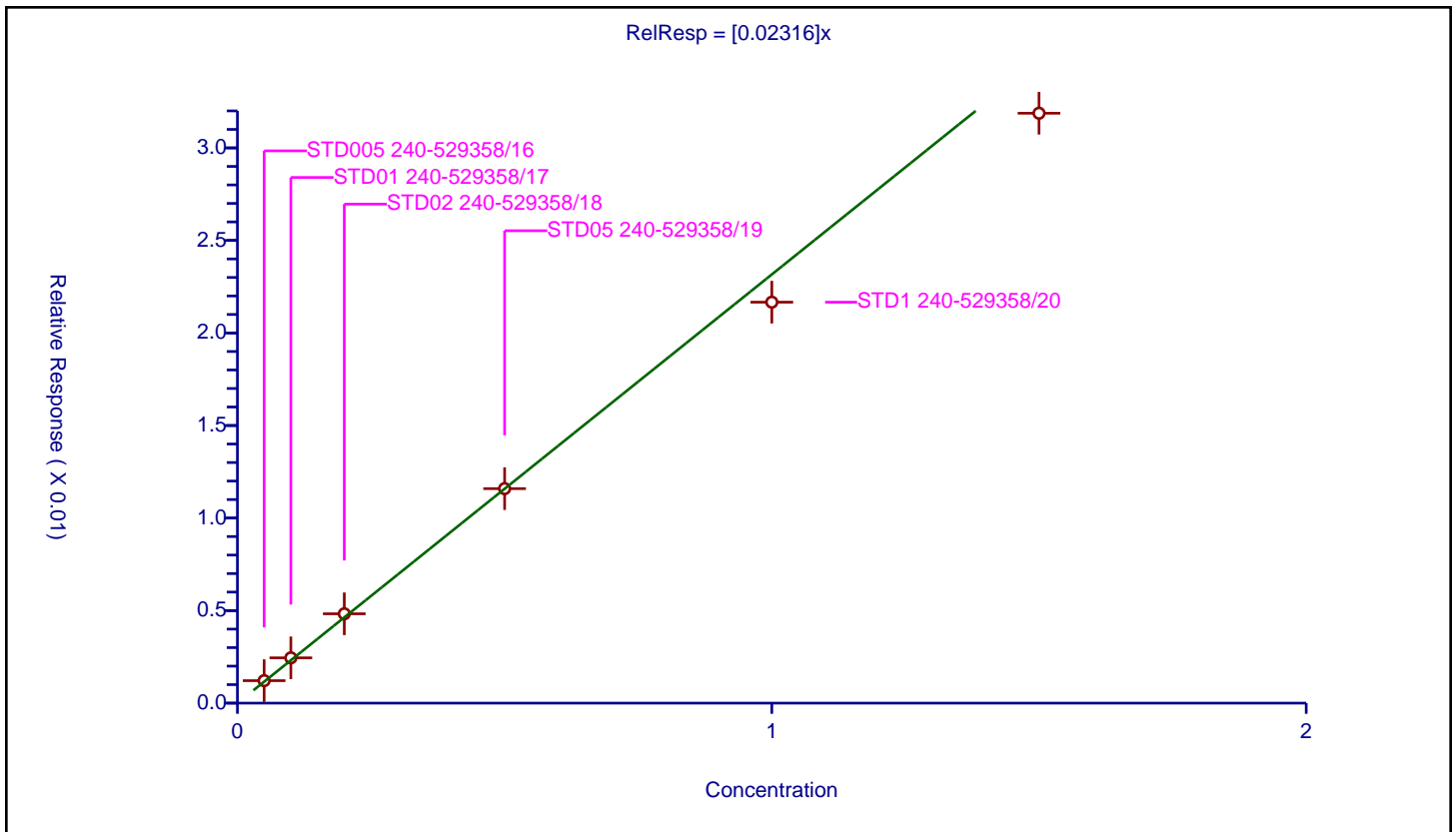
/ PCB-1248 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02316

Error Coefficients	
Standard Error:	14100000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.001214	0.05	38463081.0	0.024278	Y
2	STD01 240-529358/17	0.1	0.002447	0.05	37086303.0	0.024471	Y
3	STD02 240-529358/18	0.2	0.004827	0.05	36486402.0	0.024135	Y
4	STD05 240-529358/19	0.5	0.011589	0.05	36751693.0	0.023178	Y
5	STD1 240-529358/20	1.0	0.021664	0.05	37056575.0	0.021664	Y
6	STD15 240-529358/21	1.5	0.031874	0.05	39943025.0	0.021249	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 18:34 Calibration End Date: 06/06/2022 19:59 Calibration ID: 66102

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/16	P19060616.D
Level 2	STD01 240-529358/17	P19060617.D
Level 3	STD02 240-529358/18	P19060618.D
Level 4	STD05 240-529358/19	P19060619.D
Level 5	STD1 240-529358/20	P19060620.D
Level 6	STD15 240-529358/21	P19060621.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0213 0.0152	0.0202	0.0187	0.0170	0.0162	Ave		0.018 1			13.2		20.0				
PCB-1248 Peak 2	0.0516 0.0411	0.0482	0.0454	0.0430	0.0424	Ave		0.045 3			8.8		20.0				
PCB-1248 Peak 3	0.0478 0.0335	0.0425	0.0387	0.0360	0.0349	Ave		0.038 9			13.9		20.0				
PCB-1248 Peak 4	0.0512 0.0425	0.0501	0.0467	0.0445	0.0427	Ave		0.046 3			8.0		20.0				
PCB-1248 Peak 5	0.0312 0.0243	0.0299	0.0277	0.0262	0.0248	Ave		0.027 3			10.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 18:34 Calibration End Date: 06/06/2022 19:59 Calibration ID: 66102

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/16	P19060616.D
Level 2	STD01 240-529358/17	P19060617.D
Level 3	STD02 240-529358/18	P19060618.D
Level 4	STD05 240-529358/19	P19060619.D
Level 5	STD1 240-529358/20	P19060620.D
Level 6	STD15 240-529358/21	P19060621.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	921056 20391801	1687743	3067168	6997292	13449397	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	2228513 55214550	4022990	7439803	17686138	35208727	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	2061820 44932771	3549072	6350447	14788646	28970325	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	2208458 57079628	4181527	7658106	18286618	35443324	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	1344555 32604862	2494233	4537578	10777062	20624704	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

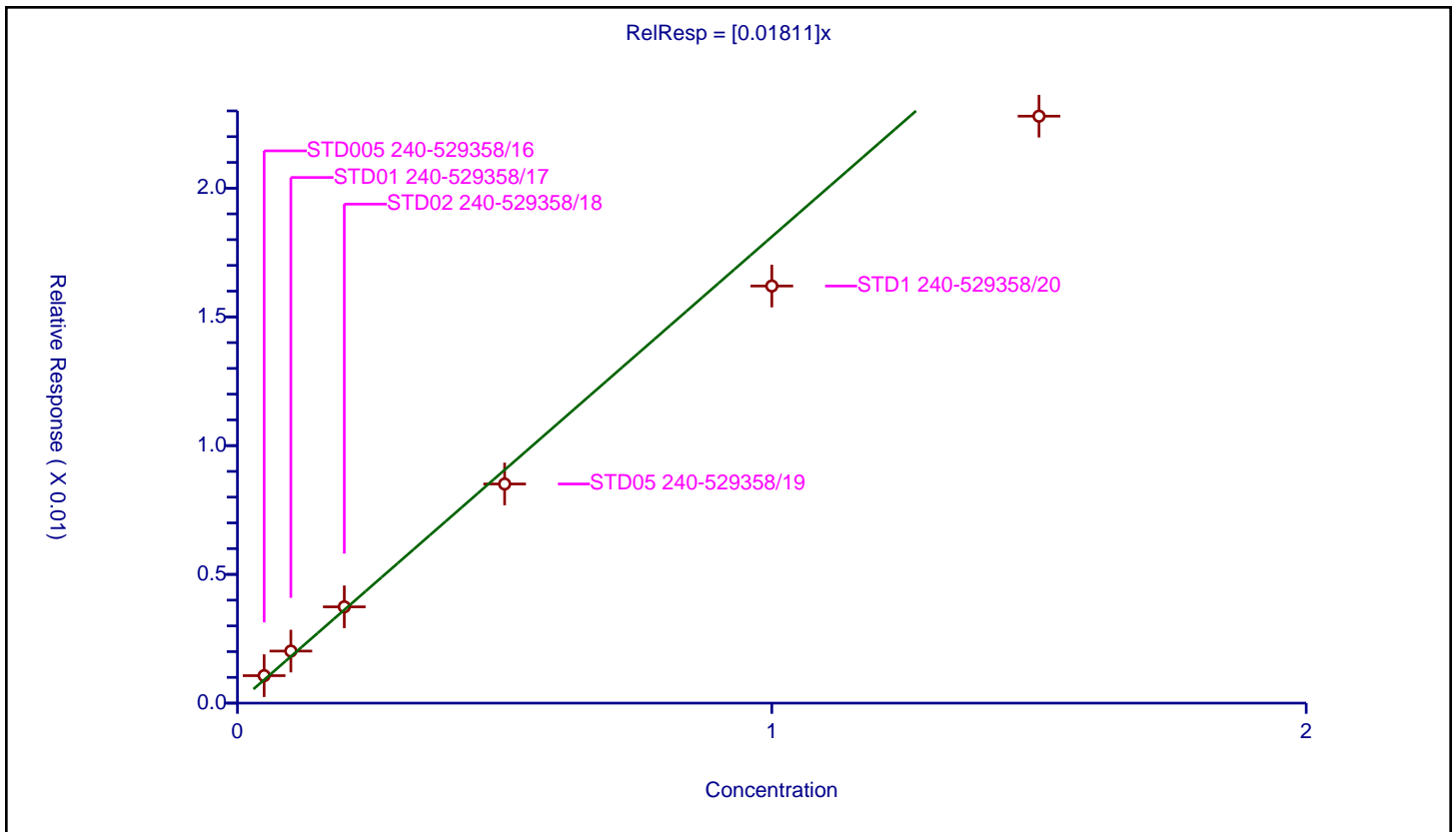
/ PCB-1248 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01811

Error Coefficients	
Standard Error:	11500000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.001067	0.05	43161191.0	0.02134	Y
2	STD01 240-529358/17	0.1	0.002022	0.05	41740804.0	0.020217	Y
3	STD02 240-529358/18	0.2	0.00374	0.05	41005792.0	0.0187	Y
4	STD05 240-529358/19	0.5	0.008511	0.05	41106516.0	0.017022	Y
5	STD1 240-529358/20	1.0	0.0162	0.05	41511557.0	0.0162	Y
6	STD15 240-529358/21	1.5	0.022796	0.05	44727596.0	0.015197	Y



Calibration

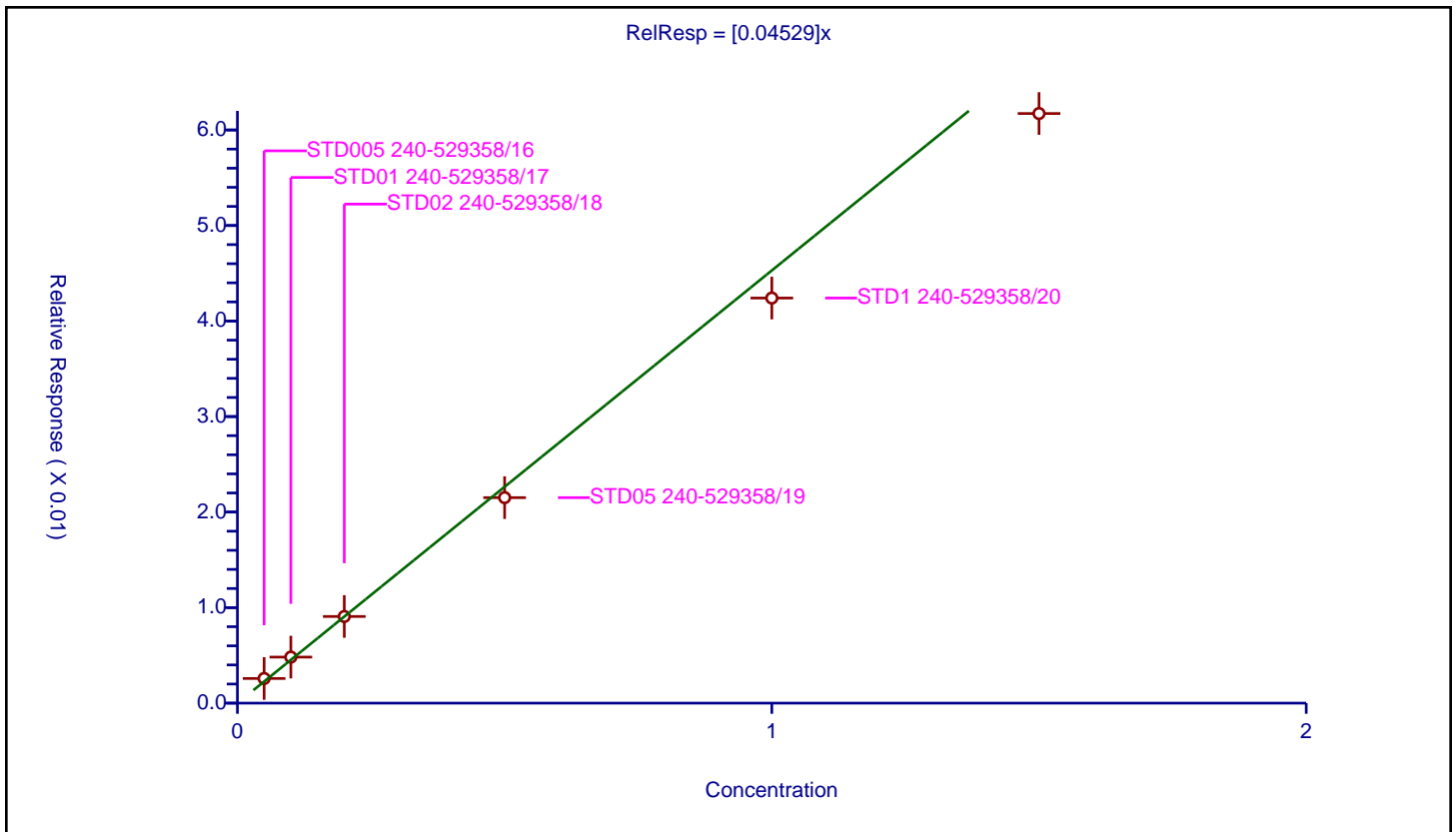
/ PCB-1248 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04529

Error Coefficients	
Standard Error:	30600000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.002582	0.05	43161191.0	0.051632	Y
2	STD01 240-529358/17	0.1	0.004819	0.05	41740804.0	0.04819	Y
3	STD02 240-529358/18	0.2	0.009072	0.05	41005792.0	0.045358	Y
4	STD05 240-529358/19	0.5	0.021513	0.05	41106516.0	0.043025	Y
5	STD1 240-529358/20	1.0	0.042408	0.05	41511557.0	0.042408	Y
6	STD15 240-529358/21	1.5	0.061723	0.05	44727596.0	0.041149	Y



Calibration

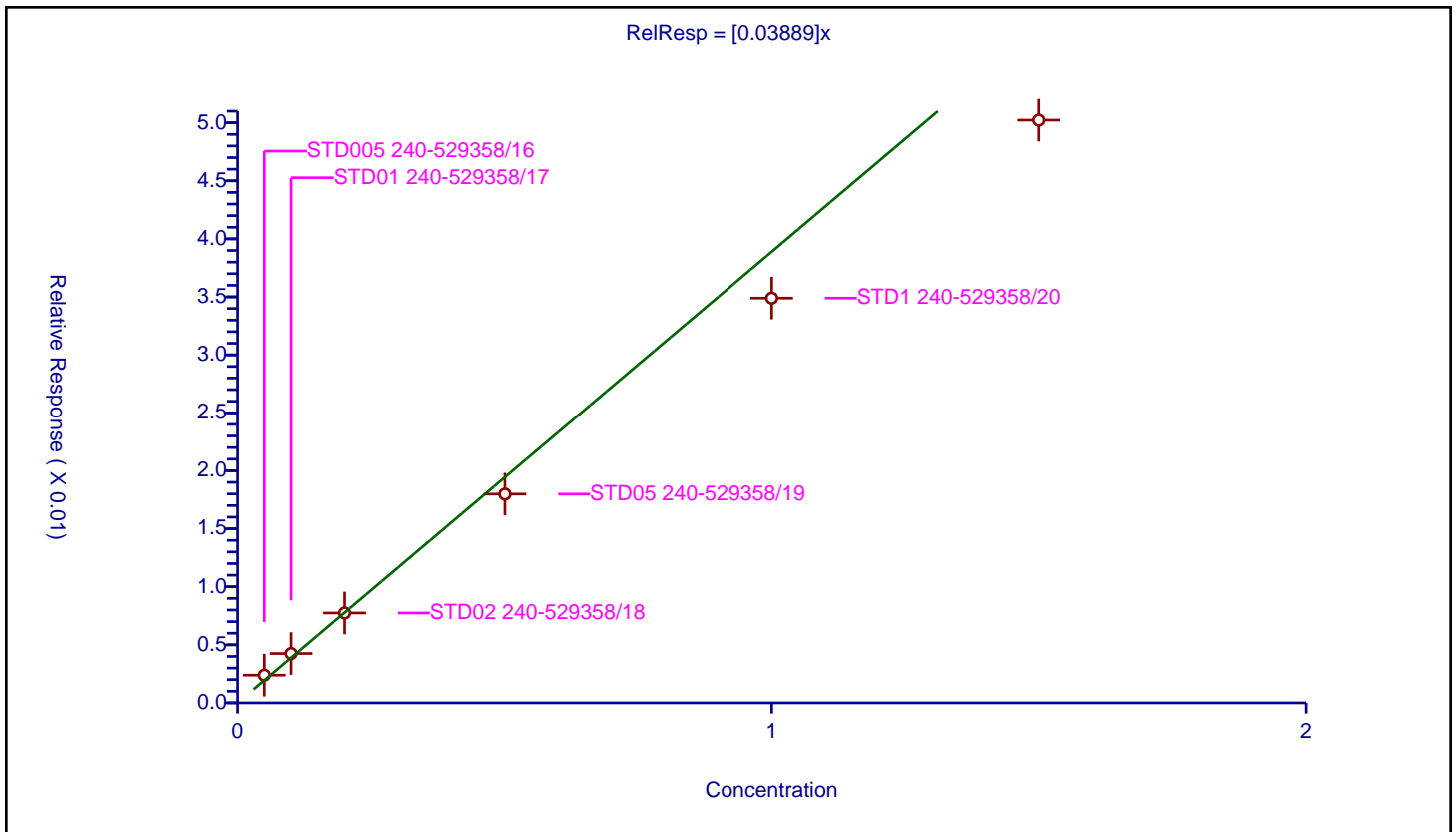
/ PCB-1248 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03889

Error Coefficients	
Standard Error:	25000000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.002389	0.05	43161191.0	0.04777	Y
2	STD01 240-529358/17	0.1	0.004251	0.05	41740804.0	0.042513	Y
3	STD02 240-529358/18	0.2	0.007743	0.05	41005792.0	0.038717	Y
4	STD05 240-529358/19	0.5	0.017988	0.05	41106516.0	0.035976	Y
5	STD1 240-529358/20	1.0	0.034894	0.05	41511557.0	0.034894	Y
6	STD15 240-529358/21	1.5	0.050229	0.05	44727596.0	0.033486	Y



Calibration

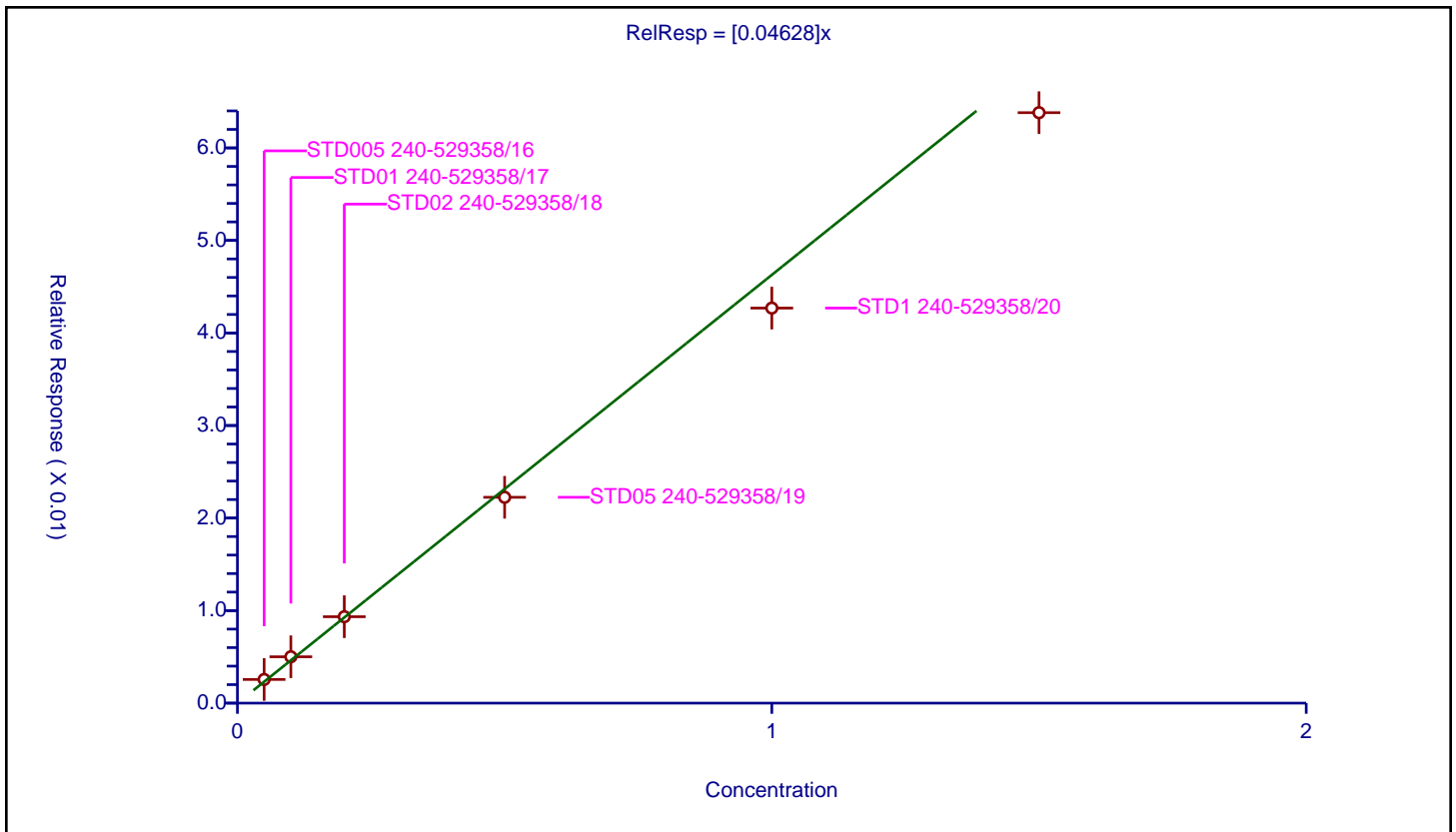
/ PCB-1248 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04628

Error Coefficients	
Standard Error:	31400000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.002558	0.05	43161191.0	0.051168	Y
2	STD01 240-529358/17	0.1	0.005009	0.05	41740804.0	0.050089	Y
3	STD02 240-529358/18	0.2	0.009338	0.05	41005792.0	0.046689	Y
4	STD05 240-529358/19	0.5	0.022243	0.05	41106516.0	0.044486	Y
5	STD1 240-529358/20	1.0	0.042691	0.05	41511557.0	0.042691	Y
6	STD15 240-529358/21	1.5	0.063808	0.05	44727596.0	0.042539	Y



Calibration

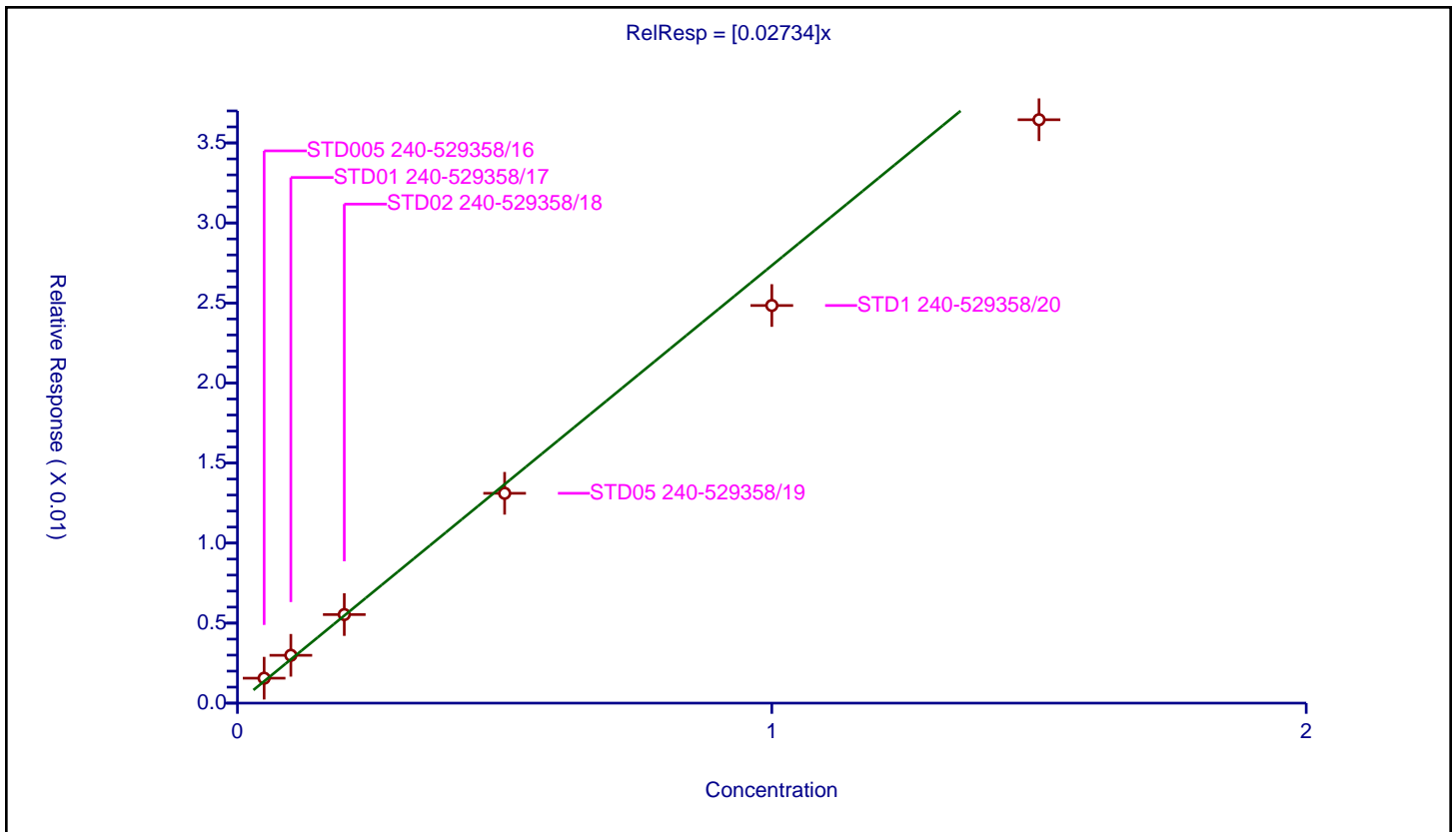
/ PCB-1248 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02734

Error Coefficients	
Standard Error:	18100000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/16	0.05	0.001558	0.05	43161191.0	0.031152	Y
2	STD01 240-529358/17	0.1	0.002988	0.05	41740804.0	0.029878	Y
3	STD02 240-529358/18	0.2	0.005533	0.05	41005792.0	0.027664	Y
4	STD05 240-529358/19	0.5	0.013109	0.05	41106516.0	0.026217	Y
5	STD1 240-529358/20	1.0	0.024842	0.05	41511557.0	0.024842	Y
6	STD15 240-529358/21	1.5	0.036448	0.05	44727596.0	0.024299	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 20:15 Calibration End Date: 06/06/2022 21:39 Calibration ID: 66109

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/22	P19060622.D
Level 2	STD01 240-529358/23	P19060623.D
Level 3	STD02 240-529358/24	P19060624.D
Level 4	STD05 240-529358/25	P19060625.D
Level 5	STD1 240-529358/26	P19060626.D
Level 6	STD15 240-529358/27	P19060627.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0142 0.0113	0.0139	0.0113	0.0122	0.0117	Ave		0.012 4			10.5		20.0				
PCB-1221 Peak 2	0.0097 0.0074	0.0094	0.0077	0.0081	0.0078	Ave		0.008 3			11.4		20.0				
PCB-1221 Peak 3	0.0360 0.0272	0.0340	0.0269	0.0291	0.0281	Ave		0.030 2			12.6		20.0				
PCB-1254 Peak 1	0.0454 0.0358	0.0432	0.0328	0.0359	0.0371	Ave		0.038 3			12.7		20.0				
PCB-1254 Peak 2	0.0635 0.0517	0.0611	0.0463	0.0508	0.0529	Ave		0.054 4			12.1		20.0				
PCB-1254 Peak 3	0.0859 0.0752	0.0844	0.0650	0.0737	0.0775	Ave		0.077 0			9.9		20.0				
PCB-1254 Peak 4	0.0681 0.0562	0.0638	0.0487	0.0548	0.0580	Ave		0.058 3			11.8		20.0				
PCB-1254 Peak 5	0.0922 0.0789	0.0885	0.0679	0.0770	0.0817	Ave		0.081 0			10.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 20:15 Calibration End Date: 06/06/2022 21:39 Calibration ID: 66109

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/22	P19060622.D
Level 2	STD01 240-529358/23	P19060623.D
Level 3	STD02 240-529358/24	P19060624.D
Level 4	STD05 240-529358/25	P19060625.D
Level 5	STD1 240-529358/26	P19060626.D
Level 6	STD15 240-529358/27	P19060627.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Ave	488227 11206740	919189	1678083	4235641	7819759	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Ave	332910 7358824	617915	1141608	2825664	5191461	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	1238366 26933514	2241022	4015514	10130843	18769468	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	1560013 35365213	2844814	4880947	12498639	24767690	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	2184356 51137034	4025646	6899014	17694771	35309724	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	2955081 74333924	5563346	9687218	25681216	51756879	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	2342733 55589055	4203118	7251802	19091383	38691201	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	3169848 77961173	5833352	10114612	26815588	54552766	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

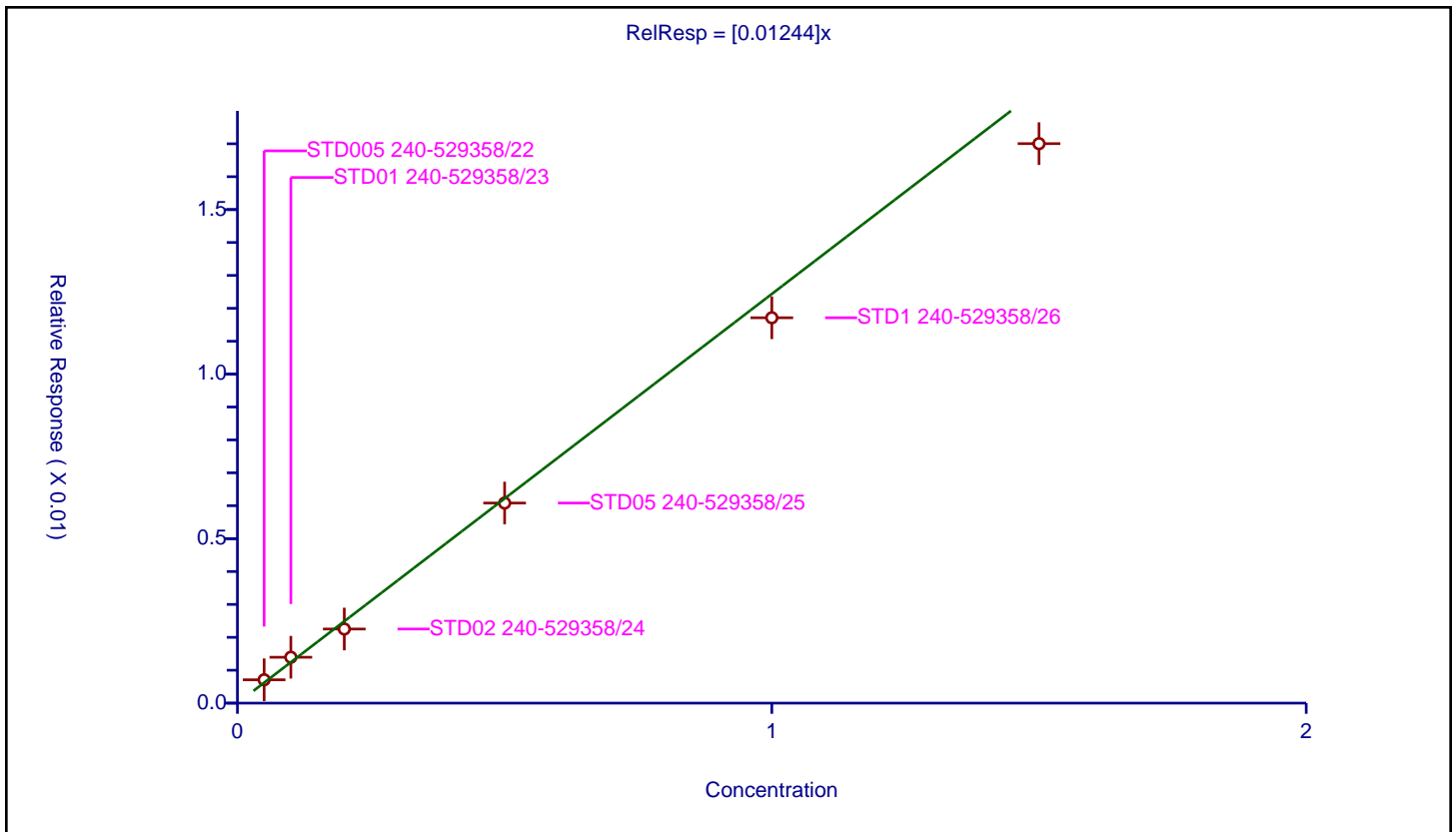
/ PCB-1221 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01244

Error Coefficients	
Standard Error:	6460000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.00071	0.05	34396665.0	0.014194	Y
2	STD01 240-529358/23	0.1	0.001395	0.05	32957559.0	0.013945	Y
3	STD02 240-529358/24	0.2	0.002252	0.05	37252948.0	0.011261	Y
4	STD05 240-529358/25	0.5	0.006081	0.05	34827410.0	0.012162	Y
5	STD1 240-529358/26	1.0	0.011713	0.05	33381299.0	0.011713	Y
6	STD15 240-529358/27	1.5	0.017004	0.05	32953070.0	0.011336	Y



Calibration

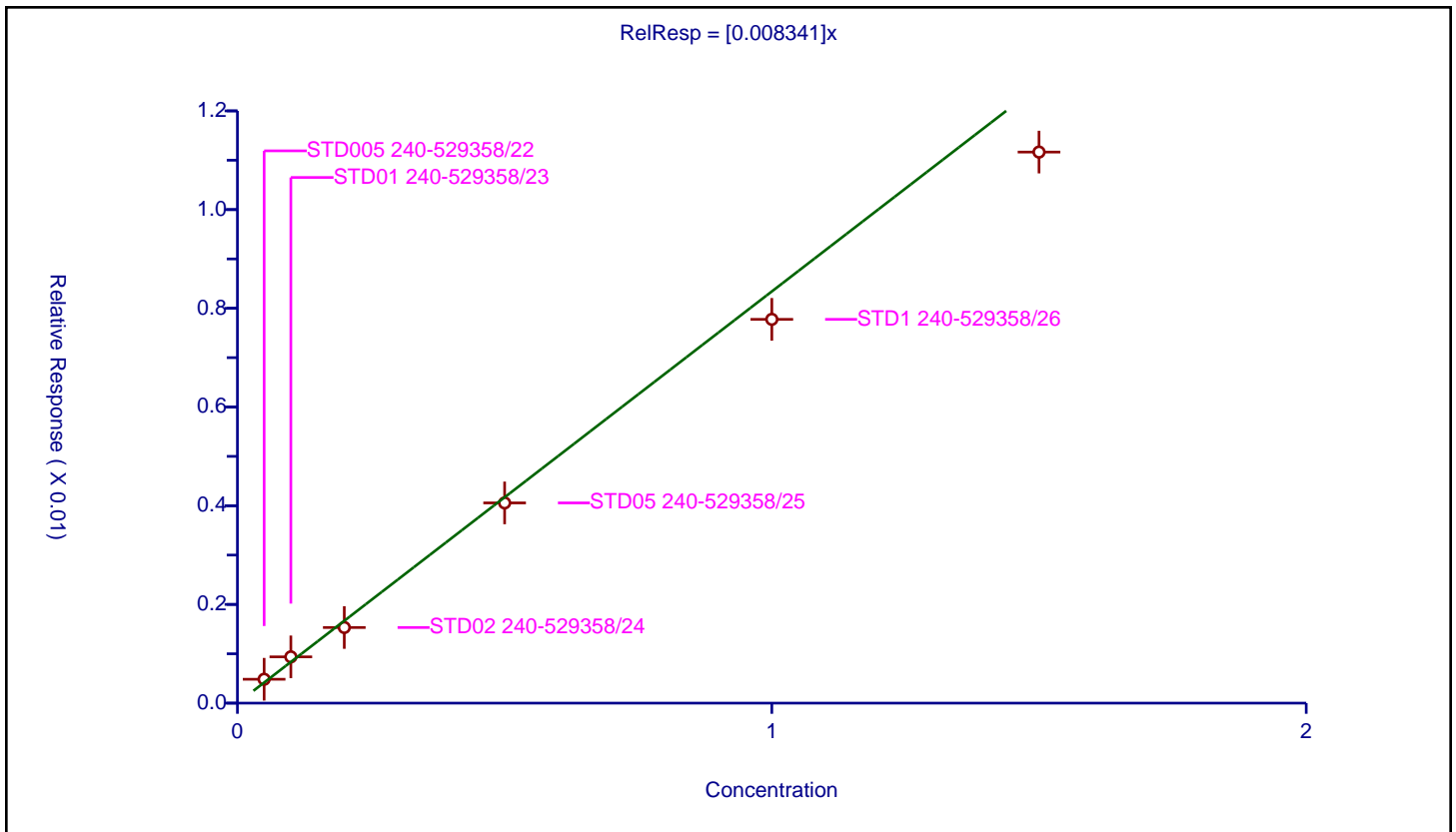
/ PCB-1221 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.008341

Error Coefficients	
Standard Error:	4260000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.000484	0.05	34396665.0	0.009679	Y
2	STD01 240-529358/23	0.1	0.000937	0.05	32957559.0	0.009374	Y
3	STD02 240-529358/24	0.2	0.001532	0.05	37252948.0	0.007661	Y
4	STD05 240-529358/25	0.5	0.004057	0.05	34827410.0	0.008113	Y
5	STD1 240-529358/26	1.0	0.007776	0.05	33381299.0	0.007776	Y
6	STD15 240-529358/27	1.5	0.011166	0.05	32953070.0	0.007444	Y



Calibration

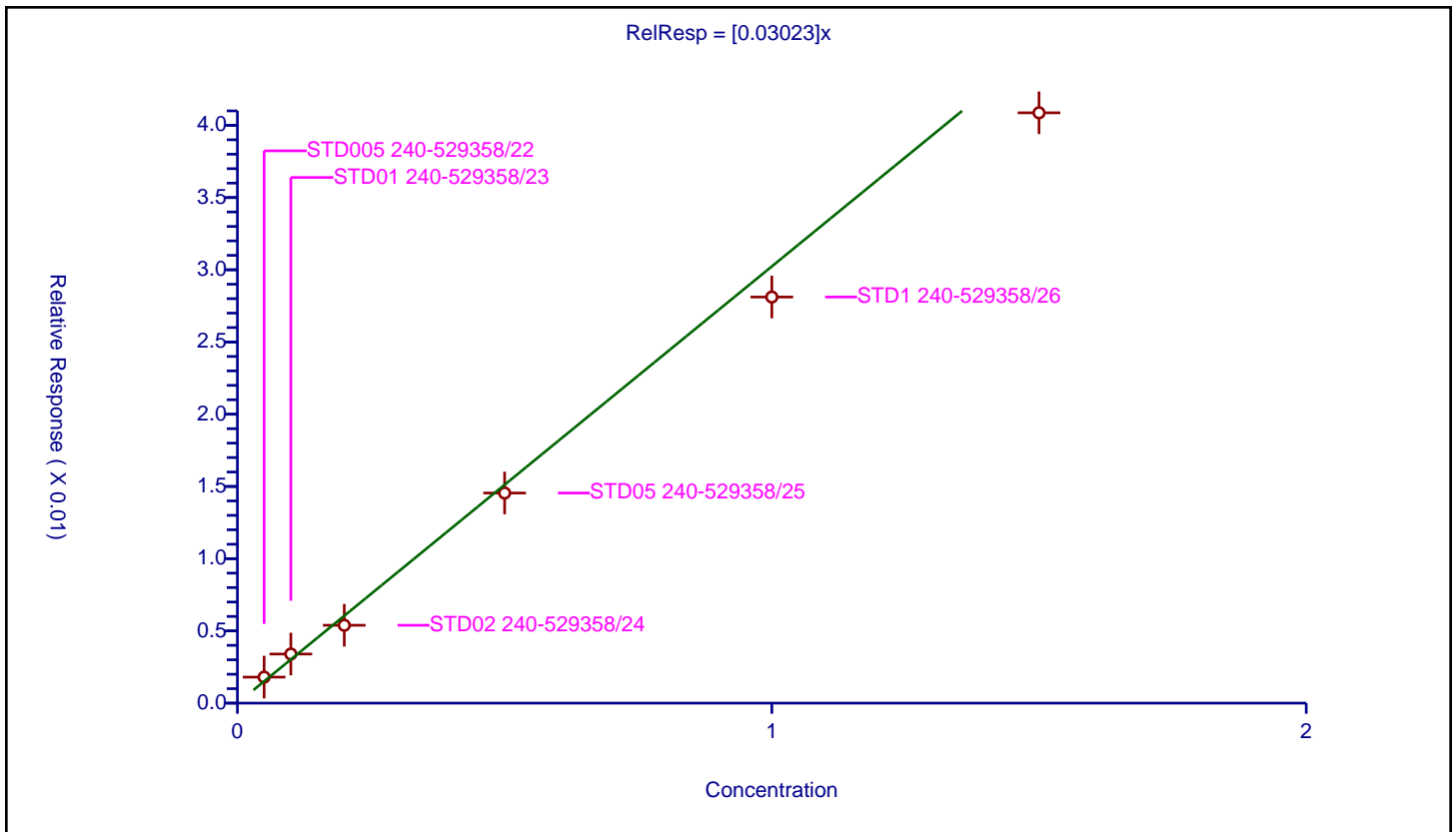
/ PCB-1221 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03023

Error Coefficients	
Standard Error:	15500000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.0018	0.05	34396665.0	0.036003	Y
2	STD01 240-529358/23	0.1	0.0034	0.05	32957559.0	0.033999	Y
3	STD02 240-529358/24	0.2	0.00539	0.05	37252948.0	0.026948	Y
4	STD05 240-529358/25	0.5	0.014544	0.05	34827410.0	0.029089	Y
5	STD1 240-529358/26	1.0	0.028114	0.05	33381299.0	0.028114	Y
6	STD15 240-529358/27	1.5	0.040866	0.05	32953070.0	0.027244	Y



Calibration

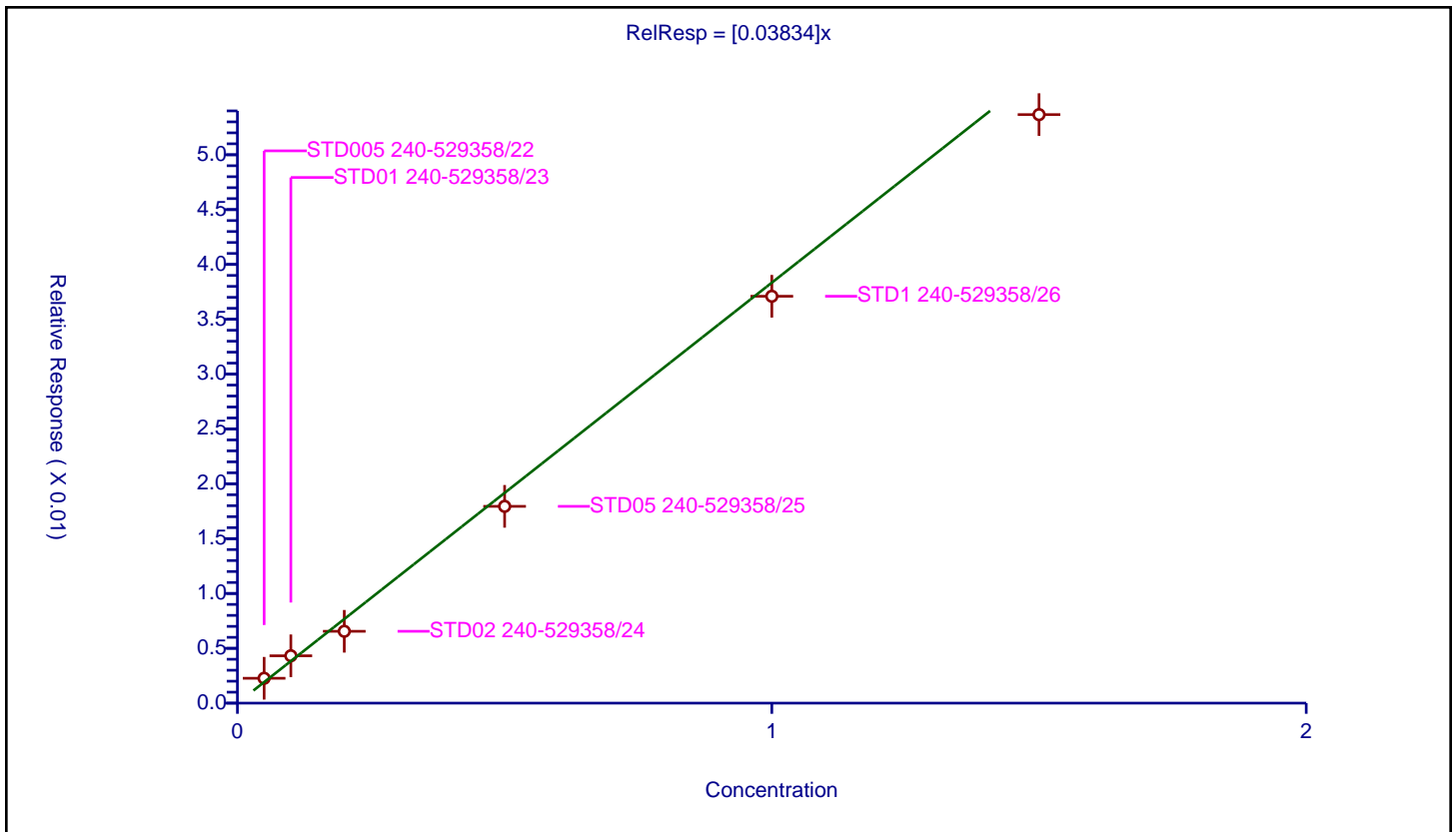
/ PCB-1254 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03834

Error Coefficients	
Standard Error:	20300000
Relative Standard Error:	12.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.002268	0.05	34396665.0	0.045354	Y
2	STD01 240-529358/23	0.1	0.004316	0.05	32957559.0	0.043159	Y
3	STD02 240-529358/24	0.2	0.006551	0.05	37252948.0	0.032755	Y
4	STD05 240-529358/25	0.5	0.017944	0.05	34827410.0	0.035887	Y
5	STD1 240-529358/26	1.0	0.037098	0.05	33381299.0	0.037098	Y
6	STD15 240-529358/27	1.5	0.05366	0.05	32953070.0	0.035773	Y



Calibration

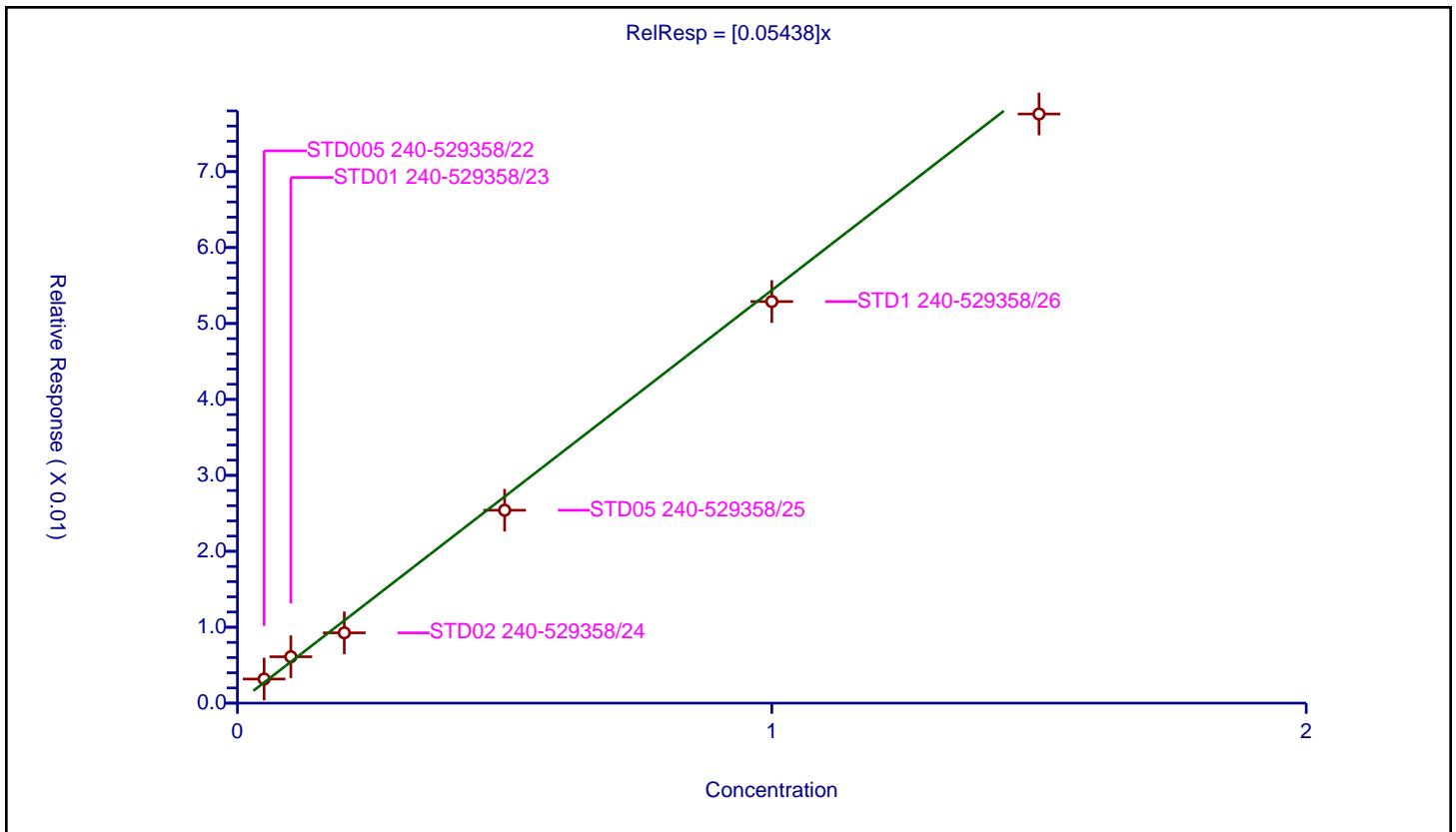
/ PCB-1254 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05438

Error Coefficients	
Standard Error:	29100000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.003175	0.05	34396665.0	0.063505	Y
2	STD01 240-529358/23	0.1	0.006107	0.05	32957559.0	0.061073	Y
3	STD02 240-529358/24	0.2	0.00926	0.05	37252948.0	0.046298	Y
4	STD05 240-529358/25	0.5	0.025404	0.05	34827410.0	0.050807	Y
5	STD1 240-529358/26	1.0	0.052888	0.05	33381299.0	0.052888	Y
6	STD15 240-529358/27	1.5	0.077591	0.05	32953070.0	0.051727	Y



Calibration

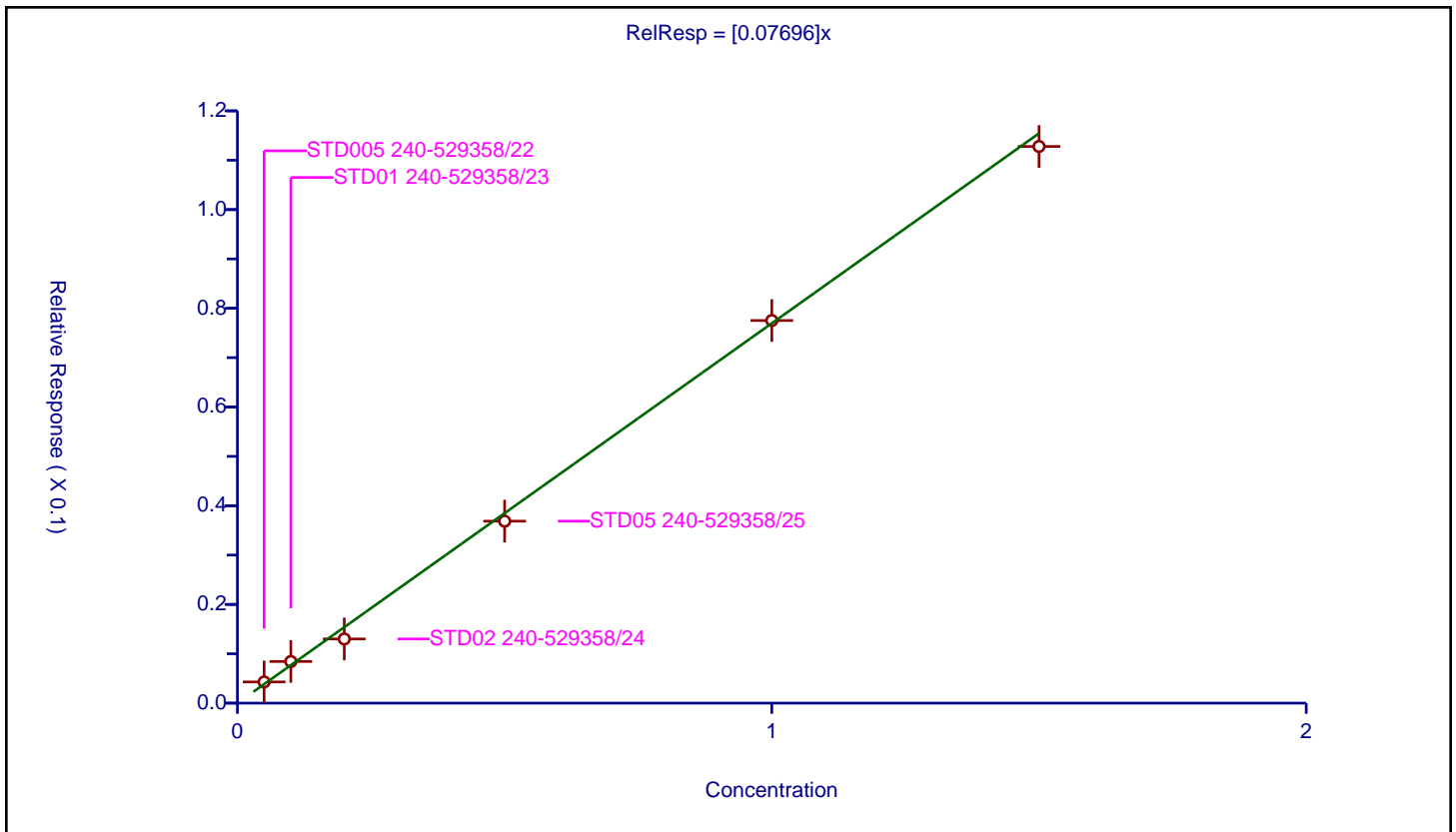
/ PCB-1254 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07696

Error Coefficients	
Standard Error:	42400000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.004296	0.05	34396665.0	0.085912	Y
2	STD01 240-529358/23	0.1	0.00844	0.05	32957559.0	0.084402	Y
3	STD02 240-529358/24	0.2	0.013002	0.05	37252948.0	0.06501	Y
4	STD05 240-529358/25	0.5	0.036869	0.05	34827410.0	0.073739	Y
5	STD1 240-529358/26	1.0	0.077524	0.05	33381299.0	0.077524	Y
6	STD15 240-529358/27	1.5	0.112788	0.05	32953070.0	0.075192	Y



Calibration

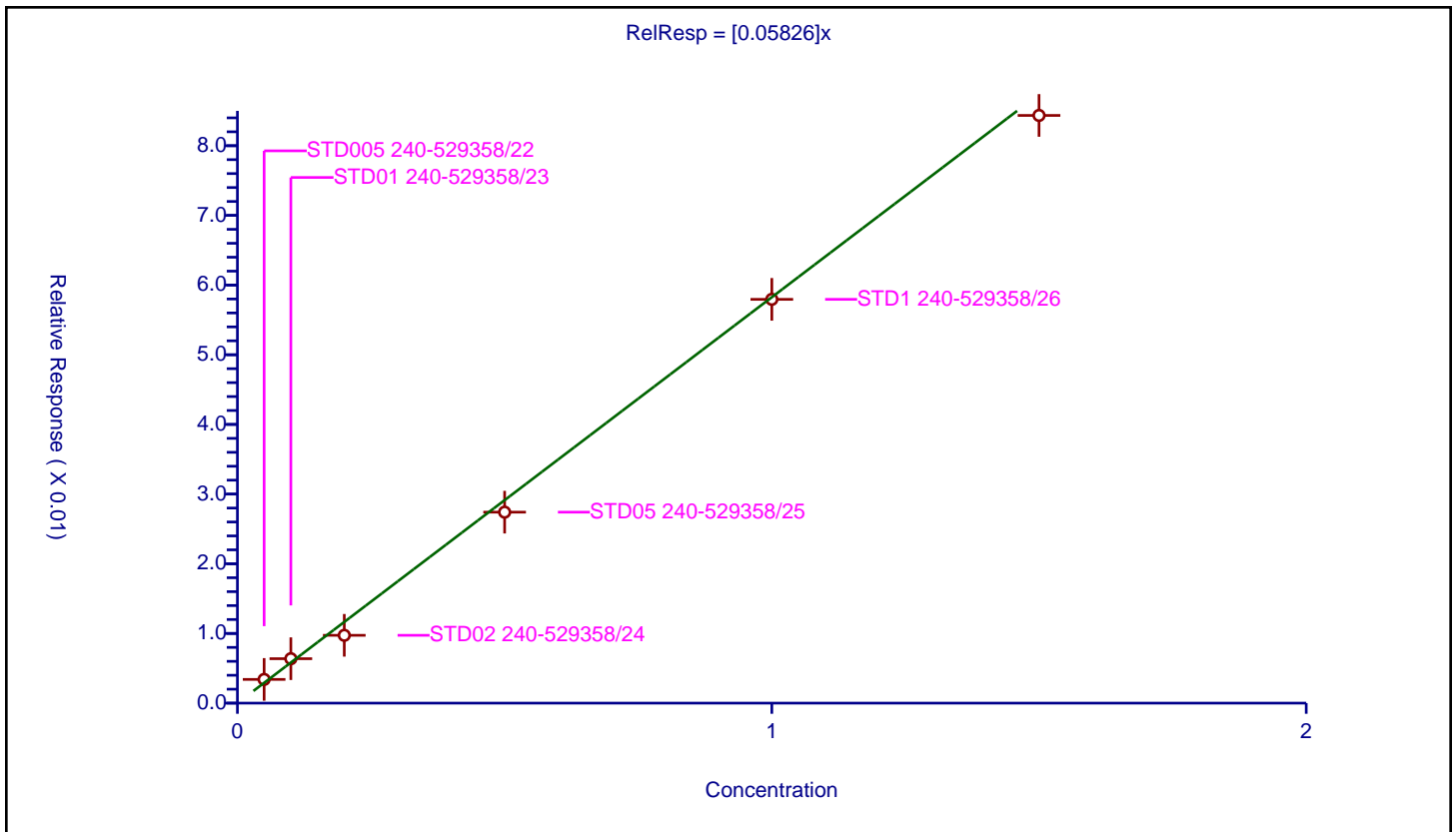
/ PCB-1254 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05826

Error Coefficients	
Standard Error:	31700000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.003405	0.05	34396665.0	0.068109	Y
2	STD01 240-529358/23	0.1	0.006377	0.05	32957559.0	0.063766	Y
3	STD02 240-529358/24	0.2	0.009733	0.05	37252948.0	0.048666	Y
4	STD05 240-529358/25	0.5	0.027409	0.05	34827410.0	0.054817	Y
5	STD1 240-529358/26	1.0	0.057953	0.05	33381299.0	0.057953	Y
6	STD15 240-529358/27	1.5	0.084346	0.05	32953070.0	0.056231	Y



Calibration

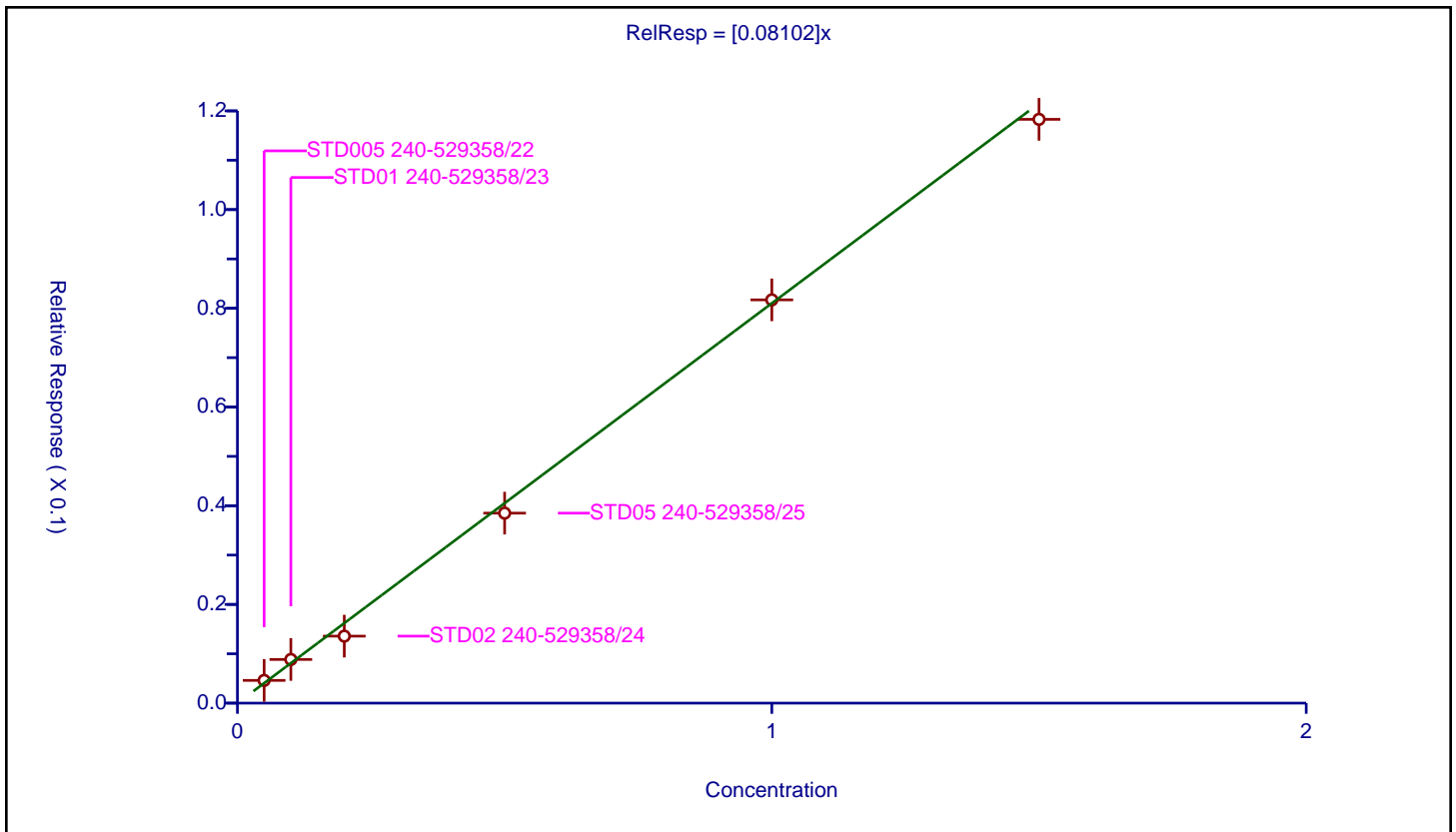
/ PCB-1254 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08102

Error Coefficients	
Standard Error:	44500000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.004608	0.05	34396665.0	0.092156	Y
2	STD01 240-529358/23	0.1	0.00885	0.05	32957559.0	0.088498	Y
3	STD02 240-529358/24	0.2	0.013576	0.05	37252948.0	0.067878	Y
4	STD05 240-529358/25	0.5	0.038498	0.05	34827410.0	0.076996	Y
5	STD1 240-529358/26	1.0	0.081712	0.05	33381299.0	0.081712	Y
6	STD15 240-529358/27	1.5	0.118291	0.05	32953070.0	0.078861	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 20:15 Calibration End Date: 06/06/2022 21:39 Calibration ID: 66110

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/22	P19060622.D
Level 2	STD01 240-529358/23	P19060623.D
Level 3	STD02 240-529358/24	P19060624.D
Level 4	STD05 240-529358/25	P19060625.D
Level 5	STD1 240-529358/26	P19060626.D
Level 6	STD15 240-529358/27	P19060627.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0158 0.0121	0.0156	0.0127	0.0132	0.0126	Ave		0.013 7			11.8		20.0				
PCB-1221 Peak 2	0.0123 0.0080	0.0111	0.0088	0.0089	0.0084	Ave		0.009 6			17.9		20.0				
PCB-1221 Peak 3	0.0403 0.0285	0.0373	0.0290	0.0305	0.0295	Ave		0.032 5			15.4		20.0				
PCB-1254 Peak 1	0.0582 0.0436	0.0535	0.0410	0.0439	0.0450	Ave		0.047 6			14.2		20.0				
PCB-1254 Peak 2	0.0691 0.0535	0.0635	0.0489	0.0528	0.0551	Ave		0.057 1			13.3		20.0				
PCB-1254 Peak 3	0.1054 0.0849	0.0984	0.0766	0.0841	0.0880	Ave		0.089 6			11.7		20.0				
PCB-1254 Peak 4	0.0739 0.0609	0.0691	0.0542	0.0597	0.0635	Ave		0.063 6			11.1		20.0				
PCB-1254 Peak 5	0.1015 0.0848	0.0962	0.0746	0.0825	0.0878	Ave		0.087 9			11.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 20:15 Calibration End Date: 06/06/2022 21:39 Calibration ID: 66110

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/22	P19060622.D
Level 2	STD01 240-529358/23	P19060623.D
Level 3	STD02 240-529358/24	P19060624.D
Level 4	STD05 240-529358/25	P19060625.D
Level 5	STD1 240-529358/26	P19060626.D
Level 6	STD15 240-529358/27	P19060627.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Ave	607269 13341114	1159818	2111865	5183898	9352599	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Ave	473961 8793977	821930	1465058	3490084	6227815	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	1554000 31484446	2768012	4816118	11952369	22018966	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	2243885 48139680	3971303	6811659	17211421	33567683	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	2662729 59103936	4711881	8122894	20675496	41063532	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	4061413 93671688	7304599	12738198	32916174	65570648	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	2848679 67257405	5131488	9014299	23360137	47311932	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	3912821 93651983	7136938	12398171	32314674	65453558	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend

Ave = Average ISTD

Calibration

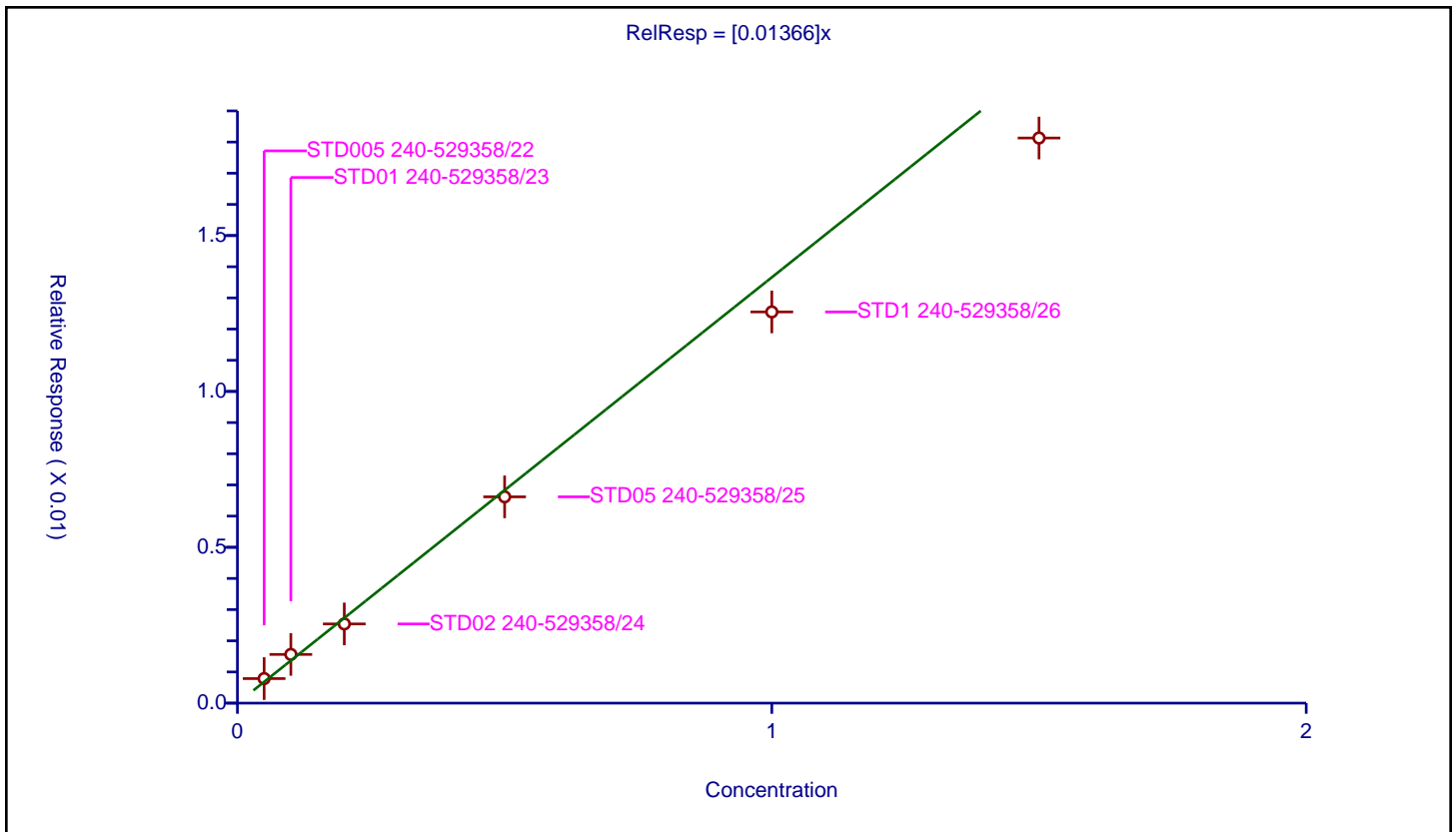
/ PCB-1221 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01366

Error Coefficients	
Standard Error:	7730000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.000788	0.05	38543409.0	0.015755	Y
2	STD01 240-529358/23	0.1	0.001563	0.05	37112575.0	0.015626	Y
3	STD02 240-529358/24	0.2	0.002541	0.05	41558691.0	0.012704	Y
4	STD05 240-529358/25	0.5	0.006619	0.05	39161945.0	0.013237	Y
5	STD1 240-529358/26	1.0	0.01255	0.05	37260411.0	0.01255	Y
6	STD15 240-529358/27	1.5	0.01813	0.05	36792906.0	0.012087	Y



Calibration

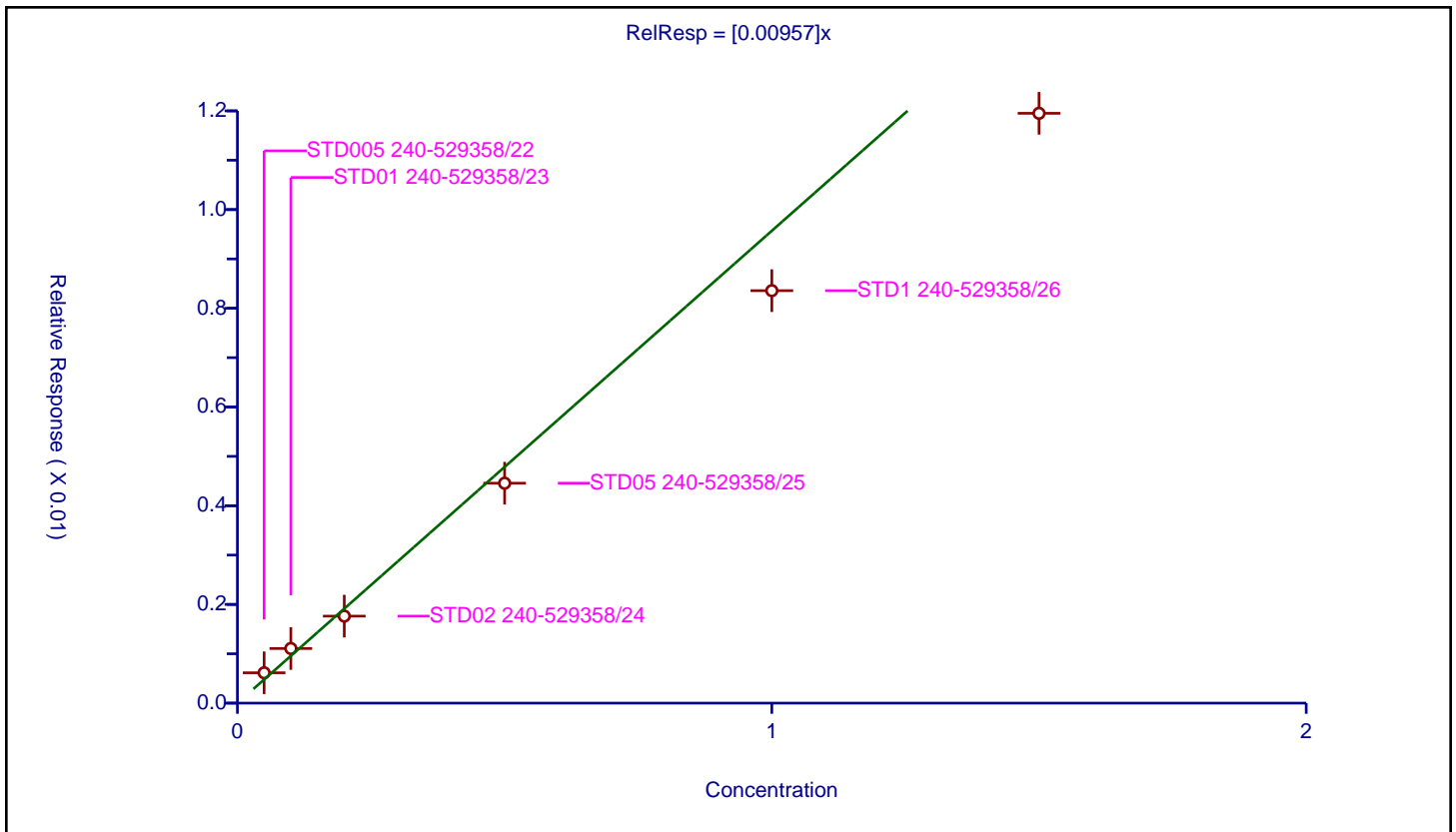
/ PCB-1221 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.00957

Error Coefficients	
Standard Error:	5130000
Relative Standard Error:	17.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.930

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.000615	0.05	38543409.0	0.012297	Y
2	STD01 240-529358/23	0.1	0.001107	0.05	37112575.0	0.011073	Y
3	STD02 240-529358/24	0.2	0.001763	0.05	41558691.0	0.008813	Y
4	STD05 240-529358/25	0.5	0.004456	0.05	39161945.0	0.008912	Y
5	STD1 240-529358/26	1.0	0.008357	0.05	37260411.0	0.008357	Y
6	STD15 240-529358/27	1.5	0.011951	0.05	36792906.0	0.007967	Y



Calibration

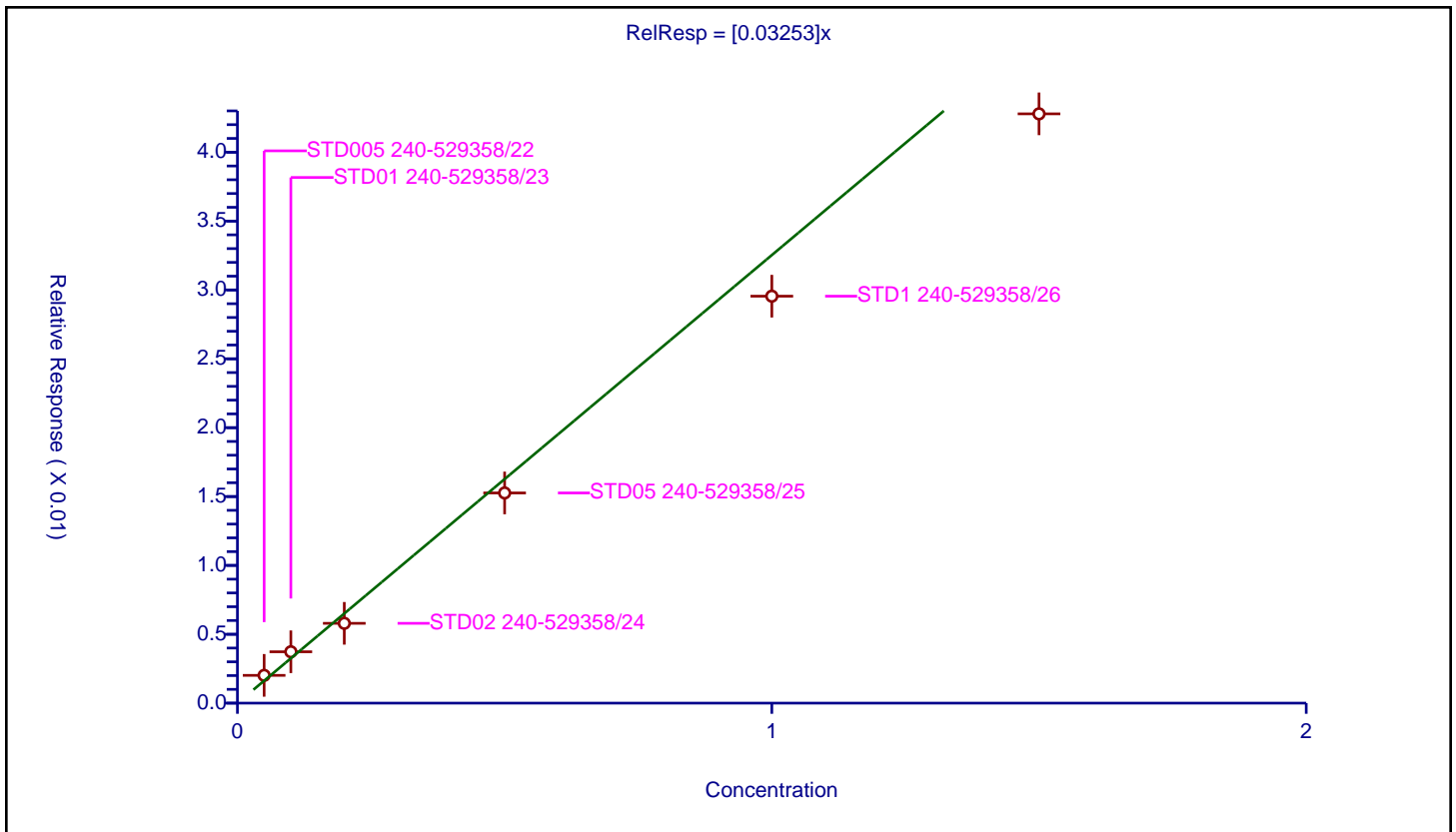
/ PCB-1221 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03253

Error Coefficients	
Standard Error:	18200000
Relative Standard Error:	15.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.002016	0.05	38543409.0	0.040318	Y
2	STD01 240-529358/23	0.1	0.003729	0.05	37112575.0	0.037292	Y
3	STD02 240-529358/24	0.2	0.005794	0.05	41558691.0	0.028972	Y
4	STD05 240-529358/25	0.5	0.01526	0.05	39161945.0	0.03052	Y
5	STD1 240-529358/26	1.0	0.029547	0.05	37260411.0	0.029547	Y
6	STD15 240-529358/27	1.5	0.042786	0.05	36792906.0	0.028524	Y



Calibration

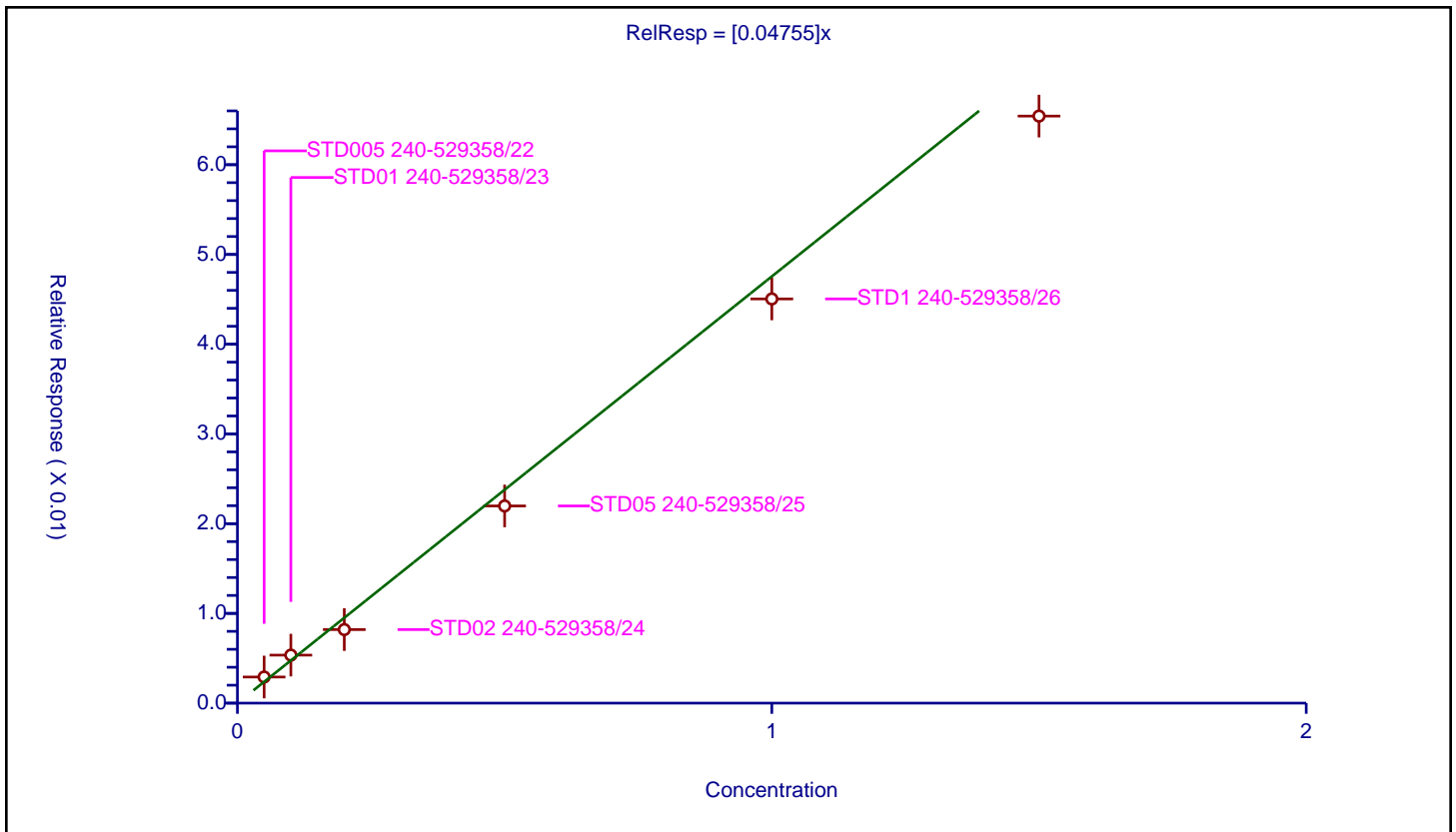
/ PCB-1254 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04755

Error Coefficients	
Standard Error:	27600000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.002911	0.05	38543409.0	0.058217	Y
2	STD01 240-529358/23	0.1	0.00535	0.05	37112575.0	0.053503	Y
3	STD02 240-529358/24	0.2	0.008195	0.05	41558691.0	0.040976	Y
4	STD05 240-529358/25	0.5	0.021975	0.05	39161945.0	0.043949	Y
5	STD1 240-529358/26	1.0	0.045045	0.05	37260411.0	0.045045	Y
6	STD15 240-529358/27	1.5	0.06542	0.05	36792906.0	0.043613	Y



Calibration

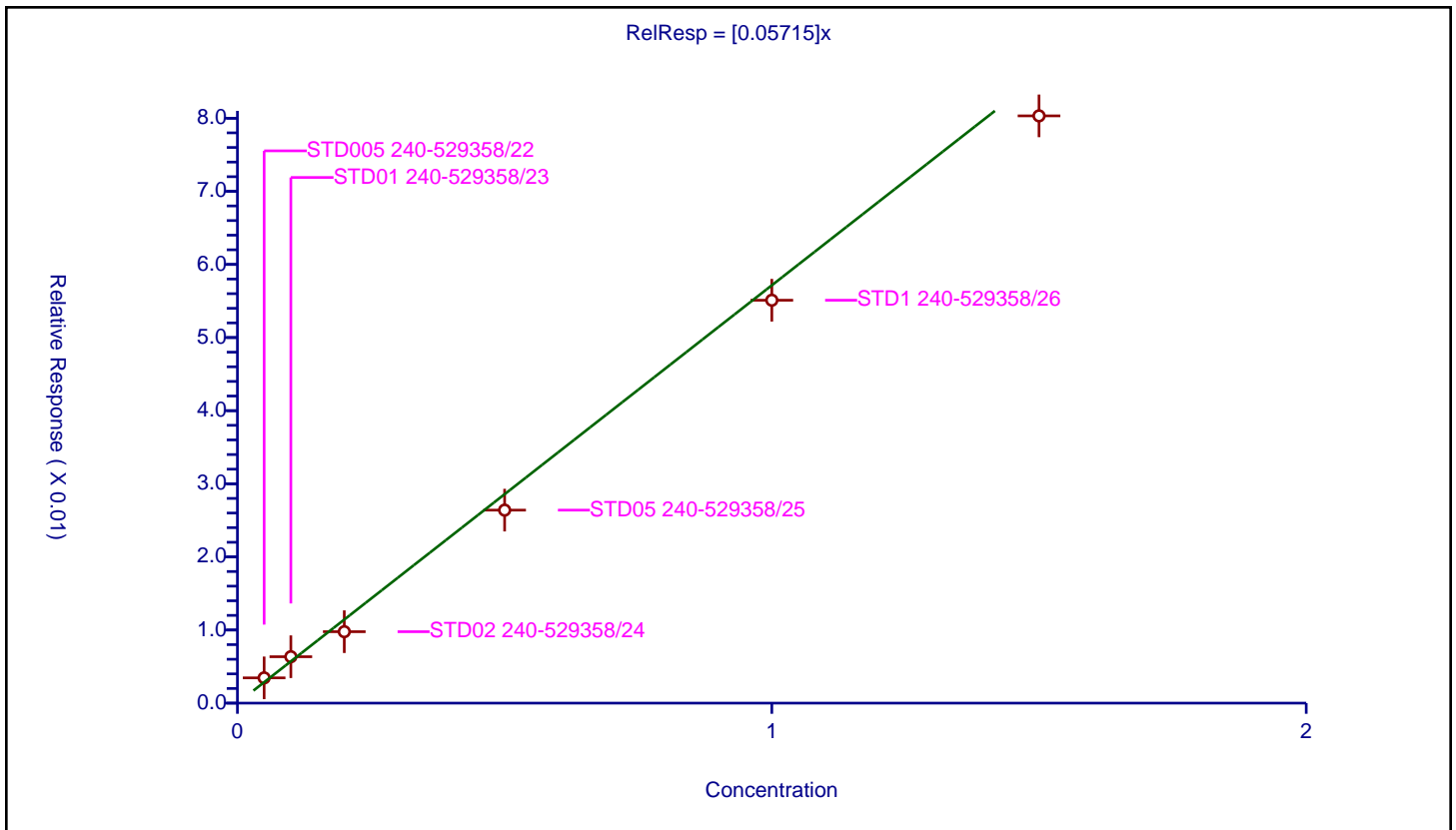
/ PCB-1254 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05715

Error Coefficients	
Standard Error:	33800000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.003454	0.05	38543409.0	0.069084	Y
2	STD01 240-529358/23	0.1	0.006348	0.05	37112575.0	0.063481	Y
3	STD02 240-529358/24	0.2	0.009773	0.05	41558691.0	0.048864	Y
4	STD05 240-529358/25	0.5	0.026397	0.05	39161945.0	0.052795	Y
5	STD1 240-529358/26	1.0	0.055103	0.05	37260411.0	0.055103	Y
6	STD15 240-529358/27	1.5	0.08032	0.05	36792906.0	0.053546	Y



Calibration

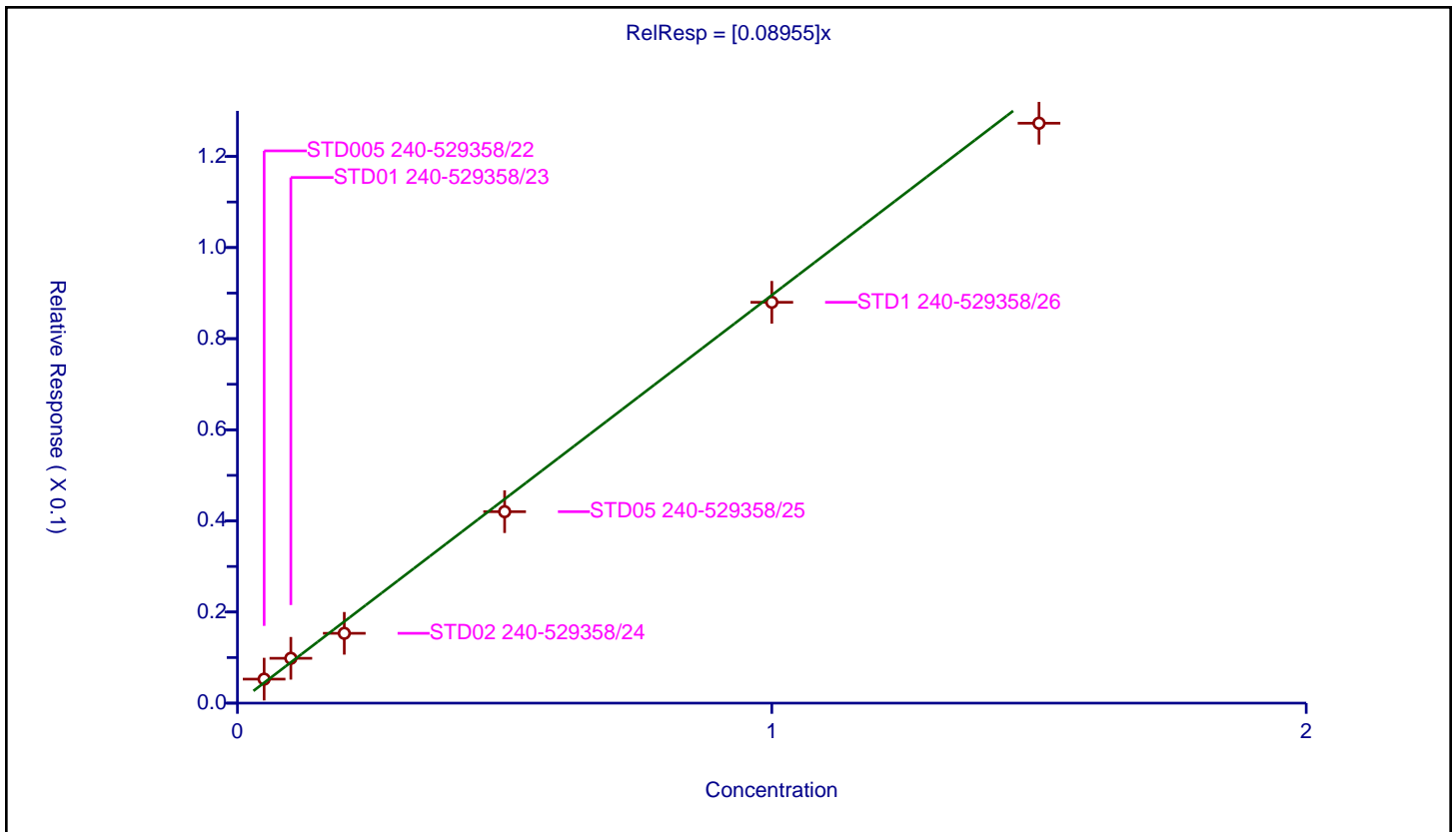
/ PCB-1254 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08955

Error Coefficients	
Standard Error:	53600000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.005269	0.05	38543409.0	0.105372	Y
2	STD01 240-529358/23	0.1	0.009841	0.05	37112575.0	0.098411	Y
3	STD02 240-529358/24	0.2	0.015326	0.05	41558691.0	0.076628	Y
4	STD05 240-529358/25	0.5	0.042026	0.05	39161945.0	0.084051	Y
5	STD1 240-529358/26	1.0	0.08799	0.05	37260411.0	0.08799	Y
6	STD15 240-529358/27	1.5	0.127296	0.05	36792906.0	0.084864	Y



Calibration

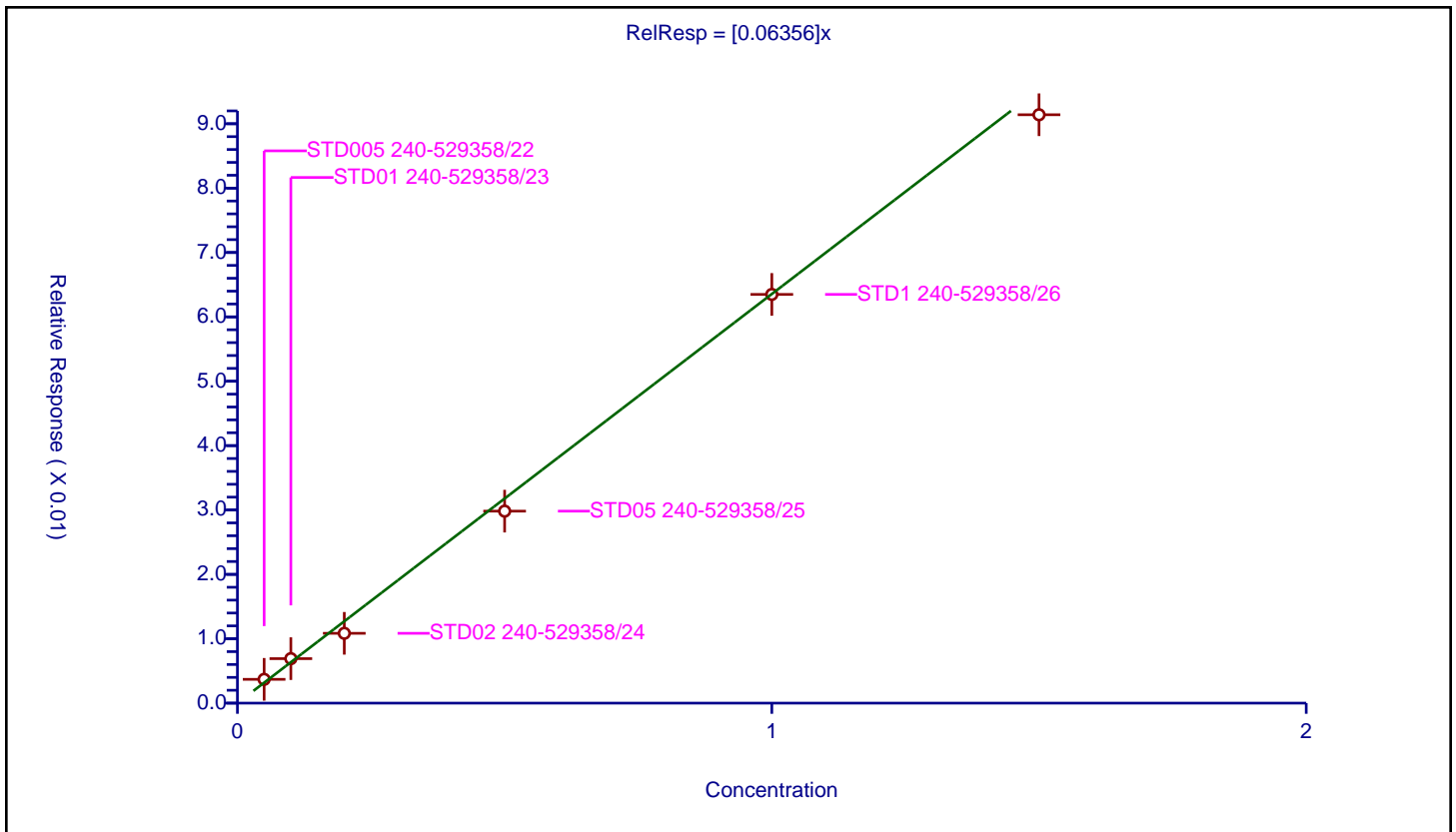
/ PCB-1254 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06356

Error Coefficients	
Standard Error:	38500000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.003695	0.05	38543409.0	0.073908	Y
2	STD01 240-529358/23	0.1	0.006913	0.05	37112575.0	0.069134	Y
3	STD02 240-529358/24	0.2	0.010845	0.05	41558691.0	0.054226	Y
4	STD05 240-529358/25	0.5	0.029825	0.05	39161945.0	0.05965	Y
5	STD1 240-529358/26	1.0	0.063488	0.05	37260411.0	0.063488	Y
6	STD15 240-529358/27	1.5	0.0914	0.05	36792906.0	0.060933	Y



Calibration

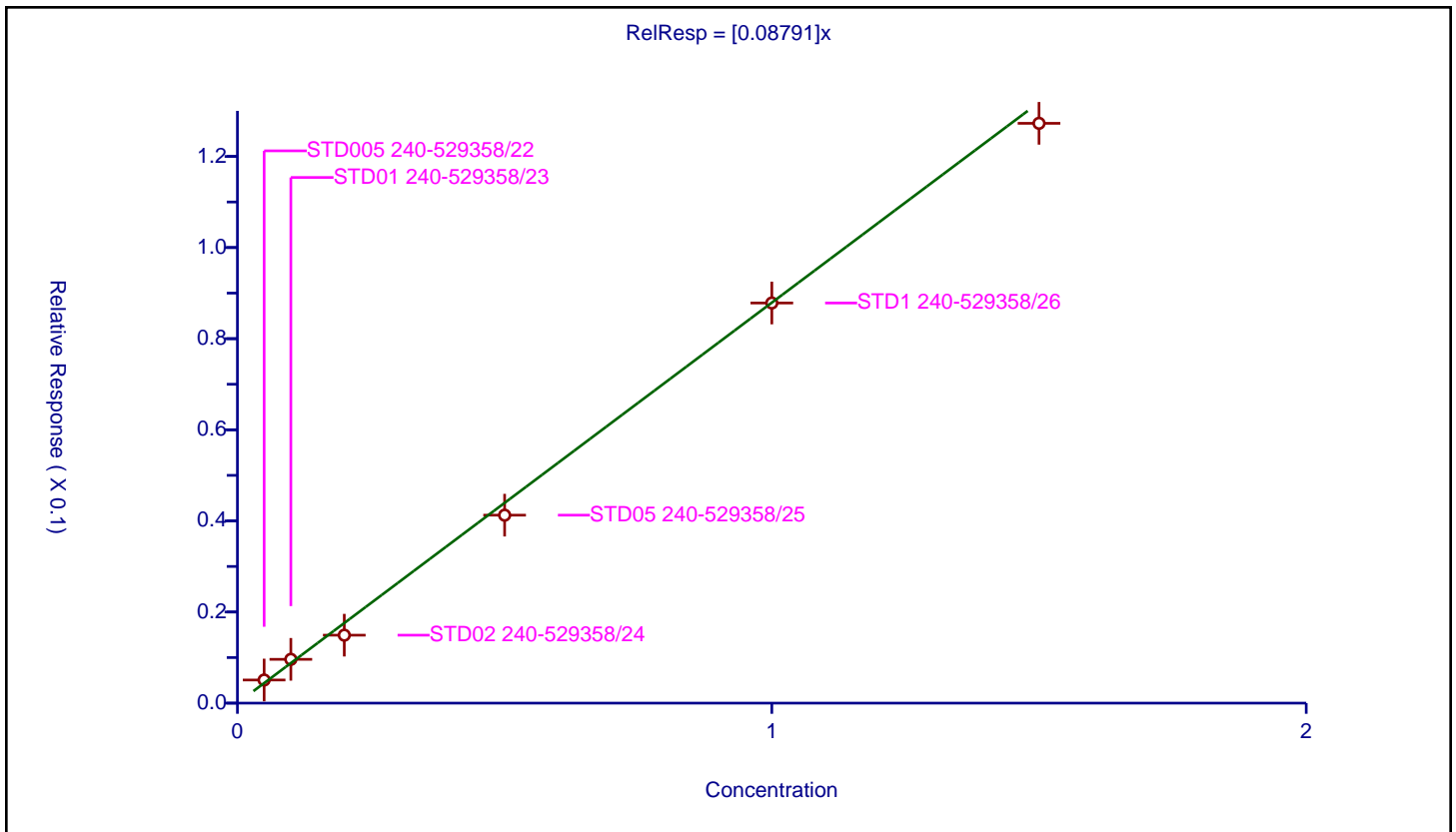
/ PCB-1254 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08791

Error Coefficients	
Standard Error:	53500000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/22	0.05	0.005076	0.05	38543409.0	0.101517	Y
2	STD01 240-529358/23	0.1	0.009615	0.05	37112575.0	0.096153	Y
3	STD02 240-529358/24	0.2	0.014916	0.05	41558691.0	0.074582	Y
4	STD05 240-529358/25	0.5	0.041258	0.05	39161945.0	0.082515	Y
5	STD1 240-529358/26	1.0	0.087833	0.05	37260411.0	0.087833	Y
6	STD15 240-529358/27	1.5	0.127269	0.05	36792906.0	0.084846	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 21:56 Calibration End Date: 06/06/2022 23:20 Calibration ID: 66117

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/28	P19060628.D
Level 2	STD01 240-529358/29	P19060629.D
Level 3	STD02 240-529358/30	P19060630.D
Level 4	STD05 240-529358/31	P19060631.D
Level 5	STD1 240-529358/32	P19060632.D
Level 6	STD15 240-529358/33	P19060633.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0199 0.0188	0.0193	0.0182	0.0198	0.0158	Ave		0.018 6			8.1		20.0				
PCB-1016 Peak 2	0.0356 0.0334	0.0347	0.0319	0.0355	0.0284	Ave		0.033 2			8.3		20.0				
PCB-1016 Peak 3	0.0747 0.0771	0.0703	0.0677	0.0766	0.0631	Ave		0.071 6			7.8		20.0				
PCB-1016 Peak 4	0.0332 0.0336	0.0327	0.0311	0.0345	0.0277	Ave		0.032 2			7.6		20.0				
PCB-1016 Peak 5	0.0201 0.0214	0.0198	0.0192	0.0215	0.0175	Ave		0.019 9			7.5		20.0				
PCB-1260 Peak 1	0.0534 0.0523	0.0495	0.0461	0.0531	0.0423	Ave		0.049 4			9.0		20.0				
PCB-1260 Peak 2	0.0973 0.0964	0.0901	0.0848	0.0983	0.0782	Ave		0.090 8			8.9		20.0				
PCB-1260 Peak 3	0.0930 0.0952	0.0855	0.0818	0.0949	0.0771	Ave		0.087 9			8.6		20.0				
PCB-1260 Peak 4	0.1386 0.1445	0.1294	0.1262	0.1475	0.1213	Ave		0.134 6			7.8		20.0				
PCB-1260 Peak 5	0.0667 0.0690	0.0603	0.0584	0.0674	0.0556	Ave		0.062 9			8.7		20.0				
Tetrachloro-m-xylene	1.1198 1.1146	1.0459	1.0113	1.1185	0.9761	Lin1	0	1.068 2						0.9950		0.9900	
DCB Decachlorobiphenyl	1.4427 1.3450	1.2441	1.2047	1.3031	1.1491	Lin1	0.000 1	1.269 2						0.9940		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 21:56 Calibration End Date: 06/06/2022 23:20 Calibration ID: 66117

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/28	P19060628.D
Level 2	STD01 240-529358/29	P19060629.D
Level 3	STD02 240-529358/30	P19060630.D
Level 4	STD05 240-529358/31	P19060631.D
Level 5	STD1 240-529358/32	P19060632.D
Level 6	STD15 240-529358/33	P19060633.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	875028 20297414	1686788	2930122	7160695	13120934	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	1565190 35969778	3033286	5129029	12828785	23511863	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	3287511 83131888	6154471	10906439	27688996	52297277	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	1461573 36265644	2865603	5009644	12468926	22967703	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	884288 23042638	1731158	3095886	7760220	14485781	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	2350600 56375170	4328118	7420459	19176269	35067379	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	4279932 103893568	7881588	13650251	35526538	64872170	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	4090763 102633610	7485117	13171285	34284538	63953493	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	6095440 155808814	11326922	20328909	53317419	100557617	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	2932013 74329991	5274686	9409459	24380173	46124240	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	2462567 64085322	4575948	8142116	20213754	40474967	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	3172617 77326563	5443247	9699054	23550556	47645718	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

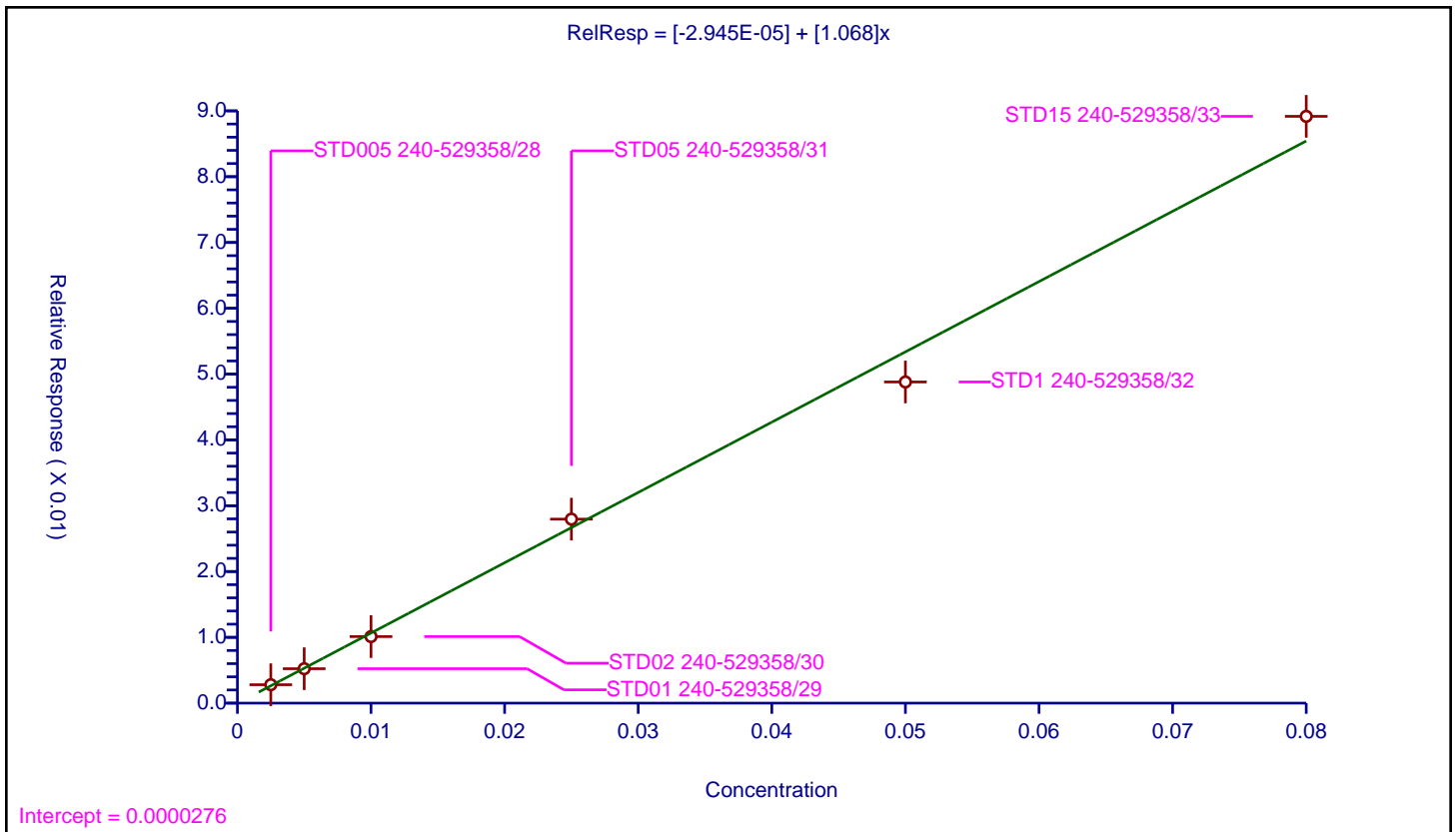
/ Tetrachloro-m-xylene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	-2.945E-05
Slope:	1.068

Error Coefficients	
Standard Error:	39500000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.0025	0.0028	0.05	43981103.0	1.11983	Y
2	STD01 240-529358/29	0.005	0.005229	0.05	43751966.0	1.045884	Y
3	STD02 240-529358/30	0.01	0.010113	0.05	40255578.0	1.011303	Y
4	STD05 240-529358/31	0.025	0.027962	0.05	36145679.0	1.11846	Y
5	STD1 240-529358/32	0.05	0.048807	0.05	41464328.0	0.976139	Y
6	STD15 240-529358/33	0.08	0.089172	0.05	35933547.0	1.11465	Y



Calibration

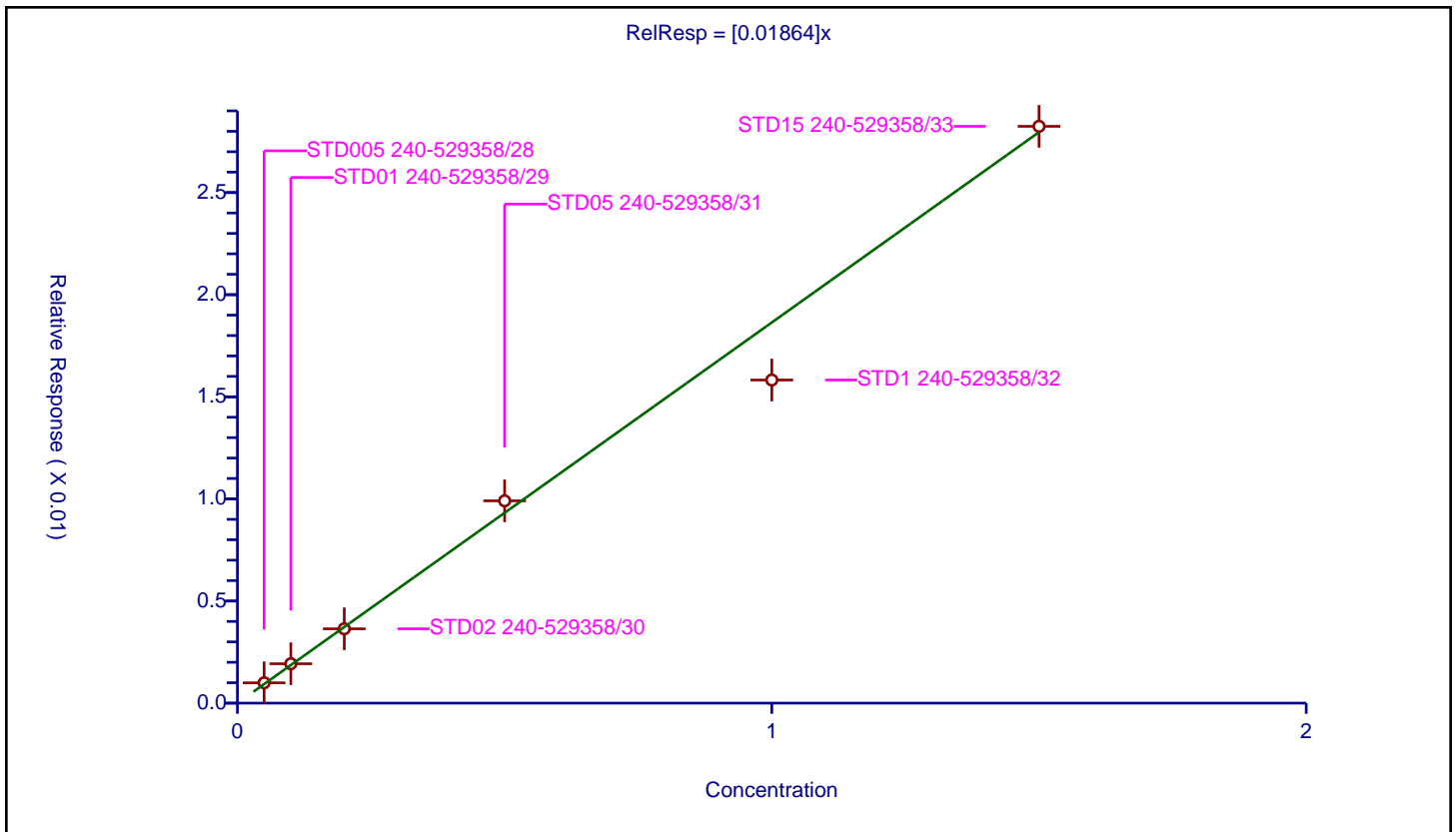
/ PCB-1016 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01864

Error Coefficients	
Standard Error:	11400000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.000995	0.05	43981103.0	0.019896	Y
2	STD01 240-529358/29	0.1	0.001928	0.05	43751966.0	0.019277	Y
3	STD02 240-529358/30	0.2	0.003639	0.05	40255578.0	0.018197	Y
4	STD05 240-529358/31	0.5	0.009905	0.05	36145679.0	0.019811	Y
5	STD1 240-529358/32	1.0	0.015822	0.05	41464328.0	0.015822	Y
6	STD15 240-529358/33	1.5	0.028243	0.05	35933547.0	0.018829	Y



Calibration

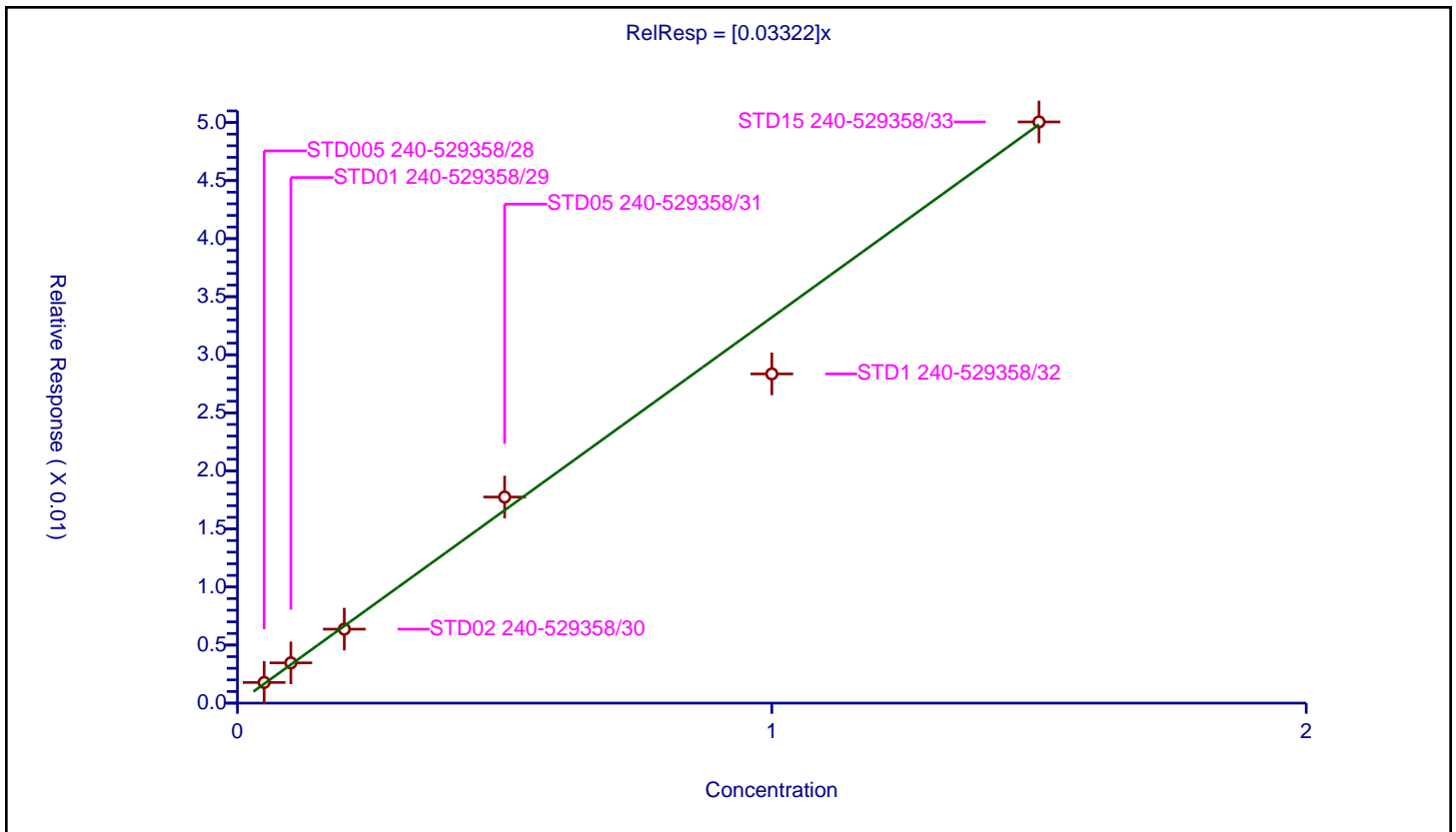
/ PCB-1016 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03322

Error Coefficients	
Standard Error:	20200000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001779	0.05	43981103.0	0.035588	Y
2	STD01 240-529358/29	0.1	0.003466	0.05	43751966.0	0.034665	Y
3	STD02 240-529358/30	0.2	0.006371	0.05	40255578.0	0.031853	Y
4	STD05 240-529358/31	0.5	0.017746	0.05	36145679.0	0.035492	Y
5	STD1 240-529358/32	1.0	0.028352	0.05	41464328.0	0.028352	Y
6	STD15 240-529358/33	1.5	0.05005	0.05	35933547.0	0.033367	Y



Calibration

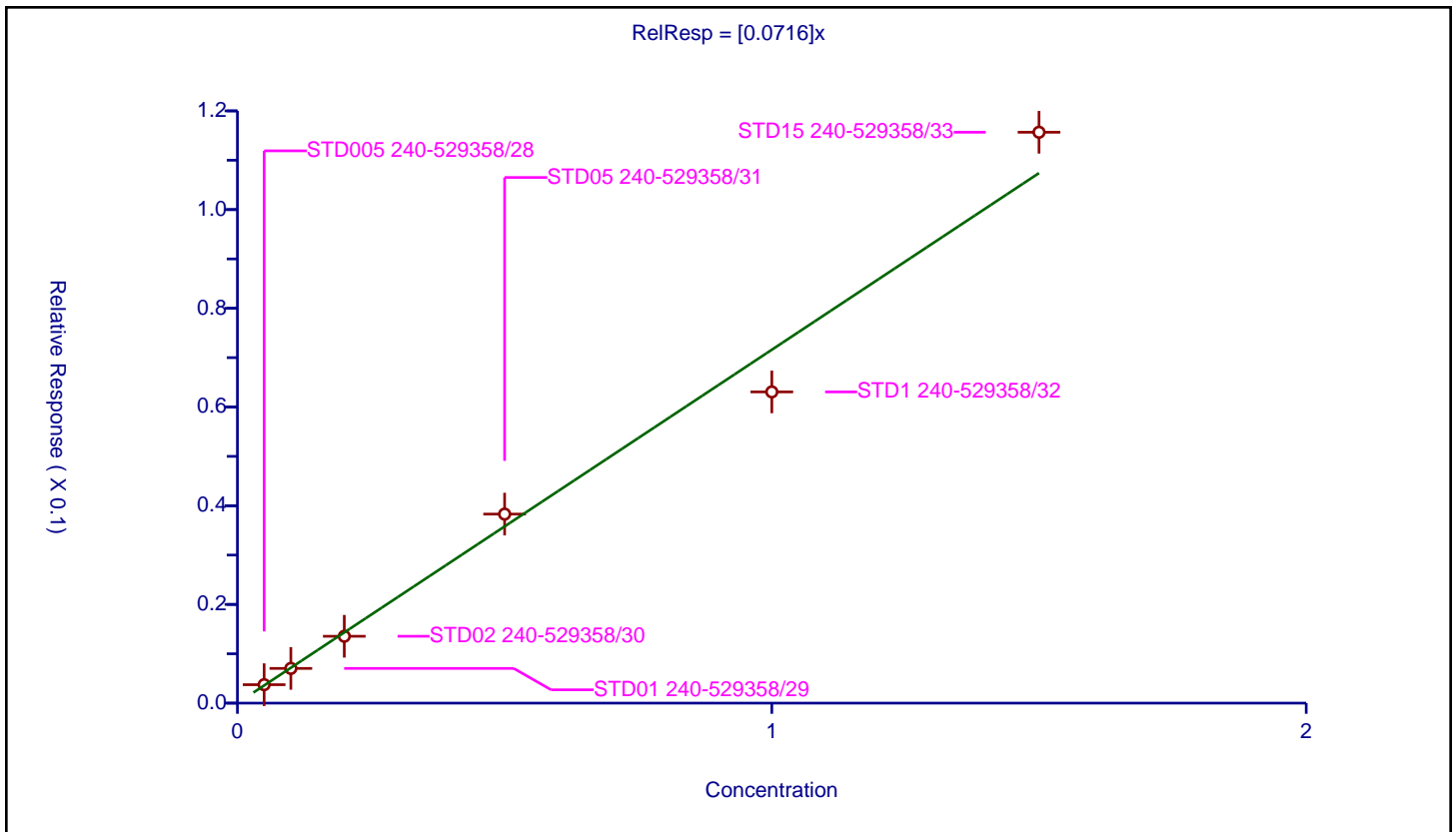
/ PCB-1016 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0716

Error Coefficients	
Standard Error:	46000000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.003737	0.05	43981103.0	0.074748	Y
2	STD01 240-529358/29	0.1	0.007033	0.05	43751966.0	0.070334	Y
3	STD02 240-529358/30	0.2	0.013546	0.05	40255578.0	0.067732	Y
4	STD05 240-529358/31	0.5	0.038302	0.05	36145679.0	0.076604	Y
5	STD1 240-529358/32	1.0	0.063063	0.05	41464328.0	0.063063	Y
6	STD15 240-529358/33	1.5	0.115674	0.05	35933547.0	0.077116	Y



Calibration

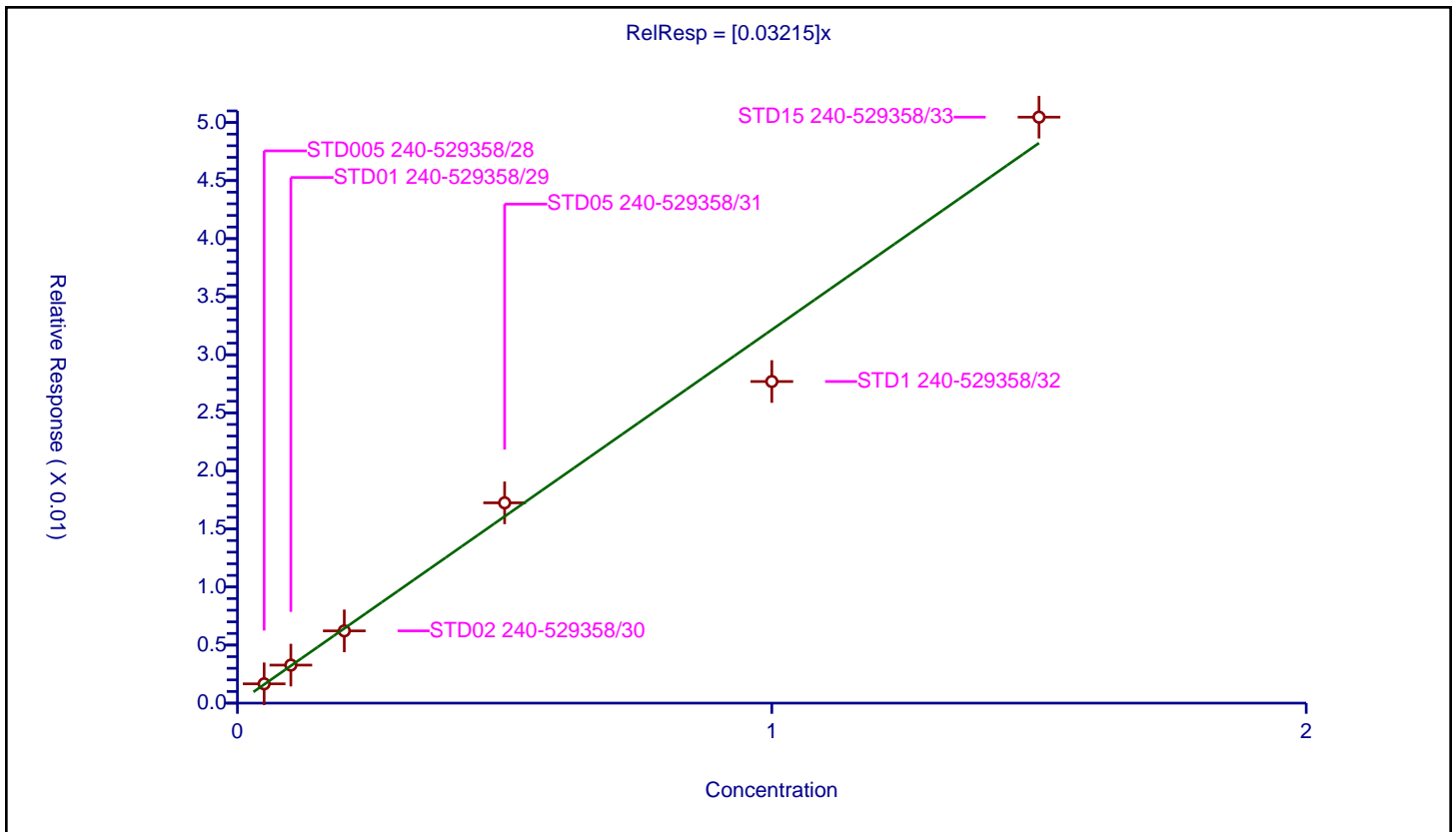
/ PCB-1016 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03215

Error Coefficients	
Standard Error:	20200000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001662	0.05	43981103.0	0.033232	Y
2	STD01 240-529358/29	0.1	0.003275	0.05	43751966.0	0.032748	Y
3	STD02 240-529358/30	0.2	0.006222	0.05	40255578.0	0.031111	Y
4	STD05 240-529358/31	0.5	0.017248	0.05	36145679.0	0.034496	Y
5	STD1 240-529358/32	1.0	0.027696	0.05	41464328.0	0.027696	Y
6	STD15 240-529358/33	1.5	0.050462	0.05	35933547.0	0.033641	Y



Calibration

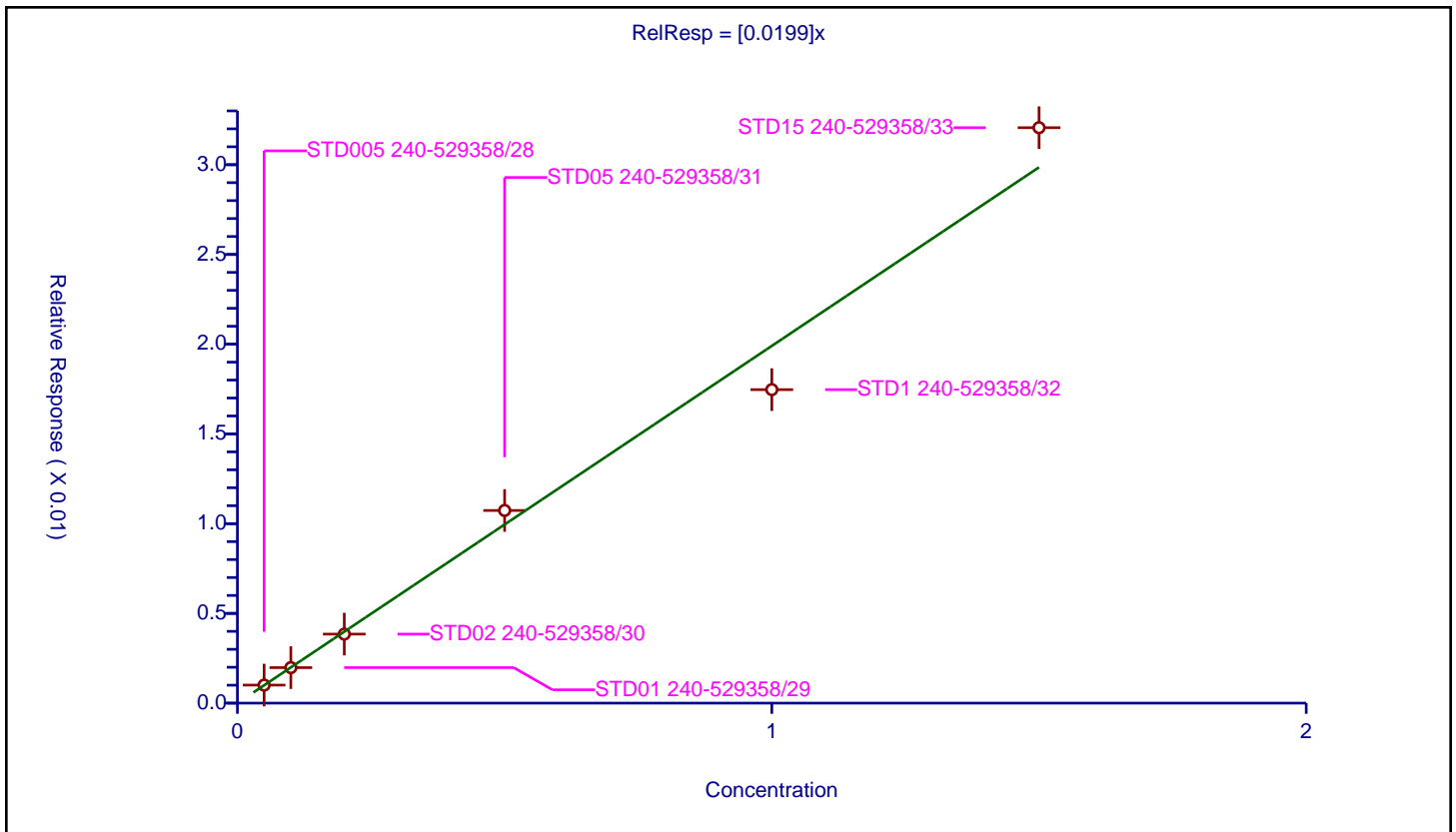
/ PCB-1016 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0199

Error Coefficients	
Standard Error:	12800000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001005	0.05	43981103.0	0.020106	Y
2	STD01 240-529358/29	0.1	0.001978	0.05	43751966.0	0.019784	Y
3	STD02 240-529358/30	0.2	0.003845	0.05	40255578.0	0.019226	Y
4	STD05 240-529358/31	0.5	0.010735	0.05	36145679.0	0.021469	Y
5	STD1 240-529358/32	1.0	0.017468	0.05	41464328.0	0.017468	Y
6	STD15 240-529358/33	1.5	0.032063	0.05	35933547.0	0.021375	Y



Calibration

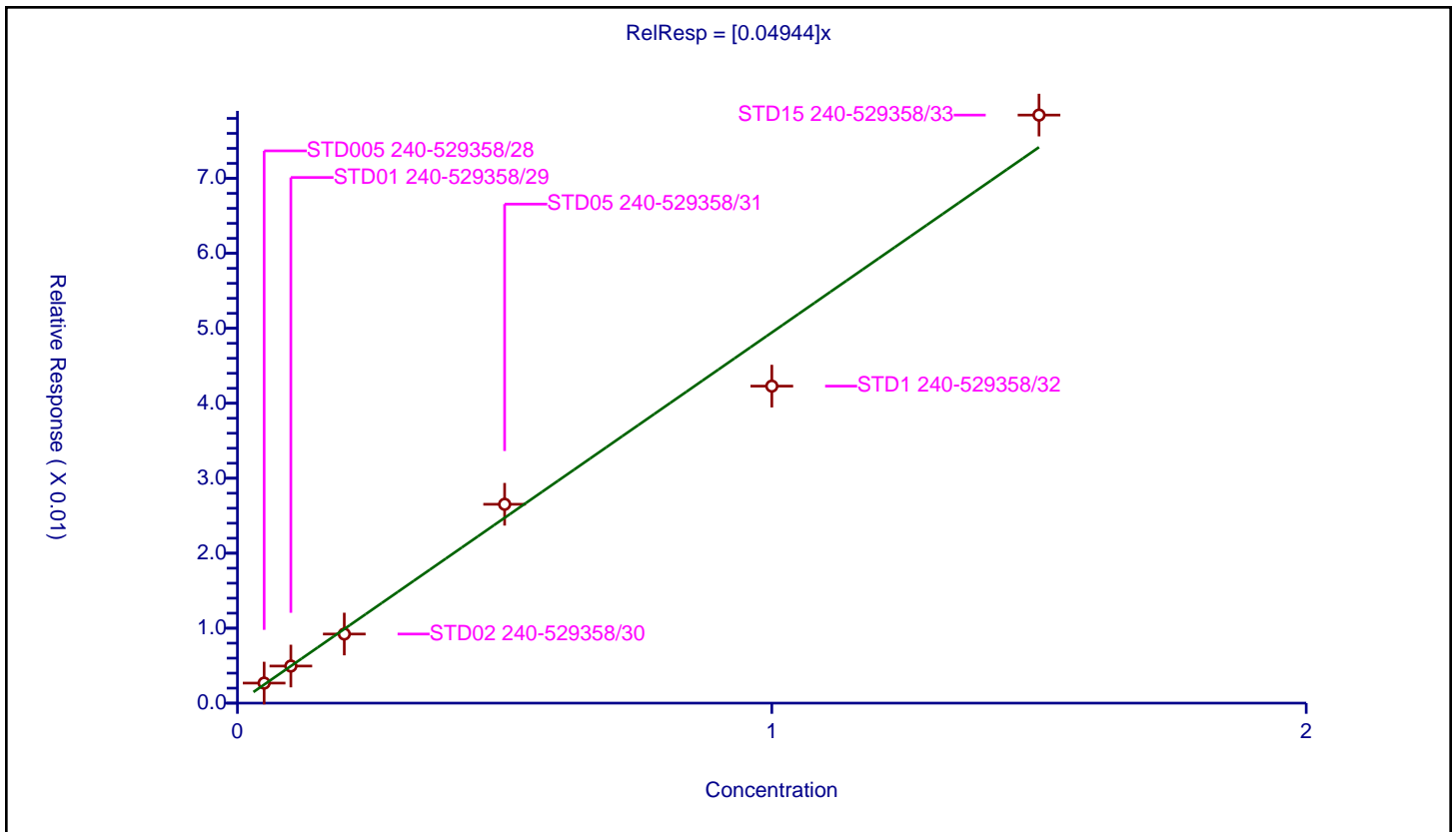
/ PCB-1260 Peak 1

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04944

Error Coefficients	
Standard Error:	31200000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.002672	0.05	43981103.0	0.053446	Y
2	STD01 240-529358/29	0.1	0.004946	0.05	43751966.0	0.049462	Y
3	STD02 240-529358/30	0.2	0.009217	0.05	40255578.0	0.046083	Y
4	STD05 240-529358/31	0.5	0.026526	0.05	36145679.0	0.053053	Y
5	STD1 240-529358/32	1.0	0.042286	0.05	41464328.0	0.042286	Y
6	STD15 240-529358/33	1.5	0.078444	0.05	35933547.0	0.052296	Y



Calibration

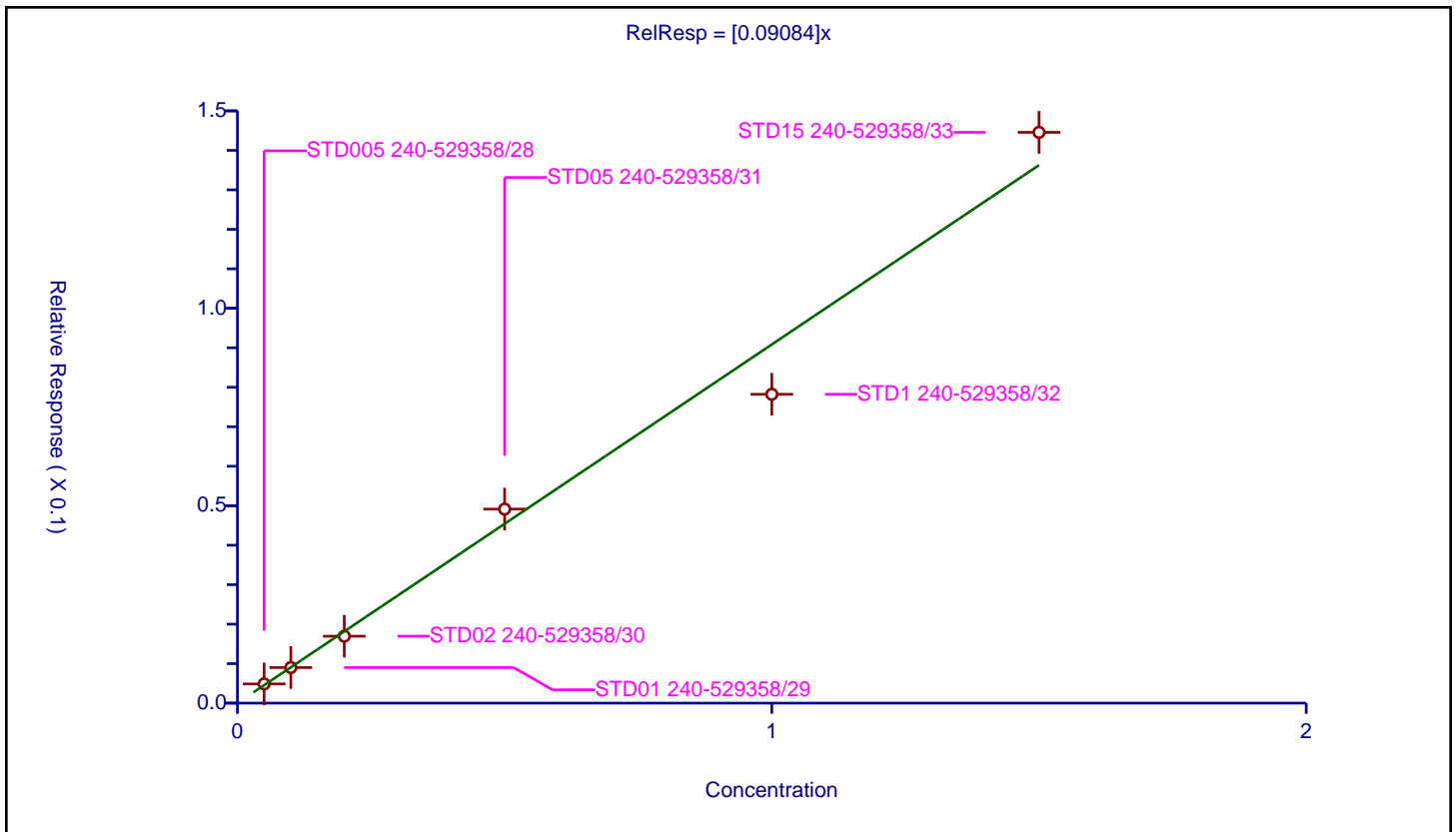
/ PCB-1260 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09084

Error Coefficients	
Standard Error:	57500000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.004866	0.05	43981103.0	0.097313	Y
2	STD01 240-529358/29	0.1	0.009007	0.05	43751966.0	0.090071	Y
3	STD02 240-529358/30	0.2	0.016954	0.05	40255578.0	0.084772	Y
4	STD05 240-529358/31	0.5	0.049144	0.05	36145679.0	0.098287	Y
5	STD1 240-529358/32	1.0	0.078226	0.05	41464328.0	0.078226	Y
6	STD15 240-529358/33	1.5	0.144563	0.05	35933547.0	0.096376	Y



Calibration

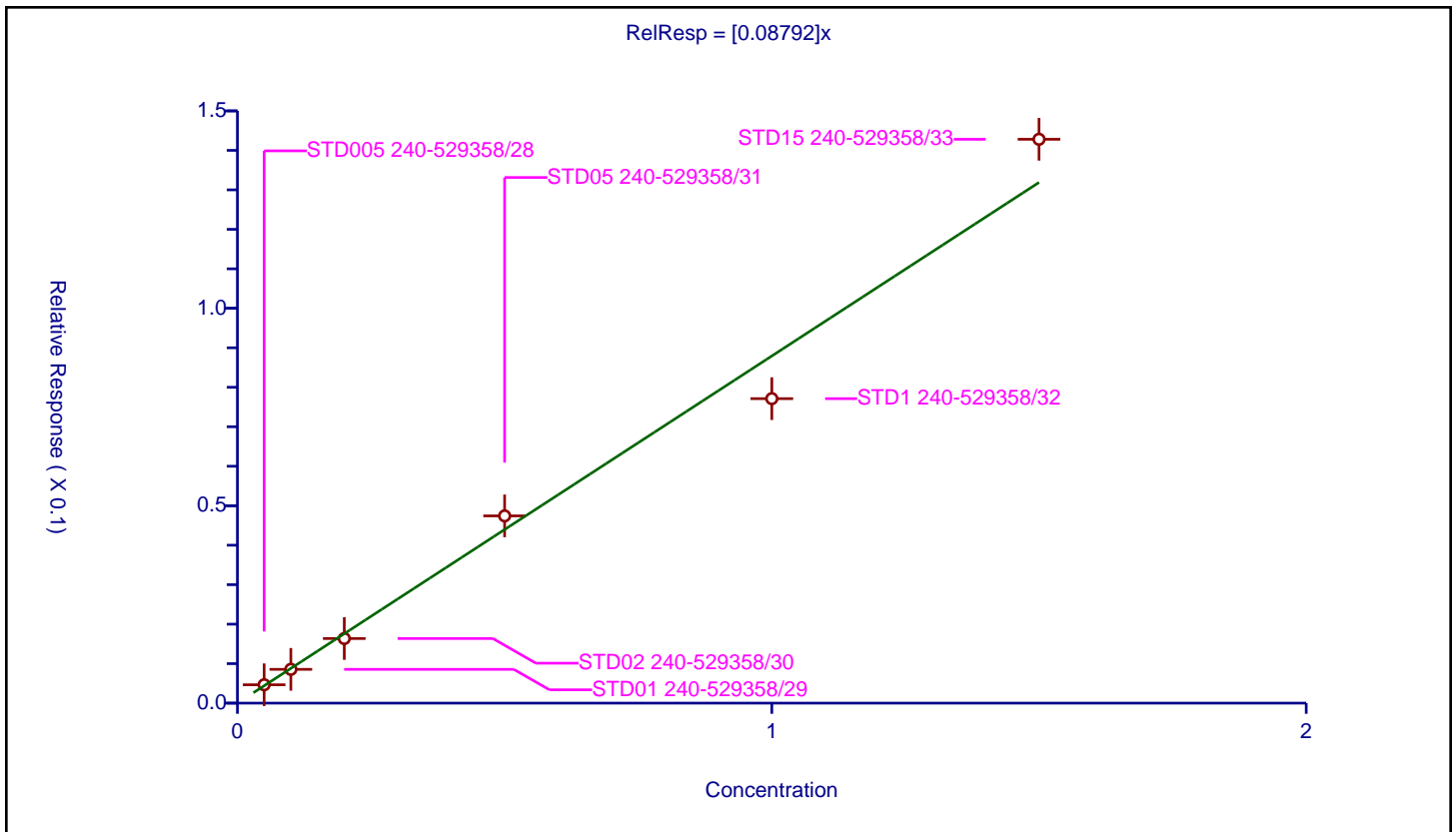
/ PCB-1260 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08792

Error Coefficients	
Standard Error:	56600000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.004651	0.05	43981103.0	0.093012	Y
2	STD01 240-529358/29	0.1	0.008554	0.05	43751966.0	0.08554	Y
3	STD02 240-529358/30	0.2	0.01636	0.05	40255578.0	0.081798	Y
4	STD05 240-529358/31	0.5	0.047426	0.05	36145679.0	0.094851	Y
5	STD1 240-529358/32	1.0	0.077119	0.05	41464328.0	0.077119	Y
6	STD15 240-529358/33	1.5	0.14281	0.05	35933547.0	0.095207	Y



Calibration

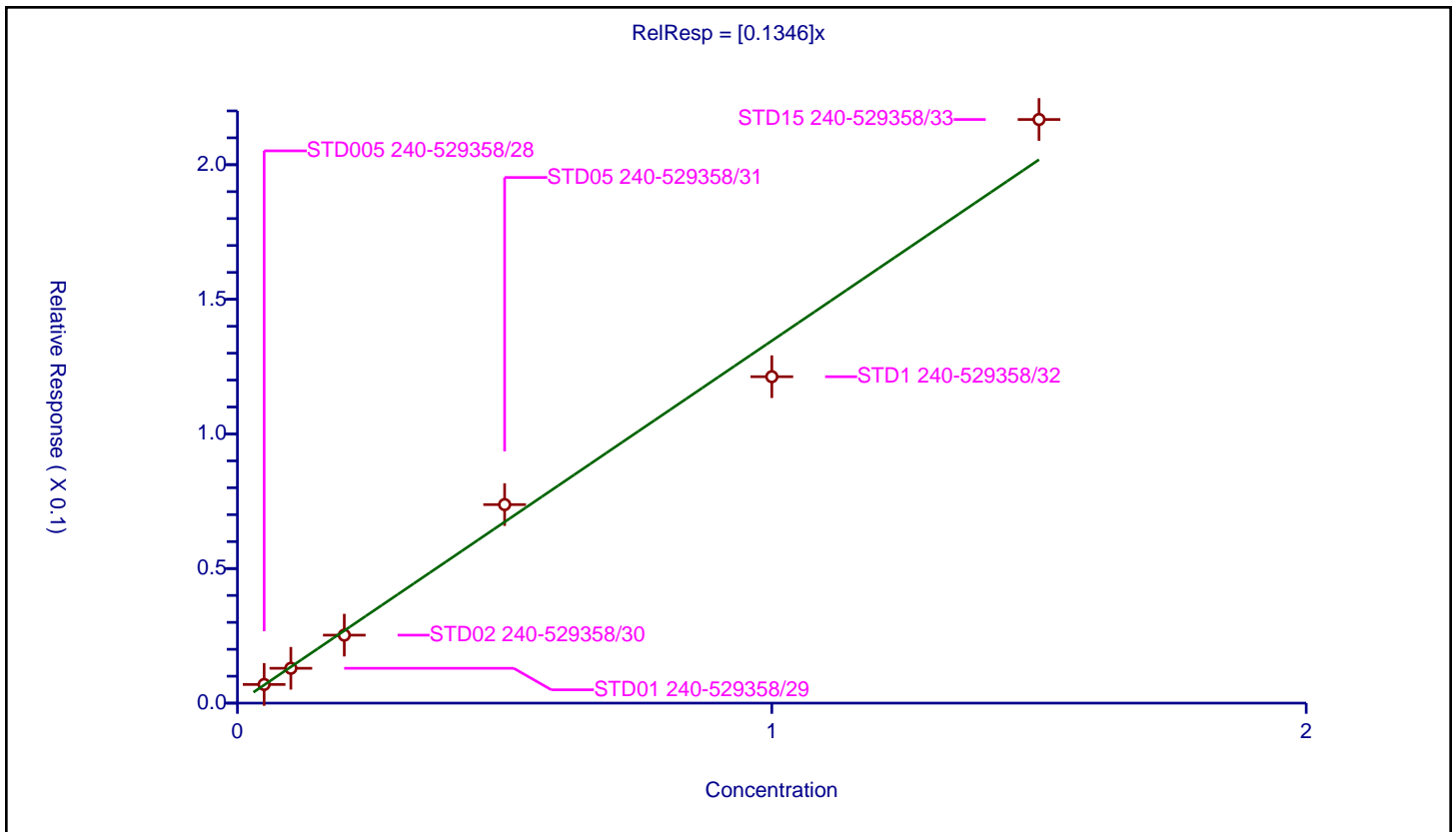
/ PCB-1260 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1346

Error Coefficients	
Standard Error:	87000000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.00693	0.05	43981103.0	0.138592	Y
2	STD01 240-529358/29	0.1	0.012944	0.05	43751966.0	0.129445	Y
3	STD02 240-529358/30	0.2	0.02525	0.05	40255578.0	0.126249	Y
4	STD05 240-529358/31	0.5	0.073754	0.05	36145679.0	0.147507	Y
5	STD1 240-529358/32	1.0	0.121258	0.05	41464328.0	0.121258	Y
6	STD15 240-529358/33	1.5	0.216801	0.05	35933547.0	0.144534	Y



Calibration

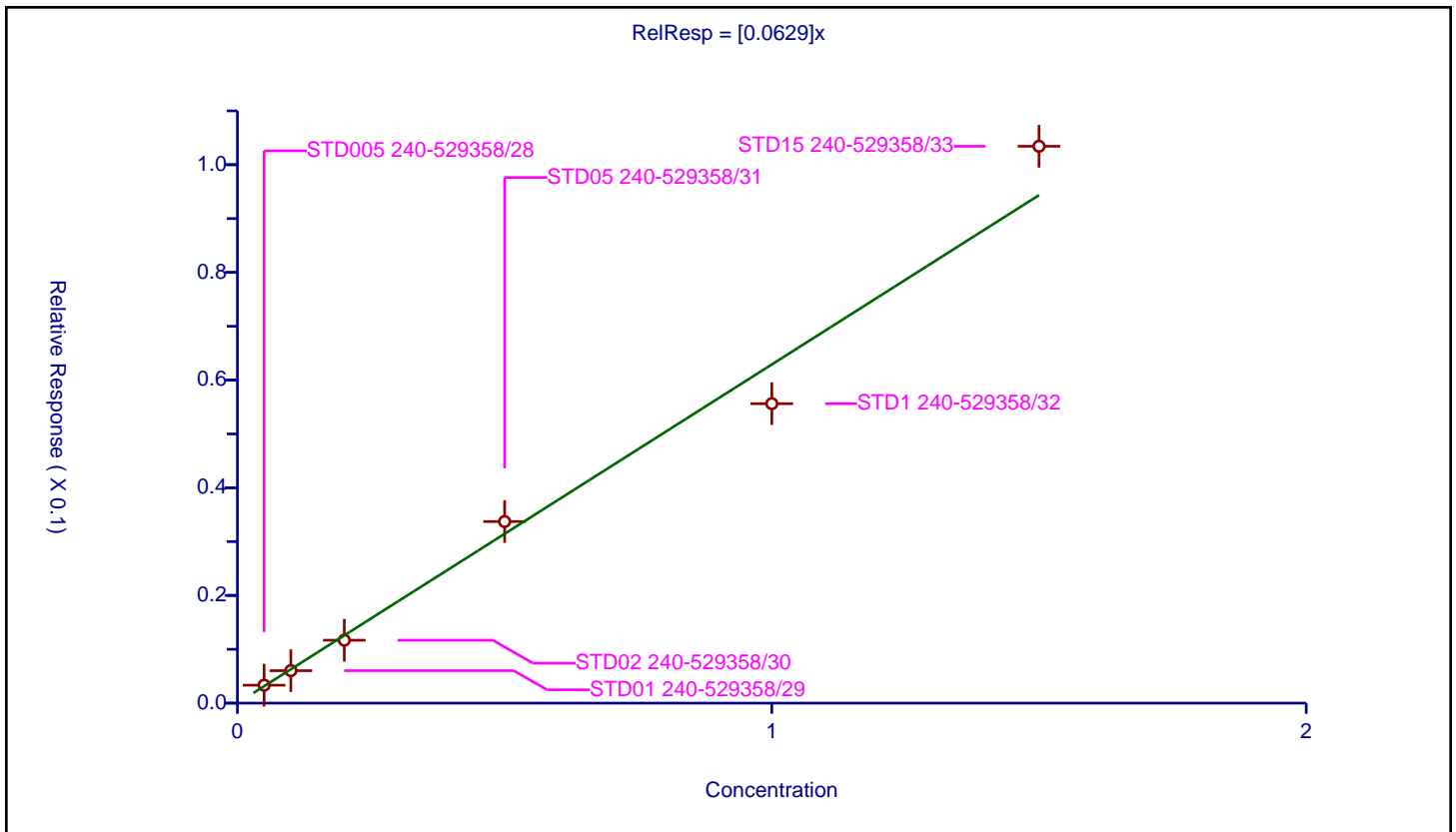
/ PCB-1260 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0629

Error Coefficients	
Standard Error:	40900000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.003333	0.05	43981103.0	0.066665	Y
2	STD01 240-529358/29	0.1	0.006028	0.05	43751966.0	0.060279	Y
3	STD02 240-529358/30	0.2	0.011687	0.05	40255578.0	0.058436	Y
4	STD05 240-529358/31	0.5	0.033725	0.05	36145679.0	0.06745	Y
5	STD1 240-529358/32	1.0	0.055619	0.05	41464328.0	0.055619	Y
6	STD15 240-529358/33	1.5	0.103427	0.05	35933547.0	0.068951	Y



Calibration

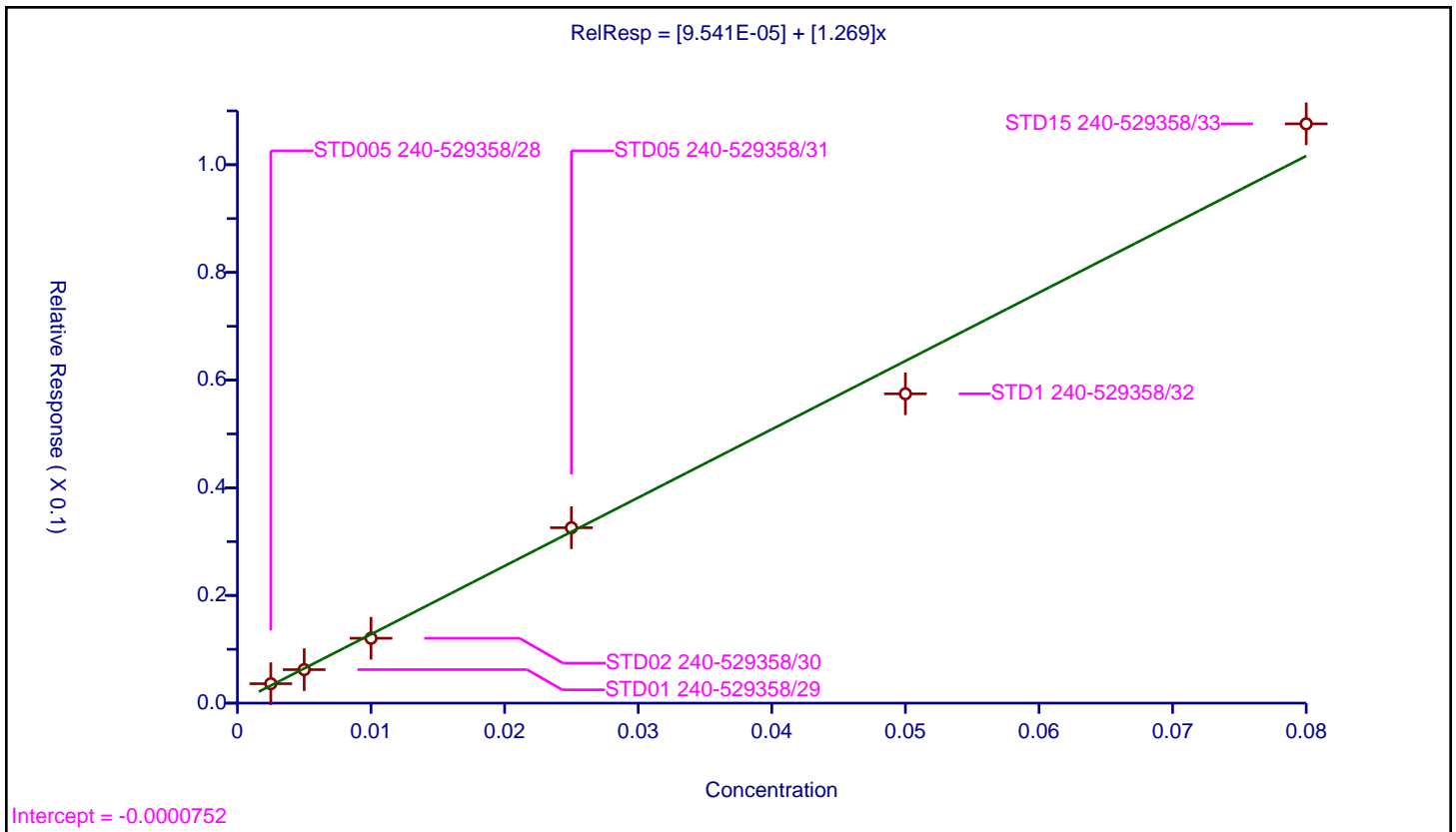
/ DCB Decachlorobiphenyl

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	9.541E-05
Slope:	1.269

Error Coefficients	
Standard Error:	47300000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.0025	0.003607	0.05	43981103.0	1.442718	Y
2	STD01 240-529358/29	0.005	0.006221	0.05	43751966.0	1.244115	Y
3	STD02 240-529358/30	0.01	0.012047	0.05	40255578.0	1.204684	Y
4	STD05 240-529358/31	0.025	0.032577	0.05	36145679.0	1.303091	Y
5	STD1 240-529358/32	0.05	0.057454	0.05	41464328.0	1.149077	Y
6	STD15 240-529358/33	0.08	0.107597	0.05	35933547.0	1.344958	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 21:56 Calibration End Date: 06/06/2022 23:20 Calibration ID: 66118

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/28	P19060628.D
Level 2	STD01 240-529358/29	P19060629.D
Level 3	STD02 240-529358/30	P19060630.D
Level 4	STD05 240-529358/31	P19060631.D
Level 5	STD1 240-529358/32	P19060632.D
Level 6	STD15 240-529358/33	P19060633.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0231 0.0190	0.0208	0.0190	0.0202	0.0161	Ave		0.019 7			11.8		20.0				
PCB-1016 Peak 2	0.0419 0.0364	0.0381	0.0354	0.0378	0.0306	Ave		0.036 7			10.1		20.0				
PCB-1016 Peak 3	0.0808 0.0827	0.0752	0.0718	0.0816	0.0683	Ave		0.076 7			7.7		20.0				
PCB-1016 Peak 4	0.0341 0.0346	0.0347	0.0324	0.0357	0.0294	Ave		0.033 5			6.8		20.0				
PCB-1016 Peak 5	0.0226 0.0187	0.0201	0.0181	0.0191	0.0157	Ave		0.019 0			12.1		20.0				
PCB-1260 Peak 1	0.0641 0.0602	0.0579	0.0544	0.0613	0.0497	Ave		0.057 9			9.0		20.0				
PCB-1260 Peak 2	0.0734 0.0709	0.0659	0.0626	0.0709	0.0582	Ave		0.067 0			8.7		20.0				
PCB-1260 Peak 3	0.1039 0.1038	0.0942	0.0902	0.1034	0.0855	Ave		0.096 8			8.3		20.0				
PCB-1260 Peak 4	0.1417 0.1522	0.1307	0.1276	0.1485	0.1237	Ave		0.137 4			8.5		20.0				
PCB-1260 Peak 5	0.1048 0.1091	0.0957	0.0922	0.1063	0.0895	Ave		0.099 6			8.2		20.0				
Tetrachloro-m-xylene	1.1500 1.1506	1.0518	1.0104	1.1144	0.9887	Lin1	0	1.091 0						0.9940		0.9900	
DCB Decachlorobiphenyl	1.4581 1.3723	1.2921	1.2333	1.3326	1.1802	Lin1	0.000 1	1.298 2						0.9940		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-170019-1 Analy Batch No.: 529358

SDG No.: _____

Instrument ID: A2HP19 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2022 21:56 Calibration End Date: 06/06/2022 23:20 Calibration ID: 66118

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-529358/28	P19060628.D
Level 2	STD01 240-529358/29	P19060629.D
Level 3	STD02 240-529358/30	P19060630.D
Level 4	STD05 240-529358/31	P19060631.D
Level 5	STD1 240-529358/32	P19060632.D
Level 6	STD15 240-529358/33	P19060633.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1136788 22715046	2036946	3442002	8194320	14859078	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	2057590 43423246	3733875	6406827	15291212	28266561	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	3970624 98717441	7368857	12969655	33034668	63134179	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	1675243 41342270	3400046	5862491	14454687	27187228	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	1112603 22265211	1966766	3277760	7735945	14465389	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	3152346 71859649	5677187	9829114	24800262	45936415	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	3604920 84605434	6455394	11319011	28693837	53730724	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	5107095 123920822	9231328	16293516	41846614	79001777	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	6962603 181657855	12802903	23055827	60126874	114327292	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	5151509 130214284	9375166	16661251	43025269	82683030	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	2825871 73233102	5152685	9130821	22560284	45672001	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	3582940 87342662	6329862	11145043	26978764	54521346	0.00250 0.0800	0.00500	0.0100	0.0250	0.0500

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration

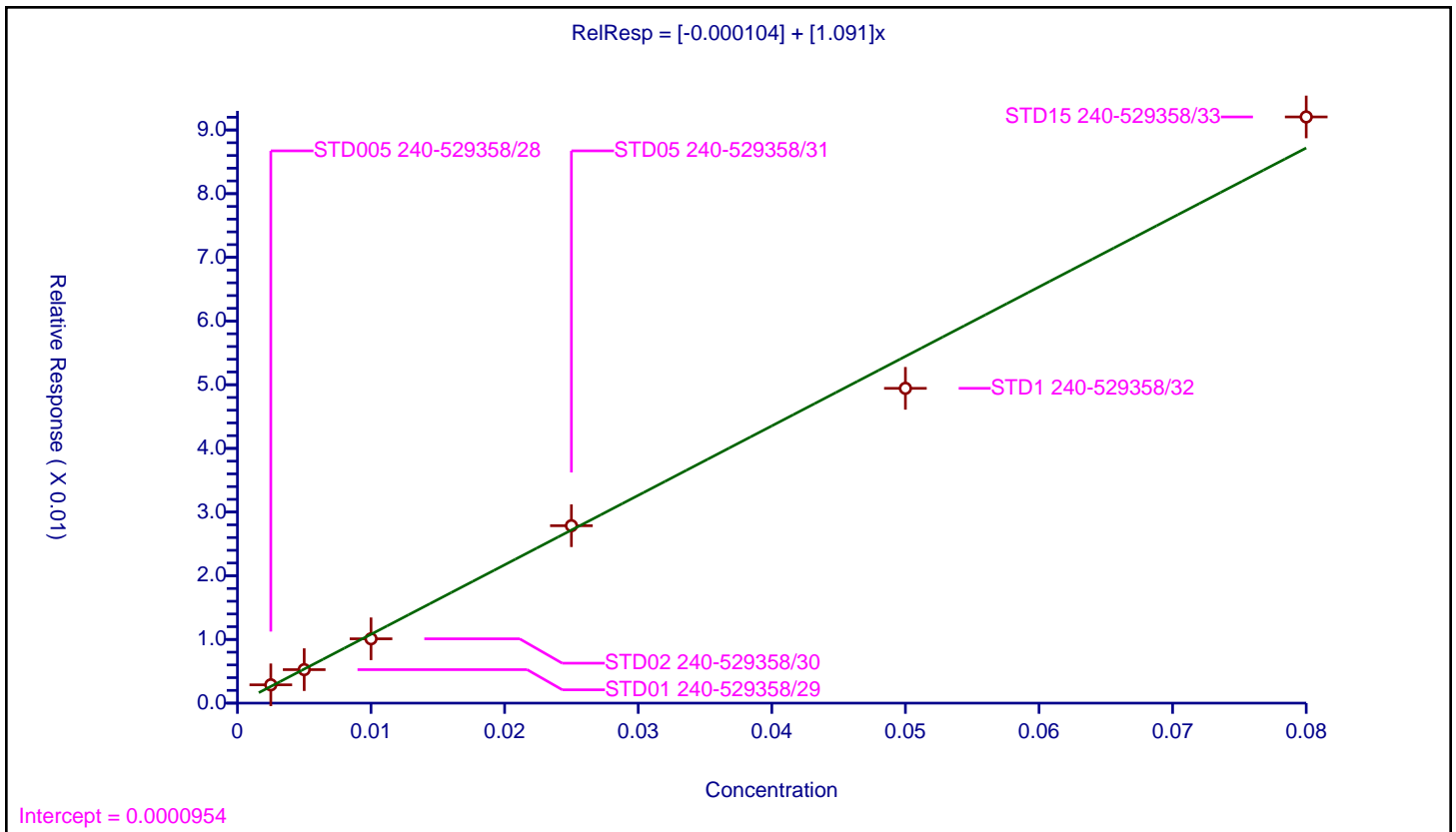
/ Tetrachloro-m-xylene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.000104
Slope:	1.091

Error Coefficients	
Standard Error:	44900000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.0025	0.002875	0.05	49145015.0	1.150013	Y
2	STD01 240-529358/29	0.005	0.005259	0.05	48989887.0	1.051785	Y
3	STD02 240-529358/30	0.01	0.010104	0.05	45183770.0	1.010409	Y
4	STD05 240-529358/31	0.025	0.02786	0.05	40489092.0	1.114388	Y
5	STD1 240-529358/32	0.05	0.049434	0.05	46194987.0	0.988679	Y
6	STD15 240-529358/33	0.08	0.092049	0.05	39779364.0	1.150614	Y



Calibration

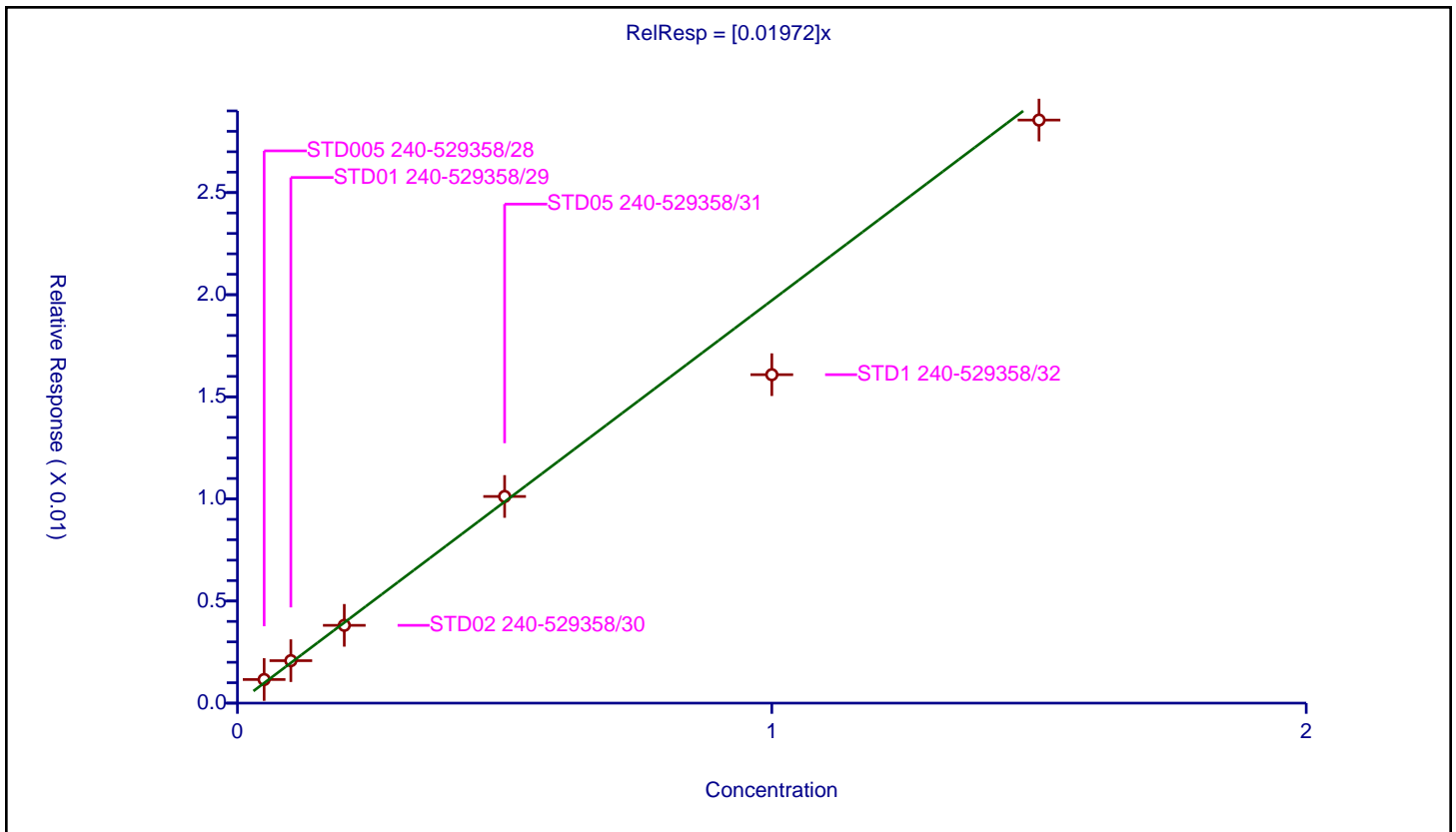
/ PCB-1016 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01972

Error Coefficients	
Standard Error:	12800000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001157	0.05	49145015.0	0.023131	Y
2	STD01 240-529358/29	0.1	0.002079	0.05	48989887.0	0.020789	Y
3	STD02 240-529358/30	0.2	0.003809	0.05	45183770.0	0.019044	Y
4	STD05 240-529358/31	0.5	0.010119	0.05	40489092.0	0.020238	Y
5	STD1 240-529358/32	1.0	0.016083	0.05	46194987.0	0.016083	Y
6	STD15 240-529358/33	1.5	0.028551	0.05	39779364.0	0.019034	Y



Calibration

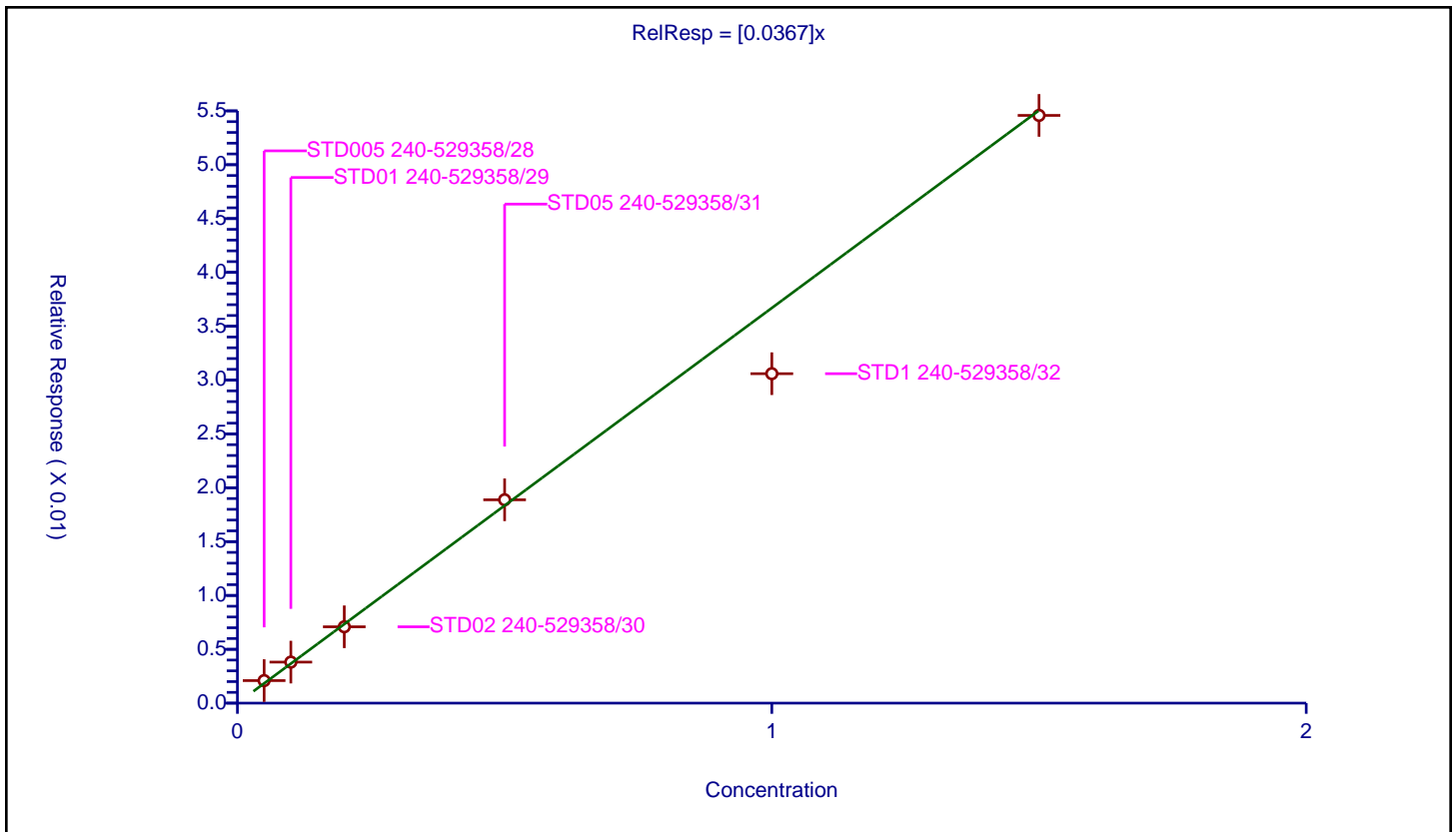
/ PCB-1016 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0367

Error Coefficients	
Standard Error:	24400000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.002093	0.05	49145015.0	0.041868	Y
2	STD01 240-529358/29	0.1	0.003811	0.05	48989887.0	0.038109	Y
3	STD02 240-529358/30	0.2	0.00709	0.05	45183770.0	0.035449	Y
4	STD05 240-529358/31	0.5	0.018883	0.05	40489092.0	0.037766	Y
5	STD1 240-529358/32	1.0	0.030595	0.05	46194987.0	0.030595	Y
6	STD15 240-529358/33	1.5	0.05458	0.05	39779364.0	0.036387	Y



Calibration

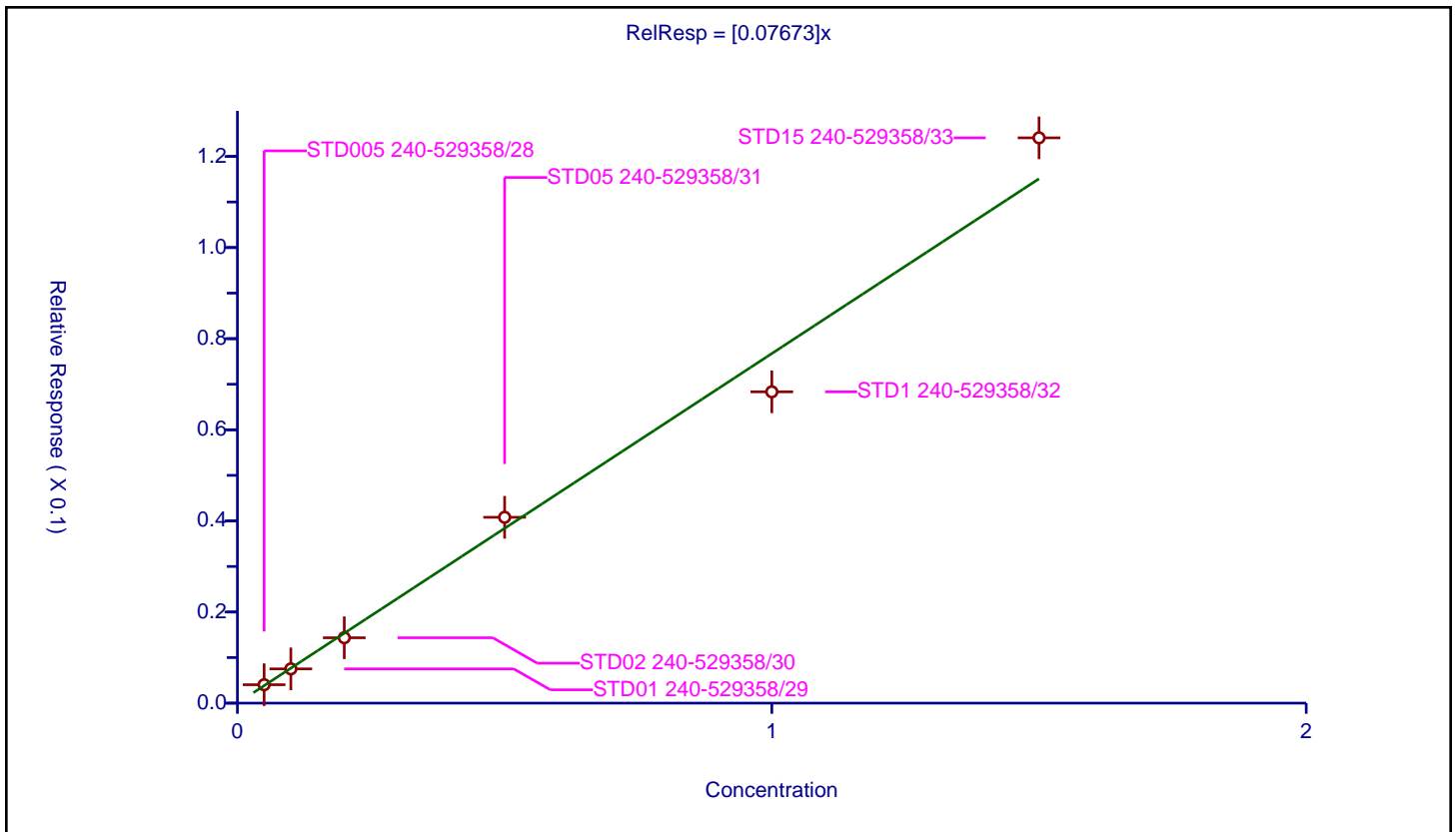
/ PCB-1016 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07673

Error Coefficients	
Standard Error:	54900000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.00404	0.05	49145015.0	0.080794	Y
2	STD01 240-529358/29	0.1	0.007521	0.05	48989887.0	0.075208	Y
3	STD02 240-529358/30	0.2	0.014352	0.05	45183770.0	0.071761	Y
4	STD05 240-529358/31	0.5	0.040795	0.05	40489092.0	0.081589	Y
5	STD1 240-529358/32	1.0	0.068334	0.05	46194987.0	0.068334	Y
6	STD15 240-529358/33	1.5	0.124081	0.05	39779364.0	0.082721	Y



Calibration

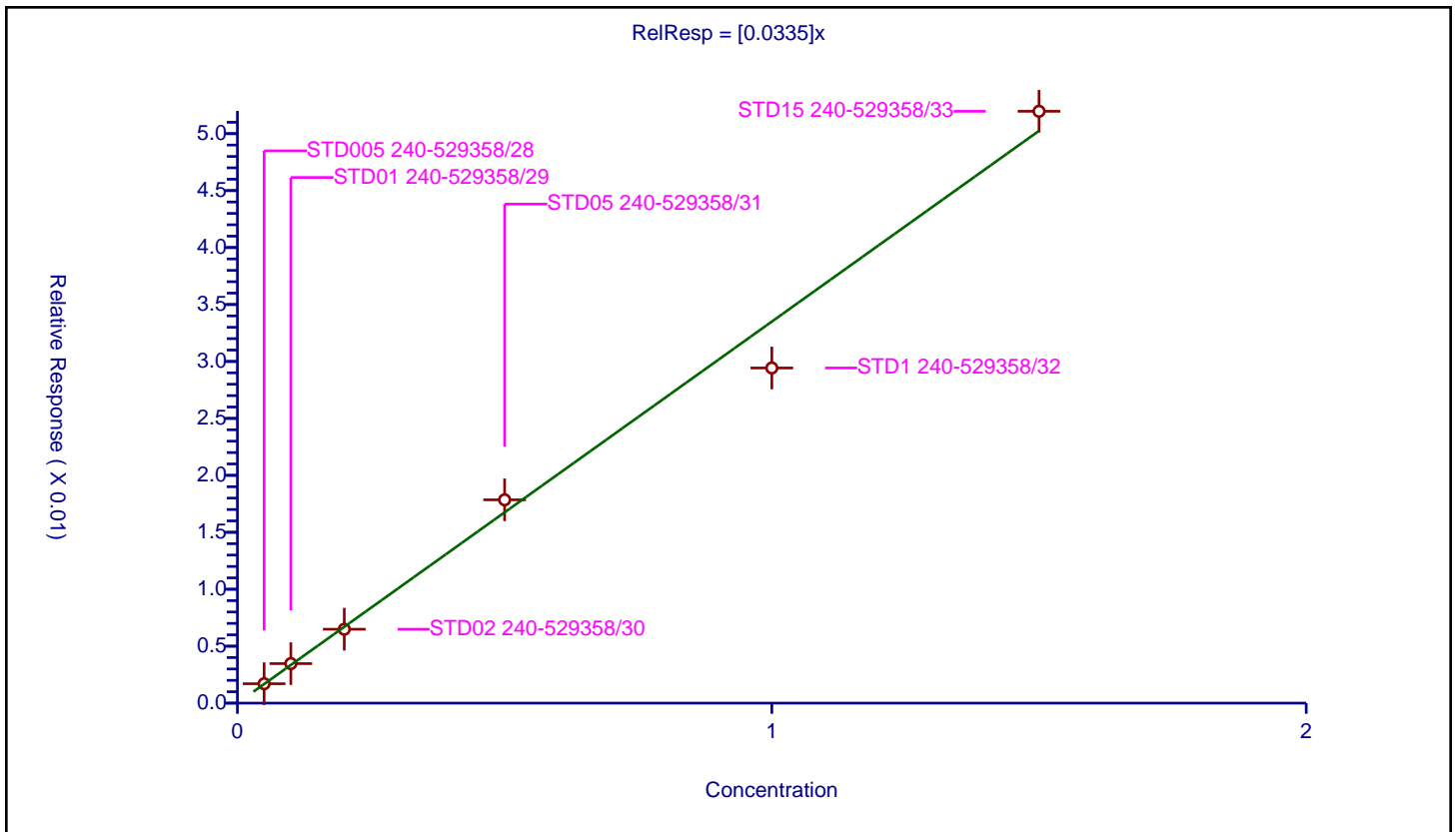
/ PCB-1016 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0335

Error Coefficients	
Standard Error:	23300000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001704	0.05	49145015.0	0.034088	Y
2	STD01 240-529358/29	0.1	0.00347	0.05	48989887.0	0.034702	Y
3	STD02 240-529358/30	0.2	0.006487	0.05	45183770.0	0.032437	Y
4	STD05 240-529358/31	0.5	0.01785	0.05	40489092.0	0.0357	Y
5	STD1 240-529358/32	1.0	0.029427	0.05	46194987.0	0.029427	Y
6	STD15 240-529358/33	1.5	0.051964	0.05	39779364.0	0.034643	Y



Calibration

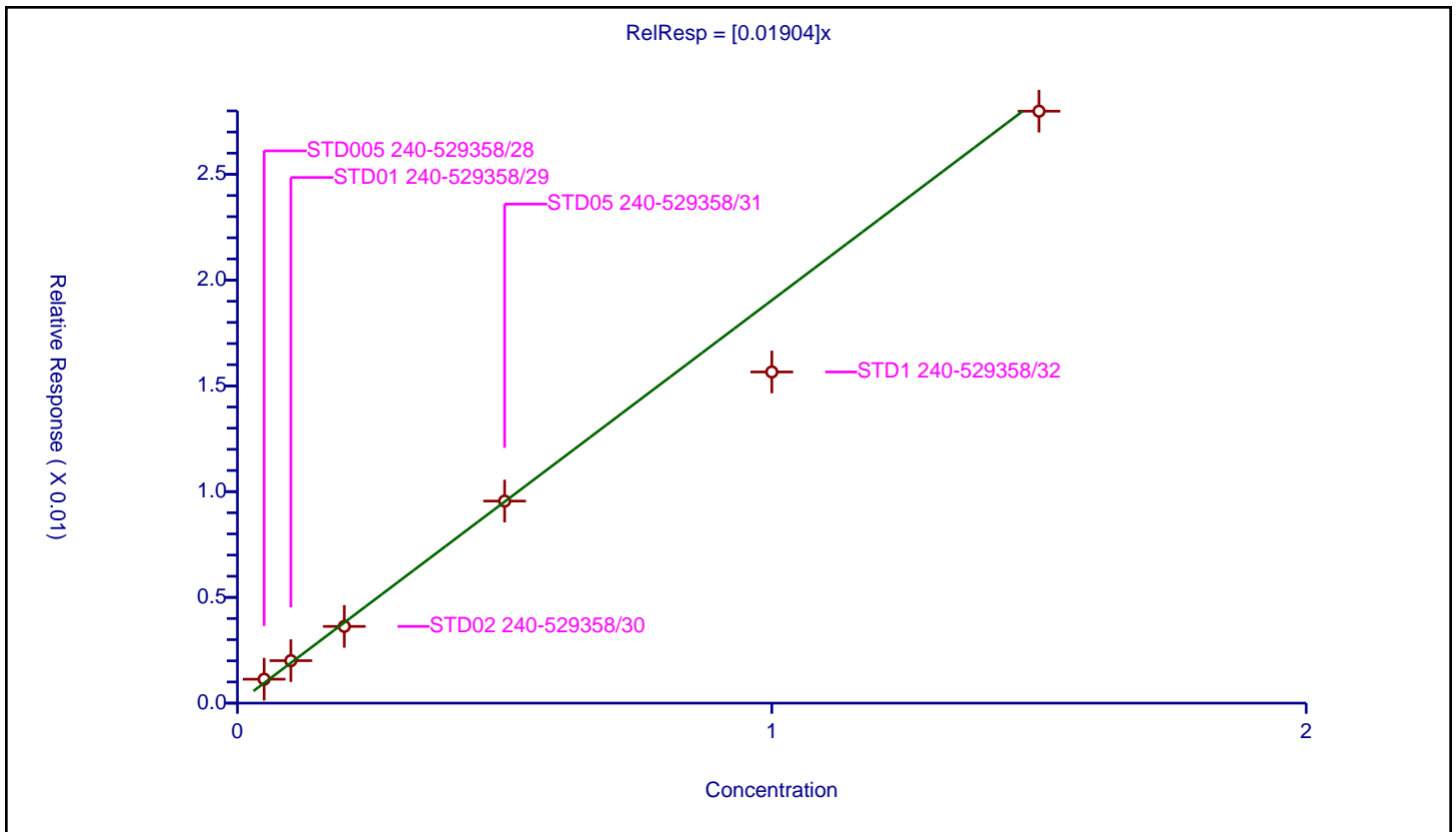
/ PCB-1016 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01904

Error Coefficients	
Standard Error:	12500000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.001132	0.05	49145015.0	0.022639	Y
2	STD01 240-529358/29	0.1	0.002007	0.05	48989887.0	0.020073	Y
3	STD02 240-529358/30	0.2	0.003627	0.05	45183770.0	0.018136	Y
4	STD05 240-529358/31	0.5	0.009553	0.05	40489092.0	0.019106	Y
5	STD1 240-529358/32	1.0	0.015657	0.05	46194987.0	0.015657	Y
6	STD15 240-529358/33	1.5	0.027986	0.05	39779364.0	0.018657	Y



Calibration

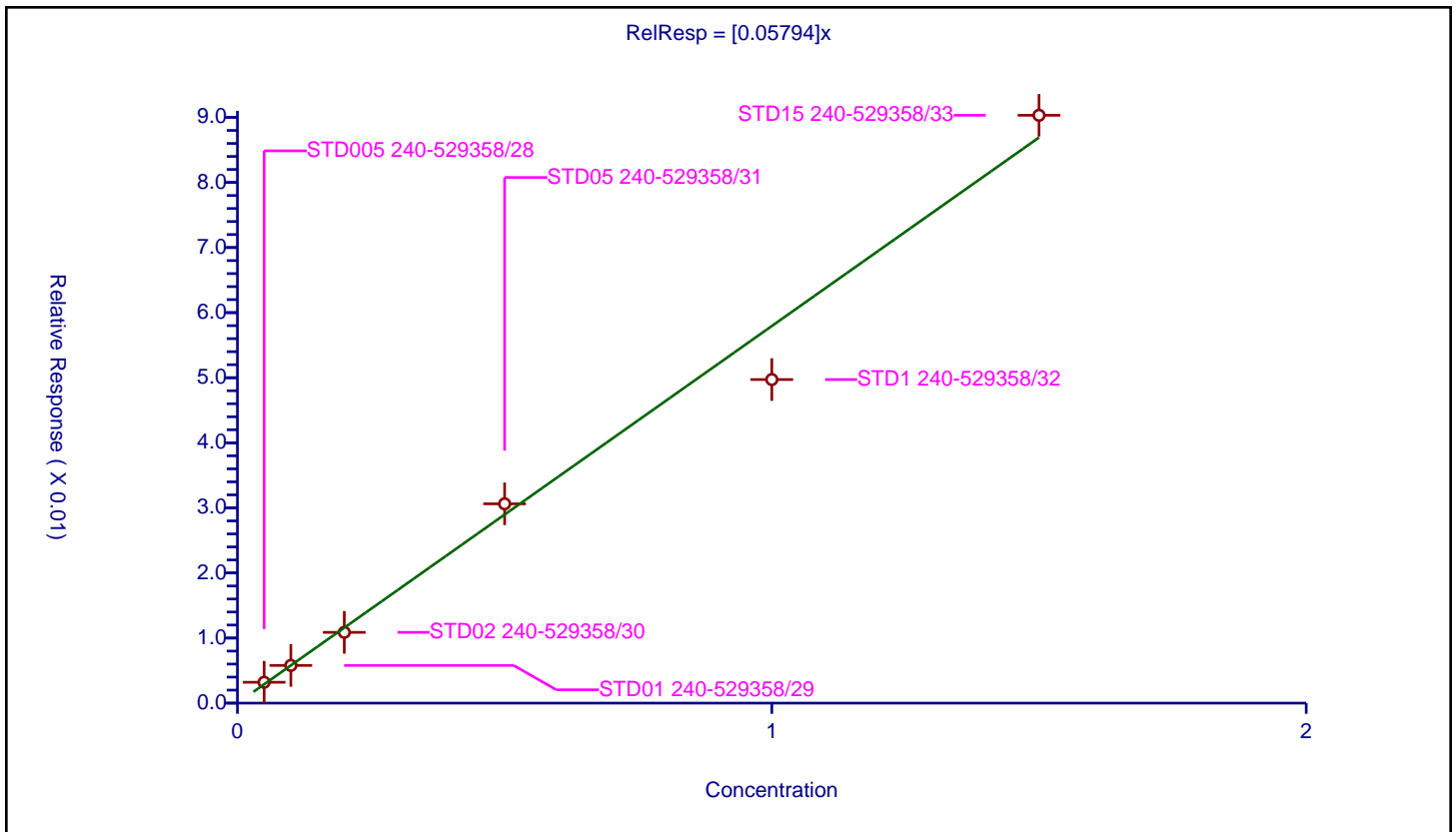
/ PCB-1260 Peak 1

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05794

Error Coefficients	
Standard Error:	40100000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.003207	0.05	49145015.0	0.064144	Y
2	STD01 240-529358/29	0.1	0.005794	0.05	48989887.0	0.057942	Y
3	STD02 240-529358/30	0.2	0.010877	0.05	45183770.0	0.054384	Y
4	STD05 240-529358/31	0.5	0.030626	0.05	40489092.0	0.061252	Y
5	STD1 240-529358/32	1.0	0.04972	0.05	46194987.0	0.04972	Y
6	STD15 240-529358/33	1.5	0.090323	0.05	39779364.0	0.060215	Y



Calibration

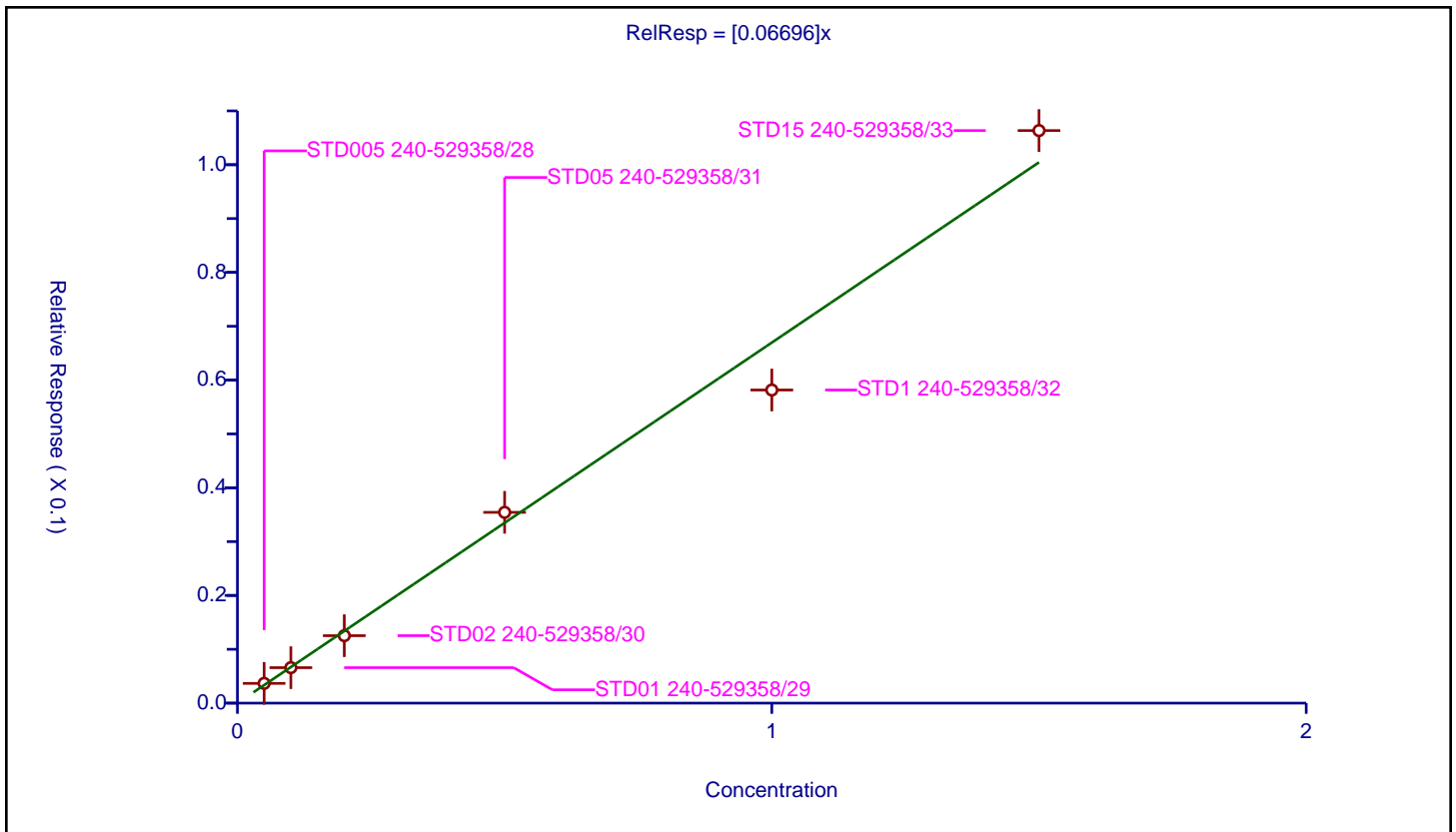
/ PCB-1260 Peak 2

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06696

Error Coefficients	
Standard Error:	47000000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.003668	0.05	49145015.0	0.073353	Y
2	STD01 240-529358/29	0.1	0.006588	0.05	48989887.0	0.065885	Y
3	STD02 240-529358/30	0.2	0.012526	0.05	45183770.0	0.062628	Y
4	STD05 240-529358/31	0.5	0.035434	0.05	40489092.0	0.070868	Y
5	STD1 240-529358/32	1.0	0.058156	0.05	46194987.0	0.058156	Y
6	STD15 240-529358/33	1.5	0.106343	0.05	39779364.0	0.070896	Y



Calibration

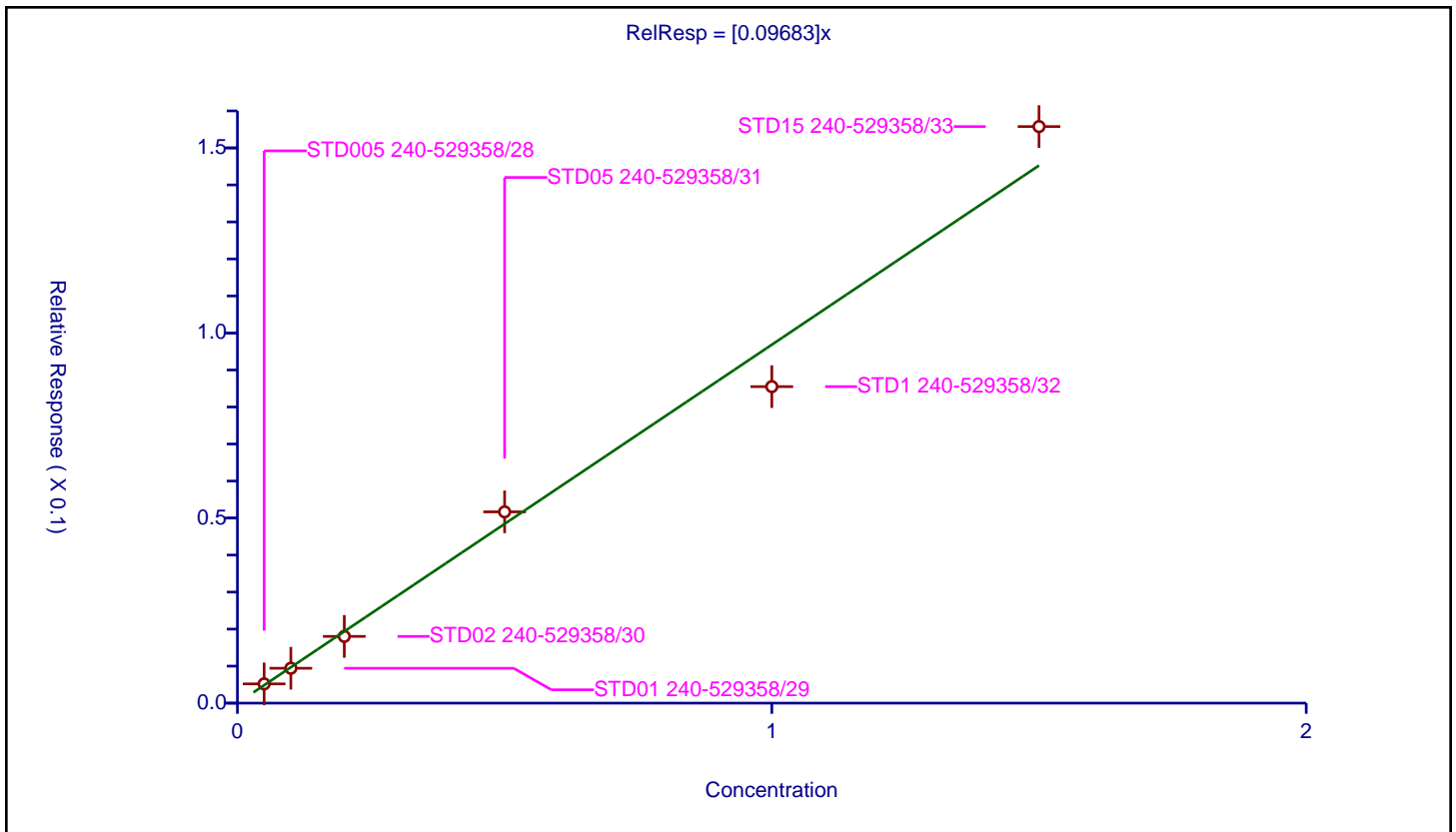
/ PCB-1260 Peak 3

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09683

Error Coefficients	
Standard Error:	68900000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.005196	0.05	49145015.0	0.103919	Y
2	STD01 240-529358/29	0.1	0.009422	0.05	48989887.0	0.094217	Y
3	STD02 240-529358/30	0.2	0.01803	0.05	45183770.0	0.090151	Y
4	STD05 240-529358/31	0.5	0.051676	0.05	40489092.0	0.103353	Y
5	STD1 240-529358/32	1.0	0.085509	0.05	46194987.0	0.085509	Y
6	STD15 240-529358/33	1.5	0.15576	0.05	39779364.0	0.10384	Y



Calibration

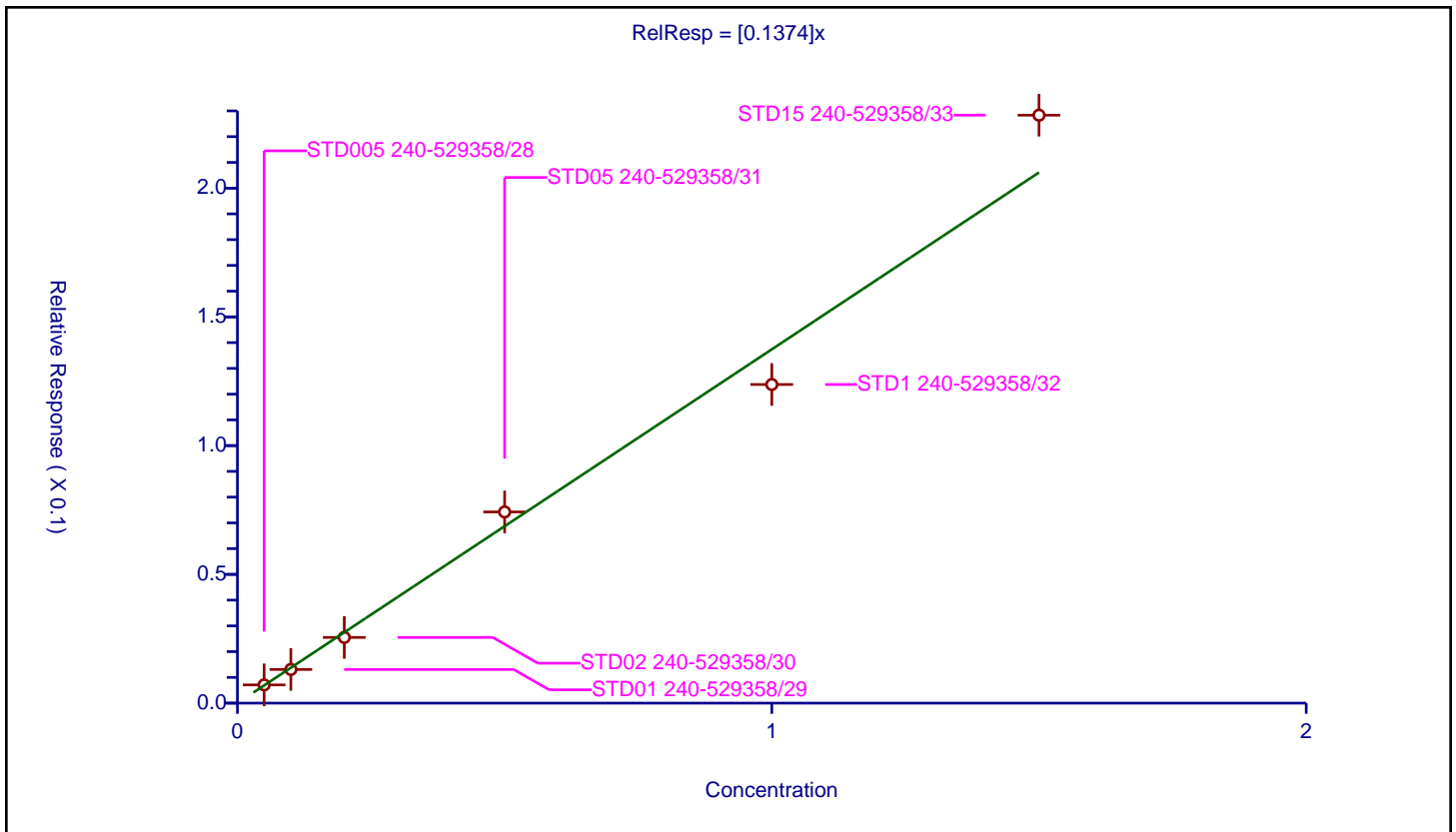
/ PCB-1260 Peak 4

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1374

Error Coefficients	
Standard Error:	100000000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.007084	0.05	49145015.0	0.141675	Y
2	STD01 240-529358/29	0.1	0.013067	0.05	48989887.0	0.130669	Y
3	STD02 240-529358/30	0.2	0.025513	0.05	45183770.0	0.127567	Y
4	STD05 240-529358/31	0.5	0.074251	0.05	40489092.0	0.148501	Y
5	STD1 240-529358/32	1.0	0.123744	0.05	46194987.0	0.123744	Y
6	STD15 240-529358/33	1.5	0.228332	0.05	39779364.0	0.152221	Y



Calibration

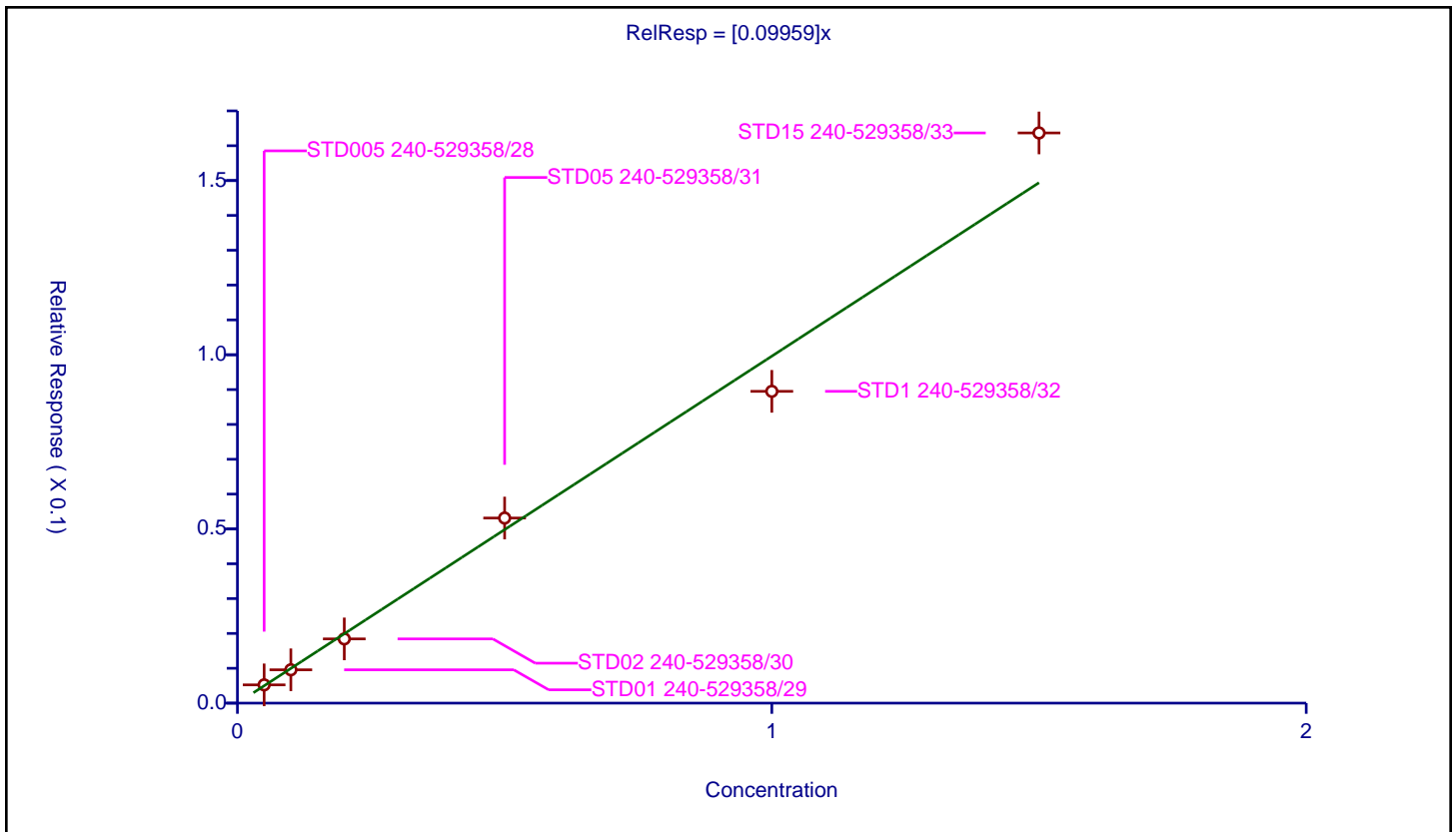
/ PCB-1260 Peak 5

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09959

Error Coefficients	
Standard Error:	72200000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.05	0.005241	0.05	49145015.0	0.104823	Y
2	STD01 240-529358/29	0.1	0.009568	0.05	48989887.0	0.095685	Y
3	STD02 240-529358/30	0.2	0.018437	0.05	45183770.0	0.092186	Y
4	STD05 240-529358/31	0.5	0.053132	0.05	40489092.0	0.106264	Y
5	STD1 240-529358/32	1.0	0.089494	0.05	46194987.0	0.089494	Y
6	STD15 240-529358/33	1.5	0.163671	0.05	39779364.0	0.109114	Y



Calibration

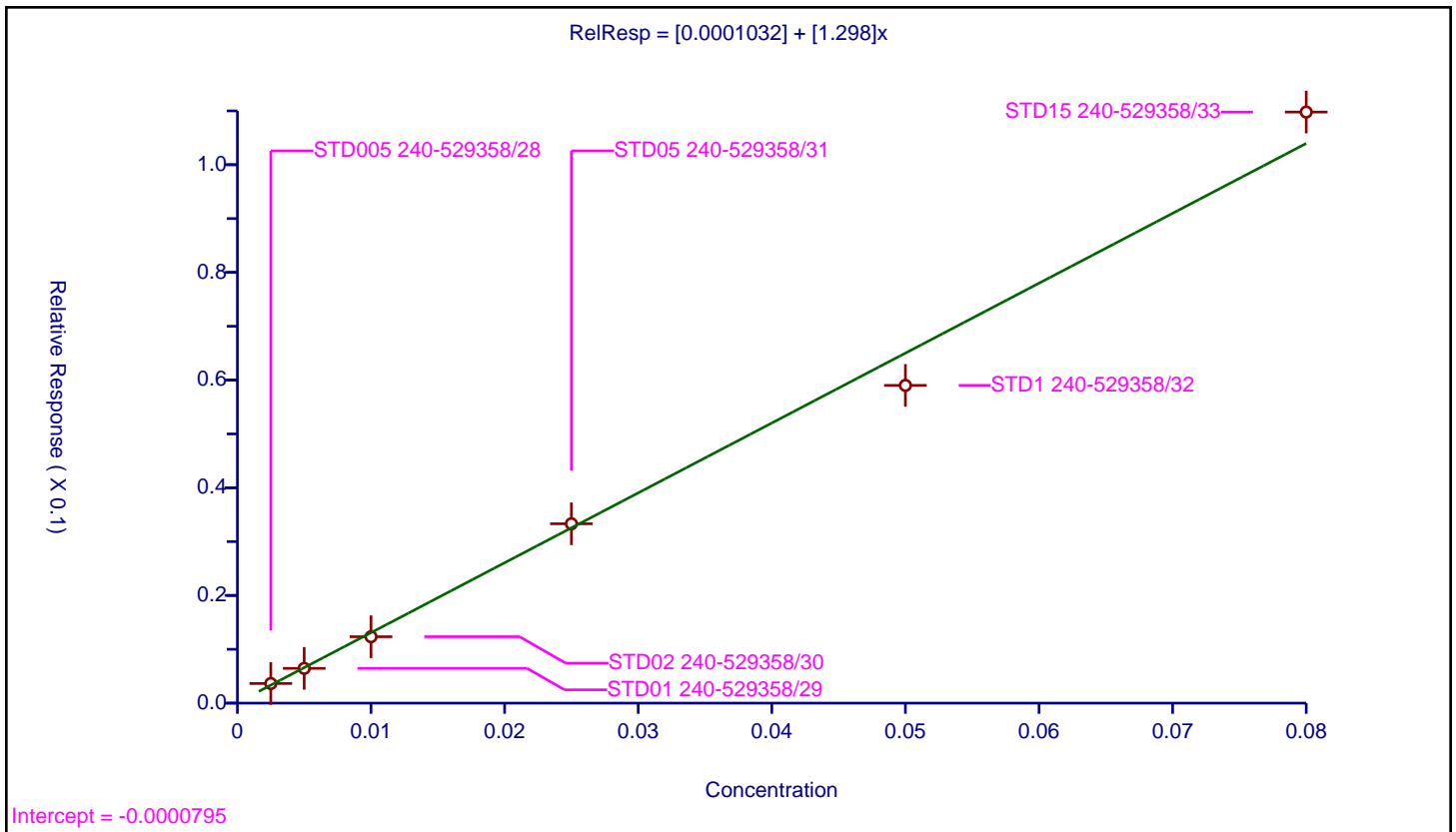
/ DCB Decachlorobiphenyl

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.0001032
Slope:	1.298

Error Coefficients	
Standard Error:	53600000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 240-529358/28	0.0025	0.003645	0.05	49145015.0	1.458109	Y
2	STD01 240-529358/29	0.005	0.00646	0.05	48989887.0	1.292075	Y
3	STD02 240-529358/30	0.01	0.012333	0.05	45183770.0	1.233302	Y
4	STD05 240-529358/31	0.025	0.033316	0.05	40489092.0	1.332644	Y
5	STD1 240-529358/32	0.05	0.059012	0.05	46194987.0	1.180244	Y
6	STD15 240-529358/33	0.08	0.109784	0.05	39779364.0	1.372299	Y



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/34 Calibration Date: 07/25/2022 20:18
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072534.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0143	0.0122		0.427	0.500	-14.6	20.0
PCB-1221 Peak 2	Lin1		0.0080		0.442	0.500	-11.6	20.0
PCB-1221 Peak 3	Ave	0.0367	0.0290		0.394	0.500	-21.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/34 Calibration Date: 07/25/2022 20:18
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072534.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	3.11	3.09	3.13
PCB-1221 Peak 2	3.34	3.33	3.36
PCB-1221 Peak 3	3.41	3.39	3.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/34 Calibration Date: 07/25/2022 20:18
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072534.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin1		0.0161		0.421	0.500	-15.8	20.0
PCB-1221 Peak 2	Ave	0.0140	0.0116		0.413	0.500	-17.3	20.0
PCB-1221 Peak 3	Ave	0.0486	0.0391		0.402	0.500	-19.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Lab Sample ID: ICV 240-536024/34 Calibration Date: 07/25/2022 20:18
Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
Lab File ID: P12072534.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.15	4.13	4.17
PCB-1221 Peak 2	4.37	4.36	4.39
PCB-1221 Peak 3	4.46	4.45	4.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/35 Calibration Date: 07/25/2022 20:34
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072535.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0323	0.0268		0.414	0.500	-17.2	20.0
PCB-1232 Peak 2	Ave	0.0239	0.0213		0.446	0.500	-10.8	20.0
PCB-1232 Peak 3	Ave	0.0429	0.0414		0.482	0.500	-3.5	20.0
PCB-1232 Peak 4	Ave	0.0238	0.0204		0.428	0.500	-14.3	20.0
PCB-1232 Peak 5	Ave	0.0114	0.0067		0.295	0.500	-40.9*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/35 Calibration Date: 07/25/2022 20:34
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072535.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	3.41	3.39	3.43
PCB-1232 Peak 2	4.01	4.00	4.03
PCB-1232 Peak 3	4.68	4.66	4.70
PCB-1232 Peak 4	4.85	4.84	4.88
PCB-1232 Peak 5	5.17	5.15	5.19

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/35 Calibration Date: 07/25/2022 20:34
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072535.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0438	0.0366		0.418	0.500	-16.4	20.0
PCB-1232 Peak 2	Ave	0.0363	0.0313		0.431	0.500	-13.8	20.0
PCB-1232 Peak 3	Ave	0.0584	0.0548		0.469	0.500	-6.2	20.0
PCB-1232 Peak 4	Ave	0.0333	0.0263		0.394	0.500	-21.1*	20.0
PCB-1232 Peak 5	Ave	0.0150	0.0127		0.423	0.500	-15.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/35 Calibration Date: 07/25/2022 20:34
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072535.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.47	4.45	4.48
PCB-1232 Peak 2	5.04	5.03	5.06
PCB-1232 Peak 3	5.60	5.58	5.62
PCB-1232 Peak 4	5.75	5.73	5.77
PCB-1232 Peak 5	6.03	6.01	6.05

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/36 Calibration Date: 07/25/2022 20:49
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072536.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0264	0.0224		0.425	0.500	-15.0	20.0
PCB-1242 Peak 2	Ave	0.0391	0.0374		0.479	0.500	-4.3	20.0
PCB-1242 Peak 3	Ave	0.0741	0.0751		0.507	0.500	1.3	20.0
PCB-1242 Peak 4	Ave	0.0373	0.0366		0.491	0.500	-1.8	20.0
PCB-1242 Peak 5	Ave	0.0142	0.0141		0.493	0.500	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/36 Calibration Date: 07/25/2022 20:49
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072536.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.41	3.39	3.43
PCB-1242 Peak 2	4.02	4.00	4.03
PCB-1242 Peak 3	4.68	4.66	4.70
PCB-1242 Peak 4	4.86	4.84	4.87
PCB-1242 Peak 5	5.17	5.15	5.18

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/36 Calibration Date: 07/25/2022 20:49
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072536.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0354	0.0311		0.439	0.500	-12.1	20.0
PCB-1242 Peak 2	Ave	0.0559	0.0531		0.474	0.500	-5.1	20.0
PCB-1242 Peak 3	Ave	0.1002	0.1008		0.503	0.500	0.6	20.0
PCB-1242 Peak 4	Ave	0.0521	0.0478		0.459	0.500	-8.2	20.0
PCB-1242 Peak 5	Ave	0.0277	0.0256		0.462	0.500	-7.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/36 Calibration Date: 07/25/2022 20:49
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072536.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.47	4.45	4.48
PCB-1242 Peak 2	5.04	5.02	5.06
PCB-1242 Peak 3	5.60	5.58	5.62
PCB-1242 Peak 4	5.75	5.73	5.77
PCB-1242 Peak 5	6.03	6.01	6.05

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/37 Calibration Date: 07/25/2022 21:05
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12072537.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0225	0.0200		0.443	0.500	-11.4	20.0
PCB-1248 Peak 2	Ave	0.0469	0.0444		0.473	0.500	-5.4	20.0
PCB-1248 Peak 3	Ave	0.0525	0.0464		0.442	0.500	-11.6	20.0
PCB-1248 Peak 4	Ave	0.0376	0.0346		0.461	0.500	-7.8	20.0
PCB-1248 Peak 5	Ave	0.0241	0.0224		0.465	0.500	-7.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/37 Calibration Date: 07/25/2022 21:05
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12072537.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	4.01	3.99	4.03
PCB-1248 Peak 2	4.68	4.66	4.69
PCB-1248 Peak 3	5.36	5.34	5.38
PCB-1248 Peak 4	6.06	6.04	6.08
PCB-1248 Peak 5	6.45	6.43	6.47

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/37 Calibration Date: 07/25/2022 21:05
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12072537.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0321	0.0279		0.436	0.500	-12.9	20.0
PCB-1248 Peak 2	Ave	0.0632	0.0594		0.470	0.500	-6.0	20.0
PCB-1248 Peak 3	Ave	0.0662	0.0589		0.445	0.500	-10.9	20.0
PCB-1248 Peak 4	Ave	0.0658	0.0596		0.453	0.500	-9.3	20.0
PCB-1248 Peak 5	Ave	0.0367	0.0333		0.454	0.500	-9.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/37 Calibration Date: 07/25/2022 21:05
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12072537.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.04	5.02	5.06
PCB-1248 Peak 2	5.59	5.58	5.61
PCB-1248 Peak 3	6.38	6.36	6.40
PCB-1248 Peak 4	6.68	6.67	6.70
PCB-1248 Peak 5	7.30	7.28	7.32

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/38 Calibration Date: 07/25/2022 21:21
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072538.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0532	0.0512		0.481	0.500	-3.7	20.0
PCB-1254 Peak 2	Ave	0.0719	0.0674		0.468	0.500	-6.3	20.0
PCB-1254 Peak 3	Ave	0.0522	0.0499		0.478	0.500	-4.5	20.0
PCB-1254 Peak 4	Ave	0.0479	0.0480		0.501	0.500	0.2	20.0
PCB-1254 Peak 5	Ave	0.0716	0.0736		0.514	0.500	2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/38 Calibration Date: 07/25/2022 21:21
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072538.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	6.06	6.04	6.08
PCB-1254 Peak 2	6.45	6.43	6.47
PCB-1254 Peak 3	6.72	6.70	6.74
PCB-1254 Peak 4	6.90	6.88	6.92
PCB-1254 Peak 5	7.15	7.13	7.17

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/38 Calibration Date: 07/25/2022 21:21
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072538.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0626	0.0567		0.453	0.500	-9.4	20.0
PCB-1254 Peak 2	Ave	0.0699	0.0658		0.471	0.500	-5.9	20.0
PCB-1254 Peak 3	Ave	0.1021	0.0922		0.452	0.500	-9.7	20.0
PCB-1254 Peak 4	Ave	0.0699	0.0665		0.475	0.500	-4.9	20.0
PCB-1254 Peak 5	Ave	0.0991	0.1010		0.510	0.500	2.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/38 Calibration Date: 07/25/2022 21:21
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12072538.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	6.68	6.66	6.70
PCB-1254 Peak 2	6.87	6.85	6.89
PCB-1254 Peak 3	7.30	7.28	7.31
PCB-1254 Peak 4	7.51	7.49	7.52
PCB-1254 Peak 5	7.98	7.96	8.00

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/39 Calibration Date: 07/25/2022 21:37
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072539.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0450	0.0443		0.491	0.500	-1.8	20.0
PCB-1262 Peak 2	Ave	0.0795	0.0761		0.479	0.500	-4.3	20.0
PCB-1262 Peak 3	Ave	0.0714	0.0693		0.485	0.500	-3.0	20.0
PCB-1262 Peak 4	Ave	0.1558	0.1441		0.462	0.500	-7.5	20.0
PCB-1262 Peak 5	Ave	0.0622	0.0572		0.460	0.500	-8.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/39 Calibration Date: 07/25/2022 21:37
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072539.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	6.63	6.61	6.65
PCB-1262 Peak 2	7.26	7.24	7.28
PCB-1262 Peak 3	7.48	7.46	7.49
PCB-1262 Peak 4	7.75	7.74	7.77
PCB-1262 Peak 5	8.03	8.02	8.05

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/39 Calibration Date: 07/25/2022 21:37
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072539.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0826	0.0755		0.457	0.500	-8.6	20.0
PCB-1262 Peak 2	Ave	0.1129	0.1046		0.463	0.500	-7.4	20.0
PCB-1262 Peak 3	Ave	0.1003	0.0936		0.467	0.500	-6.7	20.0
PCB-1262 Peak 4	Ave	0.2004	0.1862		0.465	0.500	-7.1	20.0
PCB-1262 Peak 5	Ave	0.1446	0.1250		0.432	0.500	-13.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/39 Calibration Date: 07/25/2022 21:37
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12072539.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	7.81	7.80	7.83
PCB-1262 Peak 2	8.07	8.05	8.08
PCB-1262 Peak 3	8.32	8.30	8.34
PCB-1262 Peak 4	8.53	8.51	8.55
PCB-1262 Peak 5	8.82	8.80	8.84

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/40 Calibration Date: 07/25/2022 21:53
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072540.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1268 Peak 1	Ave	0.1876	0.1833		0.488	0.500	-2.3	20.0
PCB-1268 Peak 2	Ave	0.1808	0.1756		0.486	0.500	-2.9	20.0
PCB-1268 Peak 3	Ave	0.1607	0.1541		0.480	0.500	-4.1	20.0
PCB-1268 Peak 4	Ave	0.0667	0.0608		0.456	0.500	-8.8	20.0
PCB-1268 Peak 5	Ave	0.5114	0.4845		0.474	0.500	-5.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/40 Calibration Date: 07/25/2022 21:53
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072540.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1268 Peak 1	8.03	8.01	8.05
PCB-1268 Peak 2	8.06	8.05	8.08
PCB-1268 Peak 3	8.23	8.21	8.25
PCB-1268 Peak 4	8.53	8.51	8.55
PCB-1268 Peak 5	8.76	8.74	8.78

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/40 Calibration Date: 07/25/2022 21:53
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072540.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1268 Peak 1	Ave	0.2479	0.2298		0.463	0.500	-7.3	20.0
PCB-1268 Peak 2	Ave	0.2395	0.2263		0.472	0.500	-5.5	20.0
PCB-1268 Peak 3	Ave	0.2126	0.2023		0.476	0.500	-4.9	20.0
PCB-1268 Peak 4	Ave	0.0865	0.0778		0.450	0.500	-10.1	20.0
PCB-1268 Peak 5	Ave	0.6101	0.5570		0.457	0.500	-8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/40 Calibration Date: 07/25/2022 21:53
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12072540.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1268 Peak 1	8.82	8.80	8.84
PCB-1268 Peak 2	8.86	8.84	8.88
PCB-1268 Peak 3	9.05	9.03	9.07
PCB-1268 Peak 4	9.28	9.26	9.29
PCB-1268 Peak 5	9.52	9.50	9.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/41 Calibration Date: 07/25/2022 22:09
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12072541.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0291	0.0293		0.503	0.500	0.7	20.0
PCB-1016 Peak 2	Ave	0.0456	0.0491		0.538	0.500	7.7	20.0
PCB-1016 Peak 3	Ave	0.0847	0.0956		0.564	0.500	12.9	20.0
PCB-1016 Peak 4	Ave	0.0416	0.0461		0.554	0.500	10.9	20.0
PCB-1016 Peak 5	Ave	0.0200	0.0218		0.546	0.500	9.2	20.0
PCB-1260 Peak 1	Ave	0.0532	0.0612		0.575	0.500	15.0	20.0
PCB-1260 Peak 2	Ave	0.0944	0.1089		0.577	0.500	15.3	20.0
PCB-1260 Peak 3	Ave	0.0869	0.0992		0.570	0.500	14.0	20.0
PCB-1260 Peak 4	Ave	0.1284	0.1454		0.566	0.500	13.3	20.0
PCB-1260 Peak 5	Ave	0.0611	0.0701		0.573	0.500	14.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/41 Calibration Date: 07/25/2022 22:09
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12072541.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.41	3.39	3.43
PCB-1016 Peak 2	4.01	4.00	4.03
PCB-1016 Peak 3	4.68	4.66	4.70
PCB-1016 Peak 4	4.86	4.84	4.87
PCB-1016 Peak 5	5.17	5.15	5.19
PCB-1260 Peak 1	6.63	6.61	6.65
PCB-1260 Peak 2	6.90	6.88	6.92
PCB-1260 Peak 3	7.15	7.13	7.17
PCB-1260 Peak 4	7.75	7.74	7.78
PCB-1260 Peak 5	7.99	7.98	8.02

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/41 Calibration Date: 07/25/2022 22:09
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12072541.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0377	0.0391		0.519	0.500	3.8	20.0
PCB-1016 Peak 2	Ave	0.0641	0.0679		0.529	0.500	5.9	20.0
PCB-1016 Peak 3	Ave	0.1134	0.1271		0.560	0.500	12.1	20.0
PCB-1016 Peak 4	Ave	0.0558	0.0612		0.548	0.500	9.7	20.0
PCB-1016 Peak 5	Ave	0.0300	0.0322		0.536	0.500	7.2	20.0
PCB-1260 Peak 1	Ave	0.0813	0.0926		0.569	0.500	13.9	20.0
PCB-1260 Peak 2	Ave	0.0863	0.0967		0.560	0.500	12.0	20.0
PCB-1260 Peak 3	Ave	0.1258	0.1355		0.539	0.500	7.7	20.0
PCB-1260 Peak 4	Ave	0.1691	0.1940		0.574	0.500	14.7	20.0
PCB-1260 Peak 5	Ave	0.1211	0.1134		0.468	0.500	-6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-536024/41 Calibration Date: 07/25/2022 22:09
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12072541.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.46	4.45	4.48
PCB-1016 Peak 2	5.04	5.02	5.06
PCB-1016 Peak 3	5.60	5.58	5.62
PCB-1016 Peak 4	5.75	5.73	5.77
PCB-1016 Peak 5	6.03	6.01	6.05
PCB-1260 Peak 1	7.47	7.46	7.50
PCB-1260 Peak 2	7.67	7.65	7.69
PCB-1260 Peak 3	7.98	7.96	8.00
PCB-1260 Peak 4	8.53	8.51	8.55
PCB-1260 Peak 5	8.82	8.80	8.84

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/3 Calibration Date: 08/02/2022 10:03
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12080103.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1260 Peak 5	Ave	0.0611	0.0705		0.00004 6	0.500	15.4	20.0
PCB-1016 Peak 1	Ave	0.0291	0.0291		0.500	0.500	-0.0	20.0
PCB-1016 Peak 2	Ave	0.0456	0.0475		0.520	0.500	4.1	20.0
PCB-1016 Peak 3	Ave	0.0847	0.1036		0.612	0.500	22.3*	20.0
PCB-1016 Peak 4	Ave	0.0416	0.0472		0.567	0.500	13.4	20.0
PCB-1016 Peak 5	Ave	0.0200	0.0204		0.511	0.500	2.2	20.0
PCB-1260 Peak 1	Ave	0.0532	0.0638		0.600	0.500	20.0	20.0
PCB-1260 Peak 2	Ave	0.0944	0.1158		0.613	0.500	22.6*	20.0
PCB-1260 Peak 3	Ave	0.0869	0.1077		0.620	0.500	23.9*	20.0
PCB-1260 Peak 4	Ave	0.1284	0.1537		0.599	0.500	19.7	20.0
Tetrachloro-m-xylene	Lin1		1.609		0.0290	0.0250	16.1	20.0
DCB Decachlorobiphenyl	Lin1		1.339		0.0285	0.0250	14.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/3 Calibration Date: 08/02/2022 10:03
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 18:42
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 20:02
 Lab File ID: P12080103.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1260 Peak 5	0.00	7.98	8.01
PCB-1016 Peak 1	3.41	3.39	3.43
PCB-1016 Peak 2	4.02	4.00	4.04
PCB-1016 Peak 3	4.68	4.66	4.70
PCB-1016 Peak 4	4.86	4.84	4.88
PCB-1016 Peak 5	5.17	5.15	5.19
PCB-1260 Peak 1	6.63	6.61	6.65
PCB-1260 Peak 2	6.90	6.88	6.92
PCB-1260 Peak 3	7.15	7.13	7.17
PCB-1260 Peak 4	7.75	7.73	7.77
Tetrachloro-m-xylene	2.81	2.79	2.83
DCB Decachlorobiphenyl	8.90	8.88	8.92

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/4 Calibration Date: 08/02/2022 10:19
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12080104.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0323	0.0329		0.508	0.500	1.6	20.0
PCB-1232 Peak 2	Ave	0.0239	0.0240		0.502	0.500	0.5	20.0
PCB-1232 Peak 3	Ave	0.0429	0.0493		0.575	0.500	15.0	20.0
PCB-1232 Peak 4	Ave	0.0238	0.0250		0.527	0.500	5.4	20.0
PCB-1232 Peak 5	Ave	0.0114	0.0114		0.499	0.500	-0.2	20.0
PCB-1262 Peak 1	Ave	0.0450	0.0528		0.586	0.500	17.1	20.0
PCB-1262 Peak 2	Ave	0.0795	0.0934		0.587	0.500	17.4	20.0
PCB-1262 Peak 3	Ave	0.0714	0.0851		0.596	0.500	19.2	20.0
PCB-1262 Peak 4	Ave	0.1558	0.1741		0.559	0.500	11.8	20.0
PCB-1262 Peak 5	Ave	0.0622	0.0689		0.554	0.500	10.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/4 Calibration Date: 08/02/2022 10:19
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 12:22
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 13:41
 Lab File ID: P12080104.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	3.41	3.39	3.43
PCB-1232 Peak 2	4.02	4.00	4.04
PCB-1232 Peak 3	4.68	4.66	4.70
PCB-1232 Peak 4	4.86	4.84	4.87
PCB-1232 Peak 5	5.17	5.15	5.19
PCB-1262 Peak 1	6.63	6.61	6.65
PCB-1262 Peak 2	7.26	7.24	7.28
PCB-1262 Peak 3	7.48	7.46	7.49
PCB-1262 Peak 4	7.75	7.73	7.77
PCB-1262 Peak 5	8.03	8.01	8.05

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/5 Calibration Date: 08/02/2022 10:35
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12080105.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0264	0.0217		0.411	0.500	-17.9	20.0
PCB-1242 Peak 2	Ave	0.0391	0.0367		0.470	0.500	-6.1	20.0
PCB-1242 Peak 3	Ave	0.0741	0.0818		0.552	0.500	10.3	20.0
PCB-1242 Peak 4	Ave	0.0373	0.0369		0.494	0.500	-1.1	20.0
PCB-1242 Peak 5	Ave	0.0142	0.0141		0.496	0.500	-0.8	20.0
PCB-1268 Peak 1	Ave	0.1876	0.2268		0.604	0.500	20.9*	20.0
PCB-1268 Peak 2	Ave	0.1808	0.2198		0.608	0.500	21.6*	20.0
PCB-1268 Peak 3	Ave	0.1607	0.1887		0.587	0.500	17.4	20.0
PCB-1268 Peak 4	Ave	0.0667	0.0757		0.568	0.500	13.6	20.0
PCB-1268 Peak 5	Ave	0.5114	0.6094		0.596	0.500	19.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/5 Calibration Date: 08/02/2022 10:35
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 13:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 15:17
 Lab File ID: P12080105.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.41	3.39	3.43
PCB-1242 Peak 2	4.01	3.99	4.03
PCB-1242 Peak 3	4.68	4.66	4.70
PCB-1242 Peak 4	4.85	4.84	4.87
PCB-1242 Peak 5	5.16	5.15	5.18
PCB-1268 Peak 1	8.03	8.01	8.05
PCB-1268 Peak 2	8.06	8.04	8.08
PCB-1268 Peak 3	8.23	8.21	8.25
PCB-1268 Peak 4	8.53	8.51	8.55
PCB-1268 Peak 5	8.75	8.74	8.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/6 Calibration Date: 08/02/2022 10:51
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12080106.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0225	0.0222		0.492	0.500	-1.6	20.0
PCB-1248 Peak 2	Ave	0.0469	0.0536		0.572	0.500	14.4	20.0
PCB-1248 Peak 3	Ave	0.0525	0.0533		0.508	0.500	1.5	20.0
PCB-1248 Peak 4	Ave	0.0376	0.0398		0.530	0.500	6.0	20.0
PCB-1248 Peak 5	Ave	0.0241	0.0262		0.543	0.500	8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/6 Calibration Date: 08/02/2022 10:51
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 15:32
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 16:52
 Lab File ID: P12080106.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	4.01	4.00	4.03
PCB-1248 Peak 2	4.67	4.65	4.69
PCB-1248 Peak 3	5.36	5.34	5.38
PCB-1248 Peak 4	6.06	6.04	6.07
PCB-1248 Peak 5	6.45	6.43	6.47

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/7 Calibration Date: 08/02/2022 11:07
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12080107.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0143	0.0142		0.496	0.500	-0.8	20.0
PCB-1221 Peak 2	Lin1		0.0099		0.551	0.500	10.2	20.0
PCB-1221 Peak 3	Ave	0.0367	0.0343		0.467	0.500	-6.6	20.0
PCB-1254 Peak 1	Ave	0.0532	0.0561		0.528	0.500	5.6	20.0
PCB-1254 Peak 2	Ave	0.0719	0.0787		0.547	0.500	9.5	20.0
PCB-1254 Peak 3	Ave	0.0522	0.0572		0.548	0.500	9.5	20.0
PCB-1254 Peak 4	Ave	0.0479	0.0514		0.536	0.500	7.1	20.0
PCB-1254 Peak 5	Ave	0.0716	0.0782		0.546	0.500	9.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-537164/7 Calibration Date: 08/02/2022 11:07
 Instrument ID: A2HP12 Calib Start Date: 07/25/2022 17:07
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/25/2022 18:27
 Lab File ID: P12080107.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	3.11	3.09	3.13
PCB-1221 Peak 2	3.34	3.32	3.36
PCB-1221 Peak 3	3.41	3.39	3.43
PCB-1254 Peak 1	6.06	6.04	6.08
PCB-1254 Peak 2	6.45	6.43	6.47
PCB-1254 Peak 3	6.72	6.70	6.74
PCB-1254 Peak 4	6.89	6.88	6.91
PCB-1254 Peak 5	7.15	7.13	7.17

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/34 Calibration Date: 06/06/2022 23:37
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060634.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0124	0.0119		0.480	0.500	-4.0	
PCB-1221 Peak 2	Ave	0.0083	0.0073		0.439	0.500	-12.2	
PCB-1221 Peak 3	Ave	0.0302	0.0274		0.454	0.500	-9.3	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/34 Calibration Date: 06/06/2022 23:37
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060634.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	3.36	3.33	3.39
PCB-1221 Peak 2	3.59	3.56	3.62
PCB-1221 Peak 3	3.66	3.63	3.69

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/34 Calibration Date: 06/06/2022 23:37
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060634.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0137	0.0114		0.416	0.500	-16.7	
PCB-1221 Peak 2	Ave	0.0096	0.0087		0.455	0.500	-9.0	
PCB-1221 Peak 3	Ave	0.0325	0.0294		0.452	0.500	-9.7	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/34 Calibration Date: 06/06/2022 23:37
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060634.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.59	4.56	4.62
PCB-1221 Peak 2	4.83	4.80	4.86
PCB-1221 Peak 3	4.92	4.89	4.95

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/35 Calibration Date: 06/06/2022 23:54
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060635.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0227	0.0214		0.470	0.500	-5.9	
PCB-1232 Peak 2	Ave	0.0169	0.0169		0.502	0.500	0.3	
PCB-1232 Peak 3	Ave	0.0357	0.0386		0.540	0.500	7.9	
PCB-1232 Peak 4	Ave	0.0167	0.0171		0.511	0.500	2.2	
PCB-1232 Peak 5	Ave	0.0101	0.0110		0.544	0.500	8.8	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/35 Calibration Date: 06/06/2022 23:54
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060635.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	3.66	3.63	3.69
PCB-1232 Peak 2	4.29	4.26	4.32
PCB-1232 Peak 3	5.00	4.97	5.03
PCB-1232 Peak 4	5.19	5.16	5.22
PCB-1232 Peak 5	5.27	5.24	5.30

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/35 Calibration Date: 06/06/2022 23:54
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060635.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0245	0.0226		0.460	0.500	-8.1	
PCB-1232 Peak 2	Ave	0.0204	0.0200		0.490	0.500	-2.1	
PCB-1232 Peak 3	Ave	0.0388	0.0410		0.529	0.500	5.7	
PCB-1232 Peak 4	Ave	0.0179	0.0179		0.498	0.500	-0.4	
PCB-1232 Peak 5	Ave	0.0090	0.0096		0.529	0.500	5.8	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/35 Calibration Date: 06/06/2022 23:54
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060635.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.92	4.89	4.95
PCB-1232 Peak 2	5.52	5.49	5.55
PCB-1232 Peak 3	6.08	6.05	6.11
PCB-1232 Peak 4	6.24	6.21	6.27
PCB-1232 Peak 5	6.52	6.49	6.55

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/36 Calibration Date: 06/07/2022 00:11
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060636.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0165	0.0162		0.491	0.500	-1.8	
PCB-1242 Peak 2	Ave	0.0288	0.0297		0.514	0.500	2.9	
PCB-1242 Peak 3	Ave	0.0624	0.0680		0.545	0.500	8.9	
PCB-1242 Peak 4	Ave	0.0282	0.0304		0.540	0.500	7.9	
PCB-1242 Peak 5	Ave	0.0109	0.0118		0.542	0.500	8.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/36 Calibration Date: 06/07/2022 00:11
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060636.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.66	3.63	3.69
PCB-1242 Peak 2	4.29	4.26	4.32
PCB-1242 Peak 3	5.00	4.97	5.03
PCB-1242 Peak 4	5.19	5.16	5.22
PCB-1242 Peak 5	5.51	5.48	5.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/36 Calibration Date: 06/07/2022 00:11
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060636.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0179	0.0179		0.501	0.500	0.2	
PCB-1242 Peak 2	Ave	0.0325	0.0326		0.502	0.500	0.4	
PCB-1242 Peak 3	Ave	0.0673	0.0706		0.525	0.500	5.0	
PCB-1242 Peak 4	Ave	0.0300	0.0300		0.500	0.500	0.0	
PCB-1242 Peak 5	Ave	0.0172	0.0176		0.511	0.500	2.2	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/36 Calibration Date: 06/07/2022 00:11
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060636.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.92	4.89	4.95
PCB-1242 Peak 2	5.52	5.49	5.55
PCB-1242 Peak 3	6.08	6.05	6.11
PCB-1242 Peak 4	6.24	6.21	6.27
PCB-1242 Peak 5	6.52	6.49	6.55

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/37 Calibration Date: 06/07/2022 00:28
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19060637.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0156	0.0159		0.508	0.500	1.5	
PCB-1248 Peak 2	Ave	0.0419	0.0435		0.519	0.500	3.9	
PCB-1248 Peak 3	Ave	0.0451	0.0477		0.528	0.500	5.6	
PCB-1248 Peak 4	Ave	0.0343	0.0380		0.553	0.500	10.6	
PCB-1248 Peak 5	Ave	0.0232	0.0258		0.558	0.500	11.6	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/37 Calibration Date: 06/07/2022 00:28
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19060637.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	4.29	4.26	4.32
PCB-1248 Peak 2	5.00	4.97	5.03
PCB-1248 Peak 3	5.71	5.68	5.74
PCB-1248 Peak 4	6.43	6.40	6.46
PCB-1248 Peak 5	6.83	6.80	6.86

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/37 Calibration Date: 06/07/2022 00:28
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19060637.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0181	0.0175		0.484	0.500	-3.2	
PCB-1248 Peak 2	Ave	0.0453	0.0468		0.516	0.500	3.3	
PCB-1248 Peak 3	Ave	0.0389	0.0393		0.505	0.500	1.1	
PCB-1248 Peak 4	Ave	0.0463	0.0514		0.555	0.500	11.0	
PCB-1248 Peak 5	Ave	0.0273	0.0299		0.546	0.500	9.3	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/37 Calibration Date: 06/07/2022 00:28
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19060637.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.52	5.49	5.55
PCB-1248 Peak 2	6.08	6.05	6.11
PCB-1248 Peak 3	6.76	6.73	6.79
PCB-1248 Peak 4	7.19	7.16	7.22
PCB-1248 Peak 5	7.81	7.78	7.84

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/38 Calibration Date: 06/07/2022 00:45
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060638.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0383	0.0362		0.473	0.500	-5.4	
PCB-1254 Peak 2	Ave	0.0544	0.0515		0.474	0.500	-5.2	
PCB-1254 Peak 3	Ave	0.0770	0.0734		0.477	0.500	-4.6	
PCB-1254 Peak 4	Ave	0.0583	0.0577		0.496	0.500	-0.9	
PCB-1254 Peak 5	Ave	0.0810	0.0846		0.522	0.500	4.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/38 Calibration Date: 06/07/2022 00:45
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060638.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	6.15	6.12	6.18
PCB-1254 Peak 2	6.44	6.41	6.47
PCB-1254 Peak 3	6.83	6.80	6.86
PCB-1254 Peak 4	7.10	7.07	7.13
PCB-1254 Peak 5	7.54	7.51	7.57

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/38 Calibration Date: 06/07/2022 00:45
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060638.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0476	0.0425		0.447	0.500	-10.6	
PCB-1254 Peak 2	Ave	0.0571	0.0531		0.464	0.500	-7.1	
PCB-1254 Peak 3	Ave	0.0896	0.0845		0.472	0.500	-5.7	
PCB-1254 Peak 4	Ave	0.0636	0.0619		0.487	0.500	-2.6	
PCB-1254 Peak 5	Ave	0.0879	0.0900		0.512	0.500	2.4	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/38 Calibration Date: 06/07/2022 00:45
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19060638.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	7.19	7.16	7.22
PCB-1254 Peak 2	7.38	7.35	7.41
PCB-1254 Peak 3	7.81	7.78	7.84
PCB-1254 Peak 4	8.02	7.99	8.05
PCB-1254 Peak 5	8.50	8.48	8.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/39 Calibration Date: 06/07/2022 01:01
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19060639.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0186	0.0163		0.438	0.500	-12.3	
PCB-1016 Peak 2	Ave	0.0332	0.0293		0.441	0.500	-11.9	
PCB-1016 Peak 3	Ave	0.0716	0.0665		0.464	0.500	-7.1	
PCB-1016 Peak 4	Ave	0.0322	0.0297		0.463	0.500	-7.5	
PCB-1016 Peak 5	Ave	0.0199	0.0187		0.470	0.500	-5.9	
PCB-1260 Peak 1	Ave	0.0494	0.0446		0.451	0.500	-9.7	
PCB-1260 Peak 2	Ave	0.0908	0.0834		0.459	0.500	-8.2	
PCB-1260 Peak 3	Ave	0.0879	0.0804		0.457	0.500	-8.6	
PCB-1260 Peak 4	Ave	0.1346	0.1323		0.491	0.500	-1.7	
PCB-1260 Peak 5	Ave	0.0629	0.0608		0.483	0.500	-3.4	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/39 Calibration Date: 06/07/2022 01:01
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19060639.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.66	3.63	3.69
PCB-1016 Peak 2	4.29	4.26	4.32
PCB-1016 Peak 3	5.00	4.97	5.03
PCB-1016 Peak 4	5.19	5.16	5.22
PCB-1016 Peak 5	5.26	5.24	5.30
PCB-1260 Peak 1	7.01	6.98	7.04
PCB-1260 Peak 2	7.28	7.25	7.31
PCB-1260 Peak 3	7.54	7.51	7.57
PCB-1260 Peak 4	8.15	8.12	8.18
PCB-1260 Peak 5	8.39	8.36	8.42

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/39 Calibration Date: 06/07/2022 01:01
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19060639.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0197	0.0175		0.443	0.500	-11.4	
PCB-1016 Peak 2	Ave	0.0367	0.0328		0.446	0.500	-10.7	
PCB-1016 Peak 3	Ave	0.0767	0.0707		0.461	0.500	-7.8	
PCB-1016 Peak 4	Ave	0.0335	0.0303		0.452	0.500	-9.6	
PCB-1016 Peak 5	Ave	0.0190	0.0164		0.430	0.500	-13.9	
PCB-1260 Peak 1	Ave	0.0579	0.0512		0.442	0.500	-11.6	
PCB-1260 Peak 2	Ave	0.0670	0.0615		0.459	0.500	-8.2	
PCB-1260 Peak 3	Ave	0.0968	0.0879		0.454	0.500	-9.2	
PCB-1260 Peak 4	Ave	0.1374	0.1355		0.493	0.500	-1.4	
PCB-1260 Peak 5	Ave	0.0996	0.0954		0.479	0.500	-4.2	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/39 Calibration Date: 06/07/2022 01:01
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19060639.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.92	4.89	4.95
PCB-1016 Peak 2	5.52	5.49	5.55
PCB-1016 Peak 3	6.08	6.05	6.11
PCB-1016 Peak 4	6.24	6.21	6.27
PCB-1016 Peak 5	6.52	6.49	6.55
PCB-1260 Peak 1	7.99	7.96	8.02
PCB-1260 Peak 2	8.19	8.16	8.22
PCB-1260 Peak 3	8.50	8.47	8.53
PCB-1260 Peak 4	9.06	9.03	9.09
PCB-1260 Peak 5	9.35	9.32	9.38

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/40 Calibration Date: 06/07/2022 01:18
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060640.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0417	0.0449		0.538	0.500	7.6	
PCB-1262 Peak 2	Ave	0.0795	0.0888		0.559	0.500	11.7	
PCB-1262 Peak 3	Ave	0.0773	0.0887		0.574	0.500	14.7	
PCB-1262 Peak 4	Ave	0.1617	0.1894		0.585	0.500	17.1	
PCB-1262 Peak 5	Ave	0.0658	0.0751		0.571	0.500	14.1	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/40 Calibration Date: 06/07/2022 01:18
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060640.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	7.02	6.99	7.05
PCB-1262 Peak 2	7.29	7.26	7.32
PCB-1262 Peak 3	7.65	7.62	7.68
PCB-1262 Peak 4	8.15	8.12	8.18
PCB-1262 Peak 5	8.43	8.40	8.46

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/40 Calibration Date: 06/07/2022 01:18
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060640.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0517	0.0519		0.502	0.500	0.3	
PCB-1262 Peak 2	Ave	0.0547	0.0597		0.545	0.500	9.1	
PCB-1262 Peak 3	Ave	0.0838	0.0938		0.560	0.500	12.0	
PCB-1262 Peak 4	Ave	0.1619	0.1855		0.573	0.500	14.6	
PCB-1262 Peak 5	Ave	0.1211	0.1374		0.567	0.500	13.4	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/40 Calibration Date: 06/07/2022 01:18
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19060640.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	7.99	7.96	8.02
PCB-1262 Peak 2	8.19	8.16	8.22
PCB-1262 Peak 3	8.59	8.56	8.62
PCB-1262 Peak 4	9.06	9.03	9.09
PCB-1262 Peak 5	9.35	9.32	9.38

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/41 Calibration Date: 06/07/2022 01:35
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060641.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1268 Peak 1	Ave	0.1900	0.2029		0.534	0.500	6.8	
PCB-1268 Peak 2	Ave	0.1777	0.1966		0.553	0.500	10.6	
PCB-1268 Peak 3	Ave	0.1575	0.1727		0.548	0.500	9.6	
PCB-1268 Peak 4	Ave	0.0669	0.0743		0.556	0.500	11.1	
PCB-1268 Peak 5	Ave	0.4874	0.5397		0.554	0.500	10.7	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/41 Calibration Date: 06/07/2022 01:35
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060641.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1268 Peak 1	8.43	8.40	8.46
PCB-1268 Peak 2	8.46	8.44	8.50
PCB-1268 Peak 3	8.63	8.60	8.66
PCB-1268 Peak 4	8.93	8.90	8.96
PCB-1268 Peak 5	9.17	9.14	9.20

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/41 Calibration Date: 06/07/2022 01:35
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060641.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1268 Peak 1	Ave	0.1973	0.2142		0.543	0.500	8.6	
PCB-1268 Peak 2	Ave	0.1882	0.2065		0.549	0.500	9.7	
PCB-1268 Peak 3	Ave	0.1647	0.1800		0.546	0.500	9.3	
PCB-1268 Peak 4	Ave	0.0694	0.0769		0.554	0.500	10.7	
PCB-1268 Peak 5	Ave	0.5016	0.5658		0.564	0.500	12.8	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 240-529358/41 Calibration Date: 06/07/2022 01:35
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19060641.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1268 Peak 1	9.35	9.32	9.38
PCB-1268 Peak 2	9.38	9.36	9.42
PCB-1268 Peak 3	9.58	9.56	9.62
PCB-1268 Peak 4	9.81	9.78	9.84
PCB-1268 Peak 5	10.06	10.03	10.09

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/3 Calibration Date: 07/29/2022 07:15
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19072903.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0197	0.0187		0.473	0.500	-5.4	
PCB-1016 Peak 2	Ave	0.0367	0.0353		0.481	0.500	-3.7	
PCB-1016 Peak 3	Ave	0.0767	0.0817		0.533	0.500	6.5	
PCB-1016 Peak 4	Ave	0.0335	0.0346		0.516	0.500	3.3	
PCB-1016 Peak 5	Ave	0.0190	0.0190		0.498	0.500	-0.4	
PCB-1260 Peak 1	Ave	0.0579	0.0577		0.498	0.500	-0.4	
PCB-1260 Peak 2	Ave	0.0670	0.0712		0.532	0.500	6.4	
PCB-1260 Peak 3	Ave	0.0968	0.1025		0.529	0.500	5.9	
PCB-1260 Peak 4	Ave	0.1374	0.1529		0.556	0.500	11.3	
PCB-1260 Peak 5	Ave	0.0996	0.1081		0.543	0.500	8.5	
Tetrachloro-m-xylene	Lin1		1.032		0.0237	0.0250	-5.0	
DCB Decachlorobiphenyl	Lin1		1.186		0.0228	0.0250	-8.9	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/3 Calibration Date: 07/29/2022 07:15
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 21:56
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 23:20
 Lab File ID: P19072903.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.77	4.74	4.80
PCB-1016 Peak 2	5.38	5.35	5.41
PCB-1016 Peak 3	5.95	5.92	5.98
PCB-1016 Peak 4	6.11	6.08	6.14
PCB-1016 Peak 5	6.39	6.36	6.42
PCB-1260 Peak 1	7.87	7.84	7.90
PCB-1260 Peak 2	8.07	8.04	8.10
PCB-1260 Peak 3	8.38	8.35	8.41
PCB-1260 Peak 4	8.94	8.91	8.97
PCB-1260 Peak 5	9.24	9.21	9.27
Tetrachloro-m-xylene	3.80	3.77	3.83
DCB Decachlorobiphenyl	10.14	10.11	10.17

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/4 Calibration Date: 07/29/2022 07:32
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19072904.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0245	0.0222		0.452	0.500	-9.5	
PCB-1232 Peak 2	Ave	0.0204	0.0183		0.449	0.500	-10.2	
PCB-1232 Peak 3	Ave	0.0388	0.0375		0.484	0.500	-3.2	
PCB-1232 Peak 4	Ave	0.0179	0.0165		0.459	0.500	-8.3	
PCB-1232 Peak 5	Ave	0.0090	0.0085		0.469	0.500	-6.2	
PCB-1262 Peak 1	Ave	0.0517	0.0497		0.480	0.500	-3.9	
PCB-1262 Peak 2	Ave	0.0547	0.0566		0.517	0.500	3.4	
PCB-1262 Peak 3	Ave	0.0838	0.0890		0.531	0.500	6.2	
PCB-1262 Peak 4	Ave	0.1619	0.1800		0.556	0.500	11.2	
PCB-1262 Peak 5	Ave	0.1211	0.1317		0.544	0.500	8.7	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/4 Calibration Date: 07/29/2022 07:32
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 15:12
 GC Column: CLP-2 (0.53mm) ID: 0.53(mm) Calib End Date: 06/06/2022 16:37
 Lab File ID: P19072904.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.77	4.74	4.80
PCB-1232 Peak 2	5.38	5.35	5.41
PCB-1232 Peak 3	5.95	5.92	5.98
PCB-1232 Peak 4	6.11	6.08	6.14
PCB-1232 Peak 5	6.40	6.37	6.43
PCB-1262 Peak 1	7.87	7.84	7.90
PCB-1262 Peak 2	8.07	8.04	8.10
PCB-1262 Peak 3	8.47	8.44	8.50
PCB-1262 Peak 4	8.94	8.91	8.97
PCB-1262 Peak 5	9.24	9.21	9.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/5 Calibration Date: 07/29/2022 07:49
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19072905.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0179	0.0154		0.432	0.500	-13.7	
PCB-1242 Peak 2	Ave	0.0325	0.0287		0.441	0.500	-11.7	
PCB-1242 Peak 3	Ave	0.0673	0.0651		0.484	0.500	-3.2	
PCB-1242 Peak 4	Ave	0.0300	0.0279		0.466	0.500	-6.9	
PCB-1242 Peak 5	Ave	0.0172	0.0157		0.456	0.500	-8.9	
PCB-1268 Peak 1	Ave	0.1973	0.2161		0.548	0.500	9.5	
PCB-1268 Peak 2	Ave	0.1882	0.2027		0.539	0.500	7.7	
PCB-1268 Peak 3	Ave	0.1647	0.1764		0.535	0.500	7.1	
PCB-1268 Peak 4	Ave	0.0694	0.0725		0.522	0.500	4.5	
PCB-1268 Peak 5	Ave	0.5016	0.5271		0.525	0.500	5.1	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/5 Calibration Date: 07/29/2022 07:49
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 16:53
 GC Column: CLP-2 (0.53mm) ID: 0.53(mm) Calib End Date: 06/06/2022 18:18
 Lab File ID: P19072905.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.77	4.74	4.80
PCB-1242 Peak 2	5.38	5.35	5.41
PCB-1242 Peak 3	5.95	5.92	5.98
PCB-1242 Peak 4	6.11	6.08	6.14
PCB-1242 Peak 5	6.40	6.37	6.43
PCB-1268 Peak 1	9.24	9.21	9.27
PCB-1268 Peak 2	9.27	9.24	9.30
PCB-1268 Peak 3	9.47	9.44	9.50
PCB-1268 Peak 4	9.70	9.67	9.73
PCB-1268 Peak 5	9.95	9.92	9.98

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/6 Calibration Date: 07/29/2022 08:05
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19072906.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0181	0.0156		0.430	0.500	-13.9	
PCB-1248 Peak 2	Ave	0.0453	0.0423		0.467	0.500	-6.6	
PCB-1248 Peak 3	Ave	0.0389	0.0345		0.443	0.500	-11.3	
PCB-1248 Peak 4	Ave	0.0463	0.0450		0.486	0.500	-2.9	
PCB-1248 Peak 5	Ave	0.0273	0.0260		0.476	0.500	-4.8	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/6 Calibration Date: 07/29/2022 08:05
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 18:34
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 19:59
 Lab File ID: P19072906.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.38	5.35	5.41
PCB-1248 Peak 2	5.95	5.92	5.98
PCB-1248 Peak 3	6.63	6.60	6.66
PCB-1248 Peak 4	7.07	7.04	7.10
PCB-1248 Peak 5	7.69	7.66	7.72

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/7 Calibration Date: 07/29/2022 08:22
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19072907.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0137	0.0117		0.429	0.500	-14.1	
PCB-1221 Peak 2	Ave	0.0096	0.0079		0.414	0.500	-17.1	
PCB-1221 Peak 3	Ave	0.0325	0.0273		0.419	0.500	-16.2	
PCB-1254 Peak 1	Ave	0.0476	0.0407		0.428	0.500	-14.4	
PCB-1254 Peak 2	Ave	0.0571	0.0497		0.435	0.500	-13.1	
PCB-1254 Peak 3	Ave	0.0896	0.0806		0.450	0.500	-10.0	
PCB-1254 Peak 4	Ave	0.0636	0.0607		0.477	0.500	-4.5	
PCB-1254 Peak 5	Ave	0.0879	0.0816		0.464	0.500	-7.2	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 240-536712/7 Calibration Date: 07/29/2022 08:22
 Instrument ID: A2HP19 Calib Start Date: 06/06/2022 20:15
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 06/06/2022 21:39
 Lab File ID: P19072907.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.43	4.40	4.46
PCB-1221 Peak 2	4.67	4.64	4.70
PCB-1221 Peak 3	4.77	4.74	4.80
PCB-1254 Peak 1	7.06	7.03	7.09
PCB-1254 Peak 2	7.26	7.23	7.29
PCB-1254 Peak 3	7.69	7.66	7.72
PCB-1254 Peak 4	7.90	7.87	7.93
PCB-1254 Peak 5	8.39	8.36	8.42

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-536374/21-A
 Matrix: Water Lab File ID: P19072909.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 07/27/2022 09:17
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/29/2022 08:56
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 536712 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	0.056	U	0.10	0.056
11104-28-2	Aroclor-1221	0.057	U	0.10	0.057
11141-16-5	Aroclor-1232	0.074	U	0.10	0.074
53469-21-9	Aroclor-1242	0.076	U	0.10	0.076
12672-29-6	Aroclor-1248	0.050	U	0.10	0.050
11097-69-1	Aroclor-1254	0.040	U	0.10	0.040
11096-82-5	Aroclor-1260	0.046	U	0.10	0.046
37324-23-5	Aroclor-1262	0.058	U	0.10	0.058
11100-14-4	Aroclor-1268	0.062	U	0.10	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		10-149
2051-24-3	DCB Decachlorobiphenyl	15		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-536979/4-A
 Matrix: Solid Lab File ID: P12080109.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3550B Date Extracted: 08/01/2022 10:18
 Sample wt/vol: 10(g) Date Analyzed: 08/02/2022 11:38
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 (0.53mm) ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 537164 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	22	U	50	22
11104-28-2	Aroclor-1221	24	U	50	24
11141-16-5	Aroclor-1232	23	U	50	23
53469-21-9	Aroclor-1242	19	U	50	19
12672-29-6	Aroclor-1248	24	U	50	24
11097-69-1	Aroclor-1254	23	U	50	23
11096-82-5	Aroclor-1260	22	U	50	22
37324-23-5	Aroclor-1262	31	U	50	31
11100-14-4	Aroclor-1268	23	U	50	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	46		10-149
2051-24-3	DCB Decachlorobiphenyl	62		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536374/22-A
 Matrix: Water Lab File ID: P19072910.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 07/27/2022 09:17
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/29/2022 09:13
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 536712 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	2.00		0.10	0.056
11096-82-5	Aroclor-1260	1.81		0.10	0.046

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		10-149
2051-24-3	DCB Decachlorobiphenyl	22		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-536979/5-A
 Matrix: Solid Lab File ID: P12080110.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3550B Date Extracted: 08/01/2022 10:18
 Sample wt/vol: 10(g) Date Analyzed: 08/02/2022 11:54
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 (0.53mm) ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 537164 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	751		50	22
11096-82-5	Aroclor-1260	933		50	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		10-149
2051-24-3	DCB Decachlorobiphenyl	106		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MS Lab Sample ID: 240-170019-3 MS
 Matrix: Solid Lab File ID: P12080112.D
 Analysis Method: 8082A Date Collected: 07/18/2022 11:00
 Extraction Method: 3550B Date Extracted: 08/01/2022 10:18
 Sample wt/vol: 9.96(g) Date Analyzed: 08/02/2022 12:26
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 (0.53mm) ID: 0.53(mm)
 % Moisture: 15.1 % Solids: 84.9 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 537164 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	441		59	26
11104-28-2	Aroclor-1221	28	U	59	28
11141-16-5	Aroclor-1232	27	U	59	27
53469-21-9	Aroclor-1242	22	U	59	22
12672-29-6	Aroclor-1248	28	U	59	28
11097-69-1	Aroclor-1254	27	U	59	27
11096-82-5	Aroclor-1260	576		59	26
37324-23-5	Aroclor-1262	37	U	59	37
11100-14-4	Aroclor-1268	27	U	59	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	47		10-149
2051-24-3	DCB Decachlorobiphenyl	55		10-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Client Sample ID: WC-GSP-S-071822 MSD Lab Sample ID: 240-170019-3 MSD
 Matrix: Solid Lab File ID: P12080113.D
 Analysis Method: 8082A Date Collected: 07/18/2022 11:00
 Extraction Method: 3550B Date Extracted: 08/01/2022 10:18
 Sample wt/vol: 10.14(g) Date Analyzed: 08/02/2022 12:41
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 (0.53mm) ID: 0.53(mm)
 % Moisture: 15.1 % Solids: 84.9 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 537164 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	498		58	26
11104-28-2	Aroclor-1221	28	U	58	28
11141-16-5	Aroclor-1232	27	U	58	27
53469-21-9	Aroclor-1242	22	U	58	22
12672-29-6	Aroclor-1248	28	U	58	28
11097-69-1	Aroclor-1254	27	U	58	27
11096-82-5	Aroclor-1260	708		58	26
37324-23-5	Aroclor-1262	36	U	58	36
11100-14-4	Aroclor-1268	27	U	58	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		10-149
2051-24-3	DCB Decachlorobiphenyl	74		10-174

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Start Date: 07/25/2022 12:22

Analysis Batch Number: 536024 End Date: 07/25/2022 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-536024/4 IC		07/25/2022 12:22	1	P12072504.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-536024/4 IC		07/25/2022 12:22	1	P12072504.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-536024/5 IC		07/25/2022 12:38	1	P12072505.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-536024/5 IC		07/25/2022 12:38	1	P12072505.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-536024/6 IC		07/25/2022 12:54	1	P12072506.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-536024/6 IC		07/25/2022 12:54	1	P12072506.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-536024/7 IC		07/25/2022 13:10	1	P12072507.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-536024/7 IC		07/25/2022 13:10	1	P12072507.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-536024/8 IC		07/25/2022 13:26	1	P12072508.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-536024/8 IC		07/25/2022 13:26	1	P12072508.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-536024/9 IC		07/25/2022 13:41	1	P12072509.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-536024/9 IC		07/25/2022 13:41	1	P12072509.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-536024/10 IC		07/25/2022 13:57	1	P12072510.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-536024/10 IC		07/25/2022 13:57	1	P12072510.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-536024/11 IC		07/25/2022 14:13	1	P12072511.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-536024/11 IC		07/25/2022 14:13	1	P12072511.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-536024/12 IC		07/25/2022 14:29	1	P12072512.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-536024/12 IC		07/25/2022 14:29	1	P12072512.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-536024/13 IC		07/25/2022 14:45	1	P12072513.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-536024/13 IC		07/25/2022 14:45	1	P12072513.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-536024/14 IC		07/25/2022 15:01	1	P12072514.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-536024/14 IC		07/25/2022 15:01	1	P12072514.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-536024/15 IC		07/25/2022 15:17	1	P12072515.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-536024/15 IC		07/25/2022 15:17	1	P12072515.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-536024/16 IC		07/25/2022 15:32	1	P12072516.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-536024/16 IC		07/25/2022 15:32	1	P12072516.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-536024/17 IC		07/25/2022 15:48	1	P12072517.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-536024/17 IC		07/25/2022 15:48	1	P12072517.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-536024/18 IC		07/25/2022 16:04	1	P12072518.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-536024/18 IC		07/25/2022 16:04	1	P12072518.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-536024/19 IC		07/25/2022 16:20	1	P12072519.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-536024/19 IC		07/25/2022 16:20	1	P12072519.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Start Date: 07/25/2022 12:22

Analysis Batch Number: 536024 End Date: 07/25/2022 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-536024/20 IC		07/25/2022 16:36	1	P12072520.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-536024/20 IC		07/25/2022 16:36	1	P12072520.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-536024/21 IC		07/25/2022 16:52	1	P12072521.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-536024/21 IC		07/25/2022 16:52	1	P12072521.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-536024/22 IC		07/25/2022 17:07	1	P12072522.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-536024/22 IC		07/25/2022 17:07	1	P12072522.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-536024/23 IC		07/25/2022 17:23	1	P12072523.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-536024/23 IC		07/25/2022 17:23	1	P12072523.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-536024/24 IC		07/25/2022 17:39	1	P12072524.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-536024/24 IC		07/25/2022 17:39	1	P12072524.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-536024/25 IC		07/25/2022 17:55	1	P12072525.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-536024/25 IC		07/25/2022 17:55	1	P12072525.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-536024/26 IC		07/25/2022 18:11	1	P12072526.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-536024/26 IC		07/25/2022 18:11	1	P12072526.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-536024/27 IC		07/25/2022 18:27	1	P12072527.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-536024/27 IC		07/25/2022 18:27	1	P12072527.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-536024/28 IC		07/25/2022 18:42	1	P12072528.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-536024/28 IC		07/25/2022 18:42	1	P12072528.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-536024/29 IC		07/25/2022 18:58	1	P12072529.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-536024/29 IC		07/25/2022 18:58	1	P12072529.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-536024/30 IC		07/25/2022 19:14	1	P12072530.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-536024/30 IC		07/25/2022 19:14	1	P12072530.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-536024/31 ICIS		07/25/2022 19:30	1	P12072531.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-536024/31 ICIS		07/25/2022 19:30	1	P12072531.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-536024/32 IC		07/25/2022 19:46	1	P12072532.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-536024/32 IC		07/25/2022 19:46	1	P12072532.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-536024/33 IC		07/25/2022 20:02	1	P12072533.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-536024/33 IC		07/25/2022 20:02	1	P12072533.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/34		07/25/2022 20:18	1	P12072534.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/34		07/25/2022 20:18	1	P12072534.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/35		07/25/2022 20:34	1	P12072535.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/35		07/25/2022 20:34	1	P12072535.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/36		07/25/2022 20:49	1	P12072536.D	CLP-1 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Start Date: 07/25/2022 12:22

Analysis Batch Number: 536024 End Date: 07/25/2022 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-536024/36		07/25/2022 20:49	1	P12072536.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/37		07/25/2022 21:05	1	P12072537.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/37		07/25/2022 21:05	1	P12072537.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/38		07/25/2022 21:21	1	P12072538.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/38		07/25/2022 21:21	1	P12072538.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/39		07/25/2022 21:37	1	P12072539.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/39		07/25/2022 21:37	1	P12072539.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/40		07/25/2022 21:53	1	P12072540.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/40		07/25/2022 21:53	1	P12072540.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-536024/41		07/25/2022 22:09	1	P12072541.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-536024/41		07/25/2022 22:09	1	P12072541.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP12 Start Date: 08/02/2022 10:03

Analysis Batch Number: 537164 End Date: 08/02/2022 14:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-537164/3 CCVIS		08/02/2022 10:03	1	P12080103.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-537164/3 CCVIS		08/02/2022 10:03	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-537164/4		08/02/2022 10:19	1	P12080104.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-537164/4		08/02/2022 10:19	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-537164/5		08/02/2022 10:35	1	P12080105.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-537164/5		08/02/2022 10:35	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-537164/6		08/02/2022 10:51	1	P12080106.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-537164/6		08/02/2022 10:51	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-537164/7		08/02/2022 11:07	1	P12080107.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-537164/7		08/02/2022 11:07	1		CLP-2 (0.53mm) 0.53 (mm)
RTC 240-537164/8		08/02/2022 11:22	1		CLP-1 (0.53mm) 0.53 (mm)
RTC 240-537164/8		08/02/2022 11:22	1		CLP-2 (0.53mm) 0.53 (mm)
MB 240-536979/4-A		08/02/2022 11:38	1	P12080109.D	CLP-1 (0.53mm) 0.53 (mm)
MB 240-536979/4-A		08/02/2022 11:38	1	P12080109.D	CLP-2 (0.53mm) 0.53 (mm)
LCS 240-536979/5-A		08/02/2022 11:54	1	P12080110.D	CLP-1 (0.53mm) 0.53 (mm)
LCS 240-536979/5-A		08/02/2022 11:54	1	P12080110.D	CLP-2 (0.53mm) 0.53 (mm)
240-170019-3	WC-GSP-S-071822	08/02/2022 12:10	1	P12080111.D	CLP-1 (0.53mm) 0.53 (mm)
240-170019-3	WC-GSP-S-071822	08/02/2022 12:10	1	P12080111.D	CLP-2 (0.53mm) 0.53 (mm)
240-170019-3 MS	WC-GSP-S-071822 MS	08/02/2022 12:26	1	P12080112.D	CLP-1 (0.53mm) 0.53 (mm)
240-170019-3 MS	WC-GSP-S-071822 MS	08/02/2022 12:26	1	P12080112.D	CLP-2 (0.53mm) 0.53 (mm)
240-170019-3 MSD	WC-GSP-S-071822 MSD	08/02/2022 12:41	1	P12080113.D	CLP-1 (0.53mm) 0.53 (mm)
240-170019-3 MSD	WC-GSP-S-071822 MSD	08/02/2022 12:41	1	P12080113.D	CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 12:57	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 12:57	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:13	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:13	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:29	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:29	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:45	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 13:45	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 14:01	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 14:01	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 14:17	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/02/2022 14:17	1		CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Start Date: 06/06/2022 15:12

Analysis Batch Number: 529358 End Date: 06/07/2022 01:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-529358/4 IC		06/06/2022 15:12	1	P19060604.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-529358/4 IC		06/06/2022 15:12	1	P19060604.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-529358/5 IC		06/06/2022 15:29	1	P19060605.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-529358/5 IC		06/06/2022 15:29	1	P19060605.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-529358/6 IC		06/06/2022 15:46	1	P19060606.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-529358/6 IC		06/06/2022 15:46	1	P19060606.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-529358/7 IC		06/06/2022 16:03	1	P19060607.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-529358/7 IC		06/06/2022 16:03	1	P19060607.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-529358/8 IC		06/06/2022 16:20	1	P19060608.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-529358/8 IC		06/06/2022 16:20	1	P19060608.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-529358/9 IC		06/06/2022 16:37	1	P19060609.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-529358/9 IC		06/06/2022 16:37	1	P19060609.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-529358/10 IC		06/06/2022 16:53	1	P19060610.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-529358/10 IC		06/06/2022 16:53	1	P19060610.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-529358/11 IC		06/06/2022 17:10	1	P19060611.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-529358/11 IC		06/06/2022 17:10	1	P19060611.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-529358/12 IC		06/06/2022 17:27	1	P19060612.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-529358/12 IC		06/06/2022 17:27	1	P19060612.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-529358/13 IC		06/06/2022 17:44	1	P19060613.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-529358/13 IC		06/06/2022 17:44	1	P19060613.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-529358/14 IC		06/06/2022 18:01	1	P19060614.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-529358/14 IC		06/06/2022 18:01	1	P19060614.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-529358/15 IC		06/06/2022 18:18	1	P19060615.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-529358/15 IC		06/06/2022 18:18	1	P19060615.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-529358/16 IC		06/06/2022 18:34	1	P19060616.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-529358/16 IC		06/06/2022 18:34	1	P19060616.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-529358/17 IC		06/06/2022 18:51	1	P19060617.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-529358/17 IC		06/06/2022 18:51	1	P19060617.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-529358/18 IC		06/06/2022 19:08	1	P19060618.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-529358/18 IC		06/06/2022 19:08	1	P19060618.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-529358/19 IC		06/06/2022 19:25	1	P19060619.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-529358/19 IC		06/06/2022 19:25	1	P19060619.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Start Date: 06/06/2022 15:12

Analysis Batch Number: 529358 End Date: 06/07/2022 01:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-529358/20 IC		06/06/2022 19:42	1	P19060620.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-529358/20 IC		06/06/2022 19:42	1	P19060620.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-529358/21 IC		06/06/2022 19:59	1	P19060621.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-529358/21 IC		06/06/2022 19:59	1	P19060621.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-529358/22 IC		06/06/2022 20:15	1	P19060622.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-529358/22 IC		06/06/2022 20:15	1	P19060622.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-529358/23 IC		06/06/2022 20:32	1	P19060623.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-529358/23 IC		06/06/2022 20:32	1	P19060623.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-529358/24 IC		06/06/2022 20:49	1	P19060624.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-529358/24 IC		06/06/2022 20:49	1	P19060624.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-529358/25 IC		06/06/2022 21:06	1	P19060625.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-529358/25 IC		06/06/2022 21:06	1	P19060625.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-529358/26 IC		06/06/2022 21:23	1	P19060626.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-529358/26 IC		06/06/2022 21:23	1	P19060626.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-529358/27 IC		06/06/2022 21:39	1	P19060627.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-529358/27 IC		06/06/2022 21:39	1	P19060627.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-529358/28 IC		06/06/2022 21:56	1	P19060628.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-529358/28 IC		06/06/2022 21:56	1	P19060628.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-529358/29 IC		06/06/2022 22:13	1	P19060629.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-529358/29 IC		06/06/2022 22:13	1	P19060629.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-529358/30 IC		06/06/2022 22:30	1	P19060630.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-529358/30 IC		06/06/2022 22:30	1	P19060630.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-529358/31 ICIS		06/06/2022 22:47	1	P19060631.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-529358/31 ICIS		06/06/2022 22:47	1	P19060631.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-529358/32 IC		06/06/2022 23:04	1	P19060632.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-529358/32 IC		06/06/2022 23:04	1	P19060632.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-529358/33 IC		06/06/2022 23:20	1	P19060633.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-529358/33 IC		06/06/2022 23:20	1	P19060633.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/34		06/06/2022 23:37	1	P19060634.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/34		06/06/2022 23:37	1	P19060634.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/35		06/06/2022 23:54	1	P19060635.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/35		06/06/2022 23:54	1	P19060635.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/36		06/07/2022 00:11	1	P19060636.D	CLP-1 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Start Date: 06/06/2022 15:12

Analysis Batch Number: 529358 End Date: 06/07/2022 01:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-529358/36		06/07/2022 00:11	1	P19060636.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/37		06/07/2022 00:28	1	P19060637.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/37		06/07/2022 00:28	1	P19060637.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/38		06/07/2022 00:45	1	P19060638.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/38		06/07/2022 00:45	1	P19060638.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/39		06/07/2022 01:01	1	P19060639.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/39		06/07/2022 01:01	1	P19060639.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/40		06/07/2022 01:18	1	P19060640.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/40		06/07/2022 01:18	1	P19060640.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-529358/41		06/07/2022 01:35	1	P19060641.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-529358/41		06/07/2022 01:35	1	P19060641.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: A2HP19 Start Date: 07/29/2022 07:15

Analysis Batch Number: 536712 End Date: 07/29/2022 16:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-536712/3 CCVIS		07/29/2022 07:15	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/3 CCVIS		07/29/2022 07:15	1	P19072903.D	CLP-2 (0.53mm) 0.53 (mm)
CCV 240-536712/4		07/29/2022 07:32	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/4		07/29/2022 07:32	1	P19072904.D	CLP-2 (0.53mm) 0.53 (mm)
CCV 240-536712/5		07/29/2022 07:49	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/5		07/29/2022 07:49	1	P19072905.D	CLP-2 (0.53mm) 0.53 (mm)
CCV 240-536712/6		07/29/2022 08:05	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/6		07/29/2022 08:05	1	P19072906.D	CLP-2 (0.53mm) 0.53 (mm)
CCV 240-536712/7		07/29/2022 08:22	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/7		07/29/2022 08:22	1	P19072907.D	CLP-2 (0.53mm) 0.53 (mm)
MB 240-536374/21-A		07/29/2022 08:56	1	P19072909.D	CLP-1 (0.53mm) 0.53 (mm)
MB 240-536374/21-A		07/29/2022 08:56	1	P19072909.D	CLP-2 (0.53mm) 0.53 (mm)
LCS 240-536374/22-A		07/29/2022 09:13	1	P19072910.D	CLP-1 (0.53mm) 0.53 (mm)
LCS 240-536374/22-A		07/29/2022 09:13	1	P19072910.D	CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 09:30	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 09:30	1		CLP-2 (0.53mm) 0.53 (mm)
240-170019-2	WC-GSP-W-071822	07/29/2022 09:46	1	P19072912.D	CLP-1 (0.53mm) 0.53 (mm)
240-170019-2	WC-GSP-W-071822	07/29/2022 09:46	1	P19072912.D	CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 12:52	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 12:52	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 13:09	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 13:09	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 13:25	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 13:25	1		CLP-2 (0.53mm) 0.53 (mm)
CCVIS 240-536712/28		07/29/2022 14:16	1		CLP-1 (0.53mm) 0.53 (mm)
CCVIS 240-536712/28		07/29/2022 14:16	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 14:33	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 14:33	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-536712/34		07/29/2022 15:57	1		CLP-1 (0.53mm) 0.53 (mm)
CCV 240-536712/34		07/29/2022 15:57	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 16:14	100		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		07/29/2022 16:14	100		CLP-2 (0.53mm) 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00009	SG1232ICV@.5 00008	SG1242ICV@.5 00008	SG1248@.05ppm 00033	SG1248@0.1PPM 00037	SG1248@0.2ppm 00032
STD005 240-529358/4 IC		8082A							
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A					1 mL		
STD01 240-529358/17 IC		8082A						1 mL	
STD02 240-529358/18 IC		8082A							1 mL
STD05 240-529358/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00009	SG1232ICV@.5 00008	SG1242ICV@.5 00008	SG1248@.05ppm 00033	SG1248@0.1PPM 00037	SG1248@0.2ppm 00032
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00009	SG1232ICV@.5 00008	SG1242ICV@.5 00008	SG1248@.05ppm 00033	SG1248@0.1PPM 00037	SG1248@0.2ppm 00032
ICV 240-529358/34		8082A		1 mL					
ICV 240-529358/35		8082A			1 mL				
ICV 240-529358/36		8082A				1 mL			
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00056	SG1248@1.0ppm 00042	SG1248@1.5ppm 00012	SG1248ICV@.5 00010	SG1262ICV@.5 00012	SG1268ICV@0.5 00014
STD005 240-529358/4 IC		8082A							
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00056	SG1248@1.0ppm 00042	SG1248@1.5ppm 00012	SG1248ICV@.5 00010	SG1262ICV@.5 00012	SG1268ICV@0.5 00014
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A		1 mL					
STD1 240-529358/20 IC		8082A			1 mL				
STD15 240-529358/21 IC		8082A				1 mL			
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00056	SG1248@1.0ppm 00042	SG1248@1.5ppm 00012	SG1248ICV@.5 00010	SG1262ICV@.5 00012	SG1268ICV@0.5 00014
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A					1 mL		
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A						1 mL	
ICV 240-529358/41		8082A							1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00045	SG1660@0.2ppm 00036	SG1660@0.5PPM 00115	SG1660@1.0PPM 00049	SG1660@1.5PPM 00017	SG1660ICV@.5 00016
STD005 240-529358/4 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00045	SG1660@0.2ppm 00036	SG1660@0.5PPM 00115	SG1660@1.0PPM 00049	SG1660@1.5PPM 00017	SG1660ICV@.5 00016
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00045	SG1660@0.2ppm 00036	SG1660@0.5PPM 00115	SG1660@1.0PPM 00049	SG1660@1.5PPM 00017	SG1660ICV@.5 00016
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A		1 mL					
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A			1 mL				
STD05 240-529358/31 ICIS		8082A				1 mL			
STD1 240-529358/32 IC		8082A					1 mL		
STD15 240-529358/33 IC		8082A						1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@0.05PPM 00045	SG1660@0.2ppm 00036	SG1660@0.5PPM 00115	SG1660@1.0PPM 00049	SG1660@1.5PPM 00017	SG1660ICV@.5 00016
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							1 mL
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00033	SG2154@0.05PP 00028	SG2154@0.2PPM 00030	SG2154@0.5PPM 00062	SG2154@1.0PPM 00044	SG2154@1.5PPM 00012
STD005 240-529358/4 IC		8082A							
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00033	SG2154@0.05PP 00028	SG2154@0.2PPM 00030	SG2154@0.5PPM 00062	SG2154@1.0PPM 00044	SG2154@1.5PPM 00012
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A							
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A			1 mL				
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A				1 mL			
STD05 240-529358/25 IC		8082A					1 mL		
STD1 240-529358/26 IC		8082A						1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00033	SG2154@0.05PP 00028	SG2154@0.2PPM 00030	SG2154@0.5PPM 00062	SG2154@1.0PPM 00044	SG2154@1.5PPM 00012
STD15 240-529358/27 IC		8082A							1 mL
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A		1 mL					
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00029	SG2154ICV@.5 00010	SG3262@.05PPM 00027	SG3262@.2PPM 00025	SG3262@0.1PPM 00024	SG3262@0.5PPM 00051
STD005 240-529358/4 IC		8082A				1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00029	SG2154ICV@.5 00010	SG3262@.05PPM 00027	SG3262@.2PPM 00025	SG3262@0.1PPM 00024	SG3262@0.5PPM 00051
STD01 240-529358/5 IC		8082A						1 mL	
STD02 240-529358/6 IC		8082A					1 mL		
STD05 240-529358/7 IC		8082A							1 mL
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00029	SG2154ICV@.5 00010	SG3262@.05PPM 00027	SG3262@.2PPM 00025	SG3262@0.1PPM 00024	SG3262@0.5PPM 00051
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A		1 mL					
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00029	SG2154ICV@.5 00010	SG3262@.05PPM 00027	SG3262@.2PPM 00025	SG3262@0.1PPM 00024	SG3262@0.5PPM 00051
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A			1 mL				
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00036	SG3262@1.5PPM 00013	SG42/68@1.0PP 00040	SG4268@.05PPM 00022	SG4268@.1PPM 00023	SG4268@.2PPM 00022
STD005 240-529358/4 IC		8082A							
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A		1 mL					
STD15 240-529358/9 IC		8082A			1 mL				
STD005 240-529358/10 IC		8082A					1 mL		
STD01 240-529358/11 IC		8082A						1 mL	
STD02 240-529358/12 IC		8082A							1 mL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00036	SG3262@1.5PPM 00013	SG42/68@1.0PP 00040	SG4268@.05PPM 00022	SG4268@.1PPM 00023	SG4268@.2PPM 00022
STD05 240-529358/13 IC		8082A							
STD1 240-529358/14 IC		8082A				1 mL			
STD15 240-529358/15 IC		8082A							
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A							
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00036	SG3262@1.5PPM 00013	SG42/68@1.0PP 00040	SG4268@.05PPM 00022	SG4268@.1PPM 00023	SG4268@.2PPM 00022
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00052	SG4268@1.5PPM 00013				
STD005 240-529358/4 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00052	SG4268@1.5PPM 00013				
STD01 240-529358/5 IC		8082A							
STD02 240-529358/6 IC		8082A							
STD05 240-529358/7 IC		8082A							
STD1 240-529358/8 IC		8082A							
STD15 240-529358/9 IC		8082A							
STD005 240-529358/10 IC		8082A							
STD01 240-529358/11 IC		8082A							
STD02 240-529358/12 IC		8082A							
STD05 240-529358/13 IC		8082A		1 mL					
STD1 240-529358/14 IC		8082A							
STD15 240-529358/15 IC		8082A			1 mL				
STD005 240-529358/16 IC		8082A							
STD01 240-529358/17 IC		8082A							
STD02 240-529358/18 IC		8082A							
STD05 240-529358/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00052	SG4268@1.5PPM 00013				
STD1 240-529358/20 IC		8082A							
STD15 240-529358/21 IC		8082A							
STD005 240-529358/22 IC		8082A							
STD01 240-529358/23 IC		8082A							
STD02 240-529358/24 IC		8082A							
STD05 240-529358/25 IC		8082A							
STD1 240-529358/26 IC		8082A							
STD15 240-529358/27 IC		8082A							
STD005 240-529358/28 IC		8082A							
STD01 240-529358/29 IC		8082A							
STD02 240-529358/30 IC		8082A							
STD05 240-529358/31 ICIS		8082A							
STD1 240-529358/32 IC		8082A							
STD15 240-529358/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 529358 Batch Start Date: 06/06/22 15:12 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00052	SG4268@1.5PPM 00013				
ICV 240-529358/34		8082A							
ICV 240-529358/35		8082A							
ICV 240-529358/36		8082A							
ICV 240-529358/37		8082A							
ICV 240-529358/38		8082A							
ICV 240-529358/39		8082A							
ICV 240-529358/40		8082A							
ICV 240-529358/41		8082A							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00010	SG1232ICV@.5 00009	SG1242ICV@.5 00009	SG1248@.05ppm 00034	SG1248@0.1PPM 00038	SG1248@0.2ppm 00033
STD005 240-536024/4 IC		8082A							
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A					1 mL		
STD01 240-536024/17 IC		8082A						1 mL	
STD02 240-536024/18 IC		8082A							1 mL
STD05 240-536024/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00010	SG1232ICV@.5 00009	SG1242ICV@.5 00009	SG1248@.05ppm 00034	SG1248@0.1PPM 00038	SG1248@0.2ppm 00033
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1221ICV@.5 00010	SG1232ICV@.5 00009	SG1242ICV@.5 00009	SG1248@.05ppm 00034	SG1248@0.1PPM 00038	SG1248@0.2ppm 00033
ICV 240-536024/34		8082A		1 mL					
ICV 240-536024/35		8082A			1 mL				
ICV 240-536024/36		8082A				1 mL			
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00058	SG1248@1.0ppm 00044	SG1248@1.5ppm 00013	SG1248ICV@.5 00010	SG1262ICV@.5 00013	SG1268ICV@0.5 00015
STD005 240-536024/4 IC		8082A							
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00058	SG1248@1.0ppm 00044	SG1248@1.5ppm 00013	SG1248ICV@.5 00010	SG1262ICV@.5 00013	SG1268ICV@0.5 00015
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A		1 mL					
STD1 240-536024/20 IC		8082A			1 mL				
STD15 240-536024/21 IC		8082A				1 mL			
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1248@0.5ppm 00058	SG1248@1.0ppm 00044	SG1248@1.5ppm 00013	SG1248ICV@.5 00010	SG1262ICV@.5 00013	SG1268ICV@0.5 00015
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A					1 mL		
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A						1 mL	
ICV 240-536024/40		8082A							1 mL
ICV 240-536024/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00047	SG1660@0.2ppm 00037	SG1660@0.5PPM 00116	SG1660@1.0PPM 00050	SG1660@1.5PPM 00018	SG1660ICV@.5 00018
STD005 240-536024/4 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00047	SG1660@0.2ppm 00037	SG1660@0.5PPM 00116	SG1660@1.0PPM 00050	SG1660@1.5PPM 00018	SG1660ICV@.5 00018
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@.05PPM 00047	SG1660@0.2ppm 00037	SG1660@0.5PPM 00116	SG1660@1.0PPM 00050	SG1660@1.5PPM 00018	SG1660ICV@.5 00018
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A		1 mL					
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A			1 mL				
STD05 240-536024/31 ICIS		8082A				1 mL			
STD1 240-536024/32 IC		8082A					1 mL		
STD15 240-536024/33 IC		8082A						1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660@0.05PPM 00047	SG1660@0.2ppm 00037	SG1660@0.5PPM 00116	SG1660@1.0PPM 00050	SG1660@1.5PPM 00018	SG1660ICV@.5 00018
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00034	SG2154@0.05PP 00029	SG2154@0.2PPM 00031	SG2154@0.5PPM 00066	SG2154@1.0PPM 00047	SG2154@1.5PPM 00013
STD005 240-536024/4 IC		8082A							
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00034	SG2154@0.05PP 00029	SG2154@0.2PPM 00031	SG2154@0.5PPM 00066	SG2154@1.0PPM 00047	SG2154@1.5PPM 00013
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A							
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A			1 mL				
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A				1 mL			
STD05 240-536024/25 IC		8082A					1 mL		
STD1 240-536024/26 IC		8082A						1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660STD@0.1 00034	SG2154@0.05PP 00029	SG2154@0.2PPM 00031	SG2154@0.5PPM 00066	SG2154@1.0PPM 00047	SG2154@1.5PPM 00013
STD15 240-536024/27 IC		8082A							1 mL
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A		1 mL					
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00030	SG2154ICV@.5 00010	SG3262@.05PPM 00028	SG3262@.2PPM 00026	SG3262@0.1PPM 00025	SG3262@0.5PPM 00053
STD005 240-536024/4 IC		8082A				1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00030	SG2154ICV@.5 00010	SG3262@.05PPM 00028	SG3262@.2PPM 00026	SG3262@0.1PPM 00025	SG3262@0.5PPM 00053
STD01 240-536024/5 IC		8082A						1 mL	
STD02 240-536024/6 IC		8082A					1 mL		
STD05 240-536024/7 IC		8082A							1 mL
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00030	SG2154ICV@.5 00010	SG3262@.05PPM 00028	SG3262@.2PPM 00026	SG3262@0.1PPM 00025	SG3262@0.5PPM 00053
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A		1 mL					
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG2154@0.1PPM 00030	SG2154ICV@.5 00010	SG3262@.05PPM 00028	SG3262@.2PPM 00026	SG3262@0.1PPM 00025	SG3262@0.5PPM 00053
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A			1 mL				
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00038	SG3262@1.5PPM 00014	SG42/68@1.0PP 00042	SG4268@.05PPM 00023	SG4268@.1PPM 00024	SG4268@.2PPM 00023
STD005 240-536024/4 IC		8082A							
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A		1 mL					
STD15 240-536024/9 IC		8082A			1 mL				
STD005 240-536024/10 IC		8082A					1 mL		
STD01 240-536024/11 IC		8082A						1 mL	
STD02 240-536024/12 IC		8082A							1 mL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00038	SG3262@1.5PPM 00014	SG42/68@1.0PP 00042	SG4268@.05PPM 00023	SG4268@.1PPM 00024	SG4268@.2PPM 00023
STD05 240-536024/13 IC		8082A							
STD1 240-536024/14 IC		8082A				1 mL			
STD15 240-536024/15 IC		8082A							
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A							
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG3262@1.0PPM 00038	SG3262@1.5PPM 00014	SG42/68@1.0PP 00042	SG4268@.05PPM 00023	SG4268@.1PPM 00024	SG4268@.2PPM 00023
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00054	SG4268@1.5PPM 00014				
STD005 240-536024/4 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00054	SG4268@1.5PPM 00014				
STD01 240-536024/5 IC		8082A							
STD02 240-536024/6 IC		8082A							
STD05 240-536024/7 IC		8082A							
STD1 240-536024/8 IC		8082A							
STD15 240-536024/9 IC		8082A							
STD005 240-536024/10 IC		8082A							
STD01 240-536024/11 IC		8082A							
STD02 240-536024/12 IC		8082A							
STD05 240-536024/13 IC		8082A		1 mL					
STD1 240-536024/14 IC		8082A							
STD15 240-536024/15 IC		8082A			1 mL				
STD005 240-536024/16 IC		8082A							
STD01 240-536024/17 IC		8082A							
STD02 240-536024/18 IC		8082A							
STD05 240-536024/19 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00054	SG4268@1.5PPM 00014				
STD1 240-536024/20 IC		8082A							
STD15 240-536024/21 IC		8082A							
STD005 240-536024/22 IC		8082A							
STD01 240-536024/23 IC		8082A							
STD02 240-536024/24 IC		8082A							
STD05 240-536024/25 IC		8082A							
STD1 240-536024/26 IC		8082A							
STD15 240-536024/27 IC		8082A							
STD005 240-536024/28 IC		8082A							
STD01 240-536024/29 IC		8082A							
STD02 240-536024/30 IC		8082A							
STD05 240-536024/31 ICIS		8082A							
STD1 240-536024/32 IC		8082A							
STD15 240-536024/33 IC		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536024 Batch Start Date: 07/25/22 12:22 Batch Analyst: Hass, Lori

Batch Method: 8082A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG4268@0.5PPM 00054	SG4268@1.5PPM 00014				
ICV 240-536024/34		8082A							
ICV 240-536024/35		8082A							
ICV 240-536024/36		8082A							
ICV 240-536024/37		8082A							
ICV 240-536024/38		8082A							
ICV 240-536024/39		8082A							
ICV 240-536024/40		8082A							
ICV 240-536024/41		8082A							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536374 Batch Start Date: 07/27/22 09:14 Batch Analyst: Howell, Matthew D

Batch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	ex10PPMSPK 00058	ex2/.2SURRW 00167	AnalysisComment
240-170019-H-2	WC-GSP-W-071822	3510C, 8082A	T	960 mL	2 mL	5 SU		1 mL	
MB 240-536374/21		3510C, 8082A		1000 mL	2 mL	5 SU		1 mL	associate with batch number 536381
LCS 240-536374/22		3510C, 8082A		1000 mL	2 mL	5 SU	0.25 mL	1 mL	

Batch Notes	
pH Indicator ID	5180569
Pipette/Syringe/Dispenser ID	6 7
Analyst ID - Extraction	MATTHEW HOWELL
Analyst ID - Spike Analyst	MATTHEW HOWELL
Prep Solvent ID	5809764
Na2SO4 ID	5382424
Exchange Solvent ID	5475441
Acid used for Clean Up ID	5801985

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 536979 Batch Start Date: 08/01/22 10:18 Batch Analyst: Cook, Thomas E

Batch Method: 3550B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ex10PPMSPK 00058	ex2/.2SURRW 00167		
240-170019-C-3	WC-GSP-S-071822	3550B, 8082A	T	10.49 g	10 mL		1 mL		
240-170019-C-3 MS	WC-GSP-S-071822	3550B, 8082A	T	9.96 g	10 mL	1 mL	1 mL		
240-170019-C-3 MSD	WC-GSP-S-071822	3550B, 8082A	T	10.14 g	10 mL	1 mL	1 mL		
MB 240-536979/4		3550B, 8082A		10 g	10 mL		1 mL		
LCS 240-536979/5		3550B, 8082A		10 g	10 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339908
Analyst ID - Extraction	THOMAS COOK
Analyst ID - Spike Analyst	THOMAS COOK
Prep Solvent ID	5402074
Na2SO4 ID	5382427
Analyst ID - Concentration	LUCAS GROSSMAN BRITTANY BLYTHE EBONE FORD
Acid used for Clean Up ID	5801983

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method PFC IDA

Fluorinated Hydrocarbons by Method
PFAS IDA

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): Gemini C18 ID: 3 (mm)

Client Sample ID	Lab Sample ID	C3PFBS #	13C5PHA #	HFPODA #	C3PFHS #	C4PFHA #	C8PFOA #	C8PFOS #	C9PFNA #
WC-GSP-W-071822	240-170019-2	119	86	75	100	96	100	87	98
	MB 410-279843/1-A	99	104	107	104	112	105	103	103
	LCS 410-279843/3-A	98	108	99	104	107	107	104	106
	LCSD 410-279843/4-A	103	107	112	106	109	106	104	105

	<u>QC LIMITS</u>
C3PFBS = 13C3 PFBS	16-200
13C5PHA = 13C5 PFHxA	24-179
HFPODA = 13C3 HFPO-DA	17-185
C3PFHS = 13C3 PFHxS	28-188
C4PFHA = 13C4 PFHpA	31-182
C8PFOA = 13C8 PFOA	48-162
C8PFOS = 13C8 PFOS	51-159
C9PFNA = 13C9 PFNA	51-167

Column to be used to flag recovery values

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): Gemini C18 ID: 3 (mm)

Client Sample ID	Lab Sample ID	C6PFDA #	d3NMFOS #	13C7PUA #	d5NEFOS #	PFDODA #	PFTDA #
WC-GSP-W-071822	240-170019-2	85	73	80	81	74	70
	MB 410-279843/1-A	106	94	105	96	100	87
	LCS 410-279843/3-A	107	94	103	91	98	92
	LCSD 410-279843/4-A	109	97	108	98	102	90

	<u>QC LIMITS</u>
C6PFDA = 13C6 PFDA	49-163
d3NMFOS = d3-NMeFOSAA	31-174
13C7PUA = 13C7 PUnA	34-174
d5NEFOS = d5-NEtFOSAA	29-195
PFDODA = 13C2-PFDODA	17-176
PFTDA = 13C2 PFTeDA	10-179

Column to be used to flag recovery values

FORM II 537 IDA

FORM III
PFAS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 240-170019-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: 22AUG01-83.d

Lab ID: LCS 410-279843/3-A

Client ID:

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC	QC LIMITS REC	#
Perfluorohexanoic acid	25.6	24.2	95	58-139	
Perfluoroheptanoic acid	25.6	25.6	100	59-145	
Perfluorooctanoic acid	25.6	24.2	94	51-145	
Perfluorononanoic acid	25.6	24.4	95	61-139	
Perfluorodecanoic acid	25.6	24.0	94	56-138	
Perfluorotridecanoic acid	25.6	24.5	96	58-146	
Perfluorotetradecanoic acid	25.6	24.9	97	62-139	
Perfluorobutanesulfonic acid	22.7	23.2	102	53-138	
Perfluorohexanesulfonic acid	23.3	21.8	93	58-134	
Perfluorooctanesulfonic acid	23.7	22.5	95	45-150	
NEtFOSAA	25.6	25.9	101	55-134	
NMeFOSAA	25.6	23.8	93	59-140	
Perfluorododecanoic acid	25.6	24.3	95	59-143	
HFPODA	25.6	25.8	101	50-135	
9Cl-PF3ONS	23.8	22.6	95	59-135	
11Cl-PF3OUdS	23.8	21.5	90	53-139	
DONA	24.2	23.0	95	55-143	
13C5 PFHxA	40.0	43.0	108	24-179	
13C4 PFHpA	40.0	42.9	107	31-182	
13C8 PFOA	40.0	42.9	107	48-162	
13C9 PFNA	40.0	42.6	106	51-167	
13C6 PFDA	40.0	42.6	107	49-163	
13C2-PFDoDA	40.0	39.2	98	17-176	
13C2 PFTeDA	40.0	36.7	92	10-179	
13C3 PFBS	37.2	36.6	98	16-200	
13C3 PFHxS	37.8	39.3	104	28-188	
13C8 PFOS	38.2	39.6	104	51-159	
d3-NMeFOSAA	40.0	37.5	94	31-174	
d5-NEtFOSAA	40.0	36.6	91	29-195	
13C3 HFPO-DA	40.0	39.7	99	17-185	
13C7 PFUnA	40.0	41.2	103	34-174	
Perfluoroundecanoic acid	25.6	24.3	95	60-141	

Column to be used to flag recovery and RPD values

FORM III 537 IDA

FORM III
PFAS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 240-170019-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: 22AUG01-84.d

Lab ID: LCSD 410-279843/4-A

Client ID:

COMPOUND	SPIKE ADDED (ng/L)	LCSD CONCENTRATION (ng/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Perfluorohexanoic acid	25.6	24.2	94	0	30	58-139	
Perfluoroheptanoic acid	25.6	24.7	96	4	30	59-145	
Perfluorooctanoic acid	25.6	23.8	93	2	30	51-145	
Perfluorononanoic acid	25.6	24.8	97	2	30	61-139	
Perfluorodecanoic acid	25.6	24.8	97	3	30	56-138	
Perfluorotridecanoic acid	25.6	23.8	93	3	30	58-146	
Perfluorotetradecanoic acid	25.6	24.4	95	2	30	62-139	
Perfluorobutanesulfonic acid	22.7	21.9	97	6	30	53-138	
Perfluorohexanesulfonic acid	23.3	21.9	94	1	30	58-134	
Perfluorooctanesulfonic acid	23.7	23.0	97	2	30	45-150	
NEtFOSAA	25.6	25.5	100	1	30	55-134	
NMeFOSAA	25.6	25.5	100	7	30	59-140	
Perfluorododecanoic acid	25.6	23.8	93	2	30	59-143	
HFPODA	25.6	24.7	96	4	30	50-135	
9C1-PF3ONS	23.8	23.5	99	4	30	59-135	
11C1-PF3OUdS	23.8	23.3	98	8	30	53-139	
DONA	24.2	22.1	91	4	30	55-143	
13C5 PFHxA	40.0	42.7	107			24-179	
13C4 PFHpA	40.0	43.8	109			31-182	
13C8 PFOA	40.0	42.5	106			48-162	
13C9 PFNA	40.0	42.0	105			51-167	
13C6 PFDA	40.0	43.4	109			49-163	
13C2-PFDoDA	40.0	40.9	102			17-176	
13C2 PFTeDA	40.0	36.1	90			10-179	
13C3 PFBS	37.2	38.4	103			16-200	
13C3 PFHxS	37.8	40.1	106			28-188	
13C8 PFOS	38.2	39.8	104			51-159	
d3-NMeFOSAA	40.0	38.9	97			31-174	
d5-NEtFOSAA	40.0	39.3	98			29-195	
13C3 HFPO-DA	40.0	44.9	112			17-185	
13C7 PFUnA	40.0	43.2	108			34-174	
Perfluoroundecanoic acid	25.6	24.5	96	1	30	60-141	

Column to be used to flag recovery and RPD values

FORM IV
PFAS METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 240-170019-1

SDG No.: _____

Lab File ID: 22AUG01-81.d

Lab Sample ID: MB 410-279843/1-A

Matrix: Water

Date Extracted: 07/27/2022 07:13

Instrument ID: 30730

Date Analyzed: 08/02/2022 02:01

Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-279843/3-A	22AUG01-83. d	08/02/2022 02:23
	LCSD 410-279843/4-A	22AUG01-84. d	08/02/2022 02:34
WC-GSP-W-071822	240-170019-2	22AUG01-85. d	08/02/2022 02:46

FORM VIII
PFAS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories E Job No.: 240-170019-1
 SDG No.: _____
 Instrument ID: 30730 Calibration Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3 (mm) Calibration End Date: 07/31/2022 16:30
 Calibration ID: 41362

	13C3PFBA		13PFOA		PFOS		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MEAN AREA AND MEAN RT	1907990	3.82	2599304	5.60	1505714	5.92	
UPPER LIMIT	2861985	4.22	3898956	6.00	2258571	6.32	
LOWER LIMIT	953995	3.42	1299652	5.20	752857	5.52	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICB 410-280978/8	1808255	3.81	2602184	5.60	1434369	5.92	
ICV 410-280978/9	1909523	3.81	2572073	5.60	1463299	5.91	
CCV 410-281284/80	1891867	3.81	2544996	5.60	1512931	5.92	
MB 410-279843/1-A	2234251	3.81	3000966	5.60	1706298	5.92	
LCS 410-279843/3-A	2093197	3.81	2770769	5.59	1592970	5.91	
LCSD 410-279843/4-A	2073224	3.81	2815620	5.60	1612598	5.92	
240-170019-2	WC-GSP-W-071822	1538276	3.81	2741250	5.59	1520335	5.92
CCV 410-281284/105	1995790	3.81	2582674	5.59	1528544	5.91	

13C3PFBA = 13C3-PFBA
 13PFOA = 13C2 PFOA
 PFOS = 13C4 PFOS

Area Limit = 50%-150% of internal standard area
 RT Limit = ± 0.4 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PFAS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories E Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Calibration Start Date: 07/31/2022 15:24

GC Column: Gemini C18 50mm ID: 3(mm) Calibration End Date: 07/31/2022 16:30

Calibration ID: 41362

		PFDA					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT		2895665	6.24				
UPPER LIMIT		4343498	6.64				
LOWER LIMIT		1447833	5.84				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICB 410-280978/8		2866082	6.24				
ICV 410-280978/9		2991840	6.23				
CCV 410-281284/80		2855420	6.24				
MB 410-279843/1-A		3392857	6.24				
LCS 410-279843/3-A		3241188	6.24				
LCSD 410-279843/4-A		3185698	6.24				
240-170019-2	WC-GSP-W-071822	3159981	6.24				
CCV 410-281284/105		3093696	6.23				

PFDA = 13C2 PFDA

Area Limit = 50%-150% of internal standard area
RT Limit = ± 0.4 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 240-170019-1

SDG No.:

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Matrix: Water

Lab File ID: 22AUG01-85.d

Analysis Method: 537 IDA

Date Collected: 07/18/2022 11:10

Extraction Method: 537 IDA

Date Extracted: 07/27/2022 07:13

Sample wt/vol: 263.4(mL)

Date Analyzed: 08/02/2022 02:46

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 3(uL)

GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:

GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 281284

Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	1.9		1.9	0.47
375-85-9	Perfluoroheptanoic acid	0.94	J	1.9	0.47
335-67-1	Perfluorooctanoic acid	2.2		1.9	0.47
375-95-1	Perfluorononanoic acid	0.47	U	1.9	0.47
335-76-2	Perfluorodecanoic acid	0.70	J	1.9	0.47
72629-94-8	Perfluorotridecanoic acid	0.47	U	1.9	0.47
376-06-7	Perfluorotetradecanoic acid	0.47	U	1.9	0.47
375-73-5	Perfluorobutanesulfonic acid	0.89	J	1.9	0.47
355-46-4	Perfluorohexanesulfonic acid	1.3	J	1.9	0.47
1763-23-1	Perfluorooctanesulfonic acid	1.9		1.9	0.47
2991-50-6	NEtFOSAA	0.47	U	2.8	0.47
2355-31-9	NMeFOSAA	0.57	U	1.9	0.57
307-55-1	Perfluorododecanoic acid	0.47	U	1.9	0.47
13252-13-6	HFPODA	0.95	U	2.8	0.95
756426-58-1	9Cl-PF3ONS	0.47	U	1.9	0.47
763051-92-9	11Cl-PF3OUdS	0.47	U	1.9	0.47
919005-14-4	DONA	0.47	U	1.9	0.47
2058-94-8	Perfluoroundecanoic acid	0.47	U	1.9	0.47

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: WC-GSP-W-071822 Lab Sample ID: 240-170019-2

Matrix: Water Lab File ID: 22AUG01-85.d

Analysis Method: 537 IDA Date Collected: 07/18/2022 11:10

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 263.4(mL) Date Analyzed: 08/02/2022 02:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 3(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02577	13C5 PFHxA	86		24-179
STL01892	13C4 PFHpA	96		31-182
STL01052	13C8 PFOA	100		48-162
STL02578	13C9 PFNA	98		51-167
STL02579	13C6 PFDA	85		49-163
STL02703	13C2-PFDoDA	74		17-176
STL02116	13C2 PFTeDA	70		10-179
STL02337	13C3 PFBS	119		16-200
STL02581	13C3 PFHxS	100		28-188
STL01054	13C8 PFOS	87		51-159
STL02118	d3-NMeFOSAA	73		31-174
STL02117	d5-NEtFOSAA	81		29-195
STL02255	13C3 HFPO-DA	75		17-185
STL02580	13C7 PFUnA	80		34-174

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-280978/1	22JUL31MCAL-22.d
Level 2	IC 410-280978/2	22JUL31MCAL-23.d
Level 3	IC 410-280978/3	22JUL31MCAL-24.d
Level 4	IC 410-280978/4	22JUL31MCAL-25.d
Level 5	ICISAV 410-280978/5	22JUL31MCAL-26.d
Level 6	IC 410-280978/6	22JUL31MCAL-27.d
Level 7	IC 410-280978/7	22JUL31MCAL-28.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
PPF Acid	0.5292 0.5754	0.5134 0.5960	0.5344	0.5533	0.5505	AveI D	0.550 3				5.1		20.0				
PFMOAA	0.4627 0.4873	0.4472 0.5033	0.4487	0.4639	0.4714	AveI D	0.469 2				4.3		20.0				
R-EVE	0.2947 0.2795	0.2919 0.2787	0.2935	0.2953	0.2898	AveI D	0.289 1				2.4		20.0				
R-PSDA	0.0571 0.0617	0.0611 0.0649	0.0623	0.0632	0.0611	AveI D	0.061 6				3.9		20.0				
Perfluorobutanoic acid	1.0787 0.9142	1.0274 0.8952	1.0093	0.9160	0.9266	AveI D	0.966 8				7.3		20.0				
Hydrolyzed PSDA	0.3933 0.3881	0.3941 0.3905	0.3888	0.4322	0.4107	AveI D	0.399 7				4.1		20.0				
PMPA	0.3996 0.3877	0.3666 0.3916	0.3897	0.3890	0.3911	AveI D	0.387 9				2.6		20.0				
Perfluoropropanesulfonic acid	0.2951 0.2831	0.2834 0.2751	0.2789	0.2806	0.2840	AveI D	0.282 9				2.2		20.0				
NVHOS	0.2913 0.2758	0.2870 0.2695	0.2974	0.3064	0.2956	AveI D	0.289 0				4.4		20.0				
PFECA F	1.0590 0.8958	1.0274 0.8318	1.0521	0.9624	0.9258	AveI D	0.964 9				8.9		20.0				
PFO2HxA	0.1703 0.1949	0.1731 0.1850	0.1614	0.1704	0.1811	AveI D	0.176 6				6.3		20.0				
3:3 FTCA	0.0458 0.0449	0.0403 0.0446	0.0448	0.0436	0.0433	AveI D	0.043 9				4.1		20.0				
Perfluoropentanoic acid	1.0826 0.9388	0.9862 0.8805	1.0300	0.9542	0.9397	AveI D	0.973 1				6.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Perfluorobutanesulfonic acid	1.1499 0.9765	1.0648 0.9656	1.0995	0.9830	0.9825	AveI D		1.031 7			7.1		20.0				
PEPA	0.1291 0.1241	0.1227 0.1220	0.1289	0.1258	0.1305	AveI D		0.126 2			2.7		20.0				
PFECA A	0.8107 0.7817	0.7710 0.7784	0.7993	0.7769	0.7739	AveI D		0.784 5			1.9		20.0				
Perfluoro (2-ethoxyethane) sulfonic acid	3.2489 2.9141	3.0577 2.8657	3.1810	2.9930	2.8944	AveI D		3.022 1			4.9		20.0				
PFECA B	0.7150 0.8115	0.7733 0.7986	0.8204	0.7888	0.7992	AveI D		0.786 7			4.5		20.0				
4:2 Fluorotelomer sulfonic acid	2.8280 2.5870	2.6414 +++++	2.8307	2.6160	2.5916	AveI D		2.682 5			4.3		20.0				
Perfluorohexanoic acid	0.9312 0.7419	0.8197 0.7627	0.8406	0.7303	0.7462	AveI D		0.796 1			9.1		20.0				
Perfluoropentanesulfonic acid	0.9808 0.7986	0.8874 0.7824	0.9261	0.8555	0.8663	AveI D		0.871 0			7.9		20.0				
PFO3OA	0.1815 0.1843	0.1517 0.1600	0.1662	0.1689	0.1723	AveI D		0.169 3			6.8		20.0				
HFPODA	3.1640 5.0078	3.9274 4.8509	4.9426	3.9691	4.6448	AveI D		4.358 1			15.8		20.0				
Hydro-EVE Acid	2.0356 1.8677	1.9792 1.7839	1.9855	1.9767	1.9279	AveI D		1.936 6			4.4		20.0				
R-PSDCA	2.9303 2.7035	2.9598 2.6131	2.9719	2.9623	2.8484	AveI D		2.855 6			5.0		20.0				
Hydro-PS Acid	1.4674 1.4983	1.5666 1.4908	1.5605	1.5758	1.5424	AveI D		1.528 8			2.8		20.0				
Perfluoroheptanoic acid	1.0559 0.9392	1.0420 0.8697	1.1112	0.9434	0.9486	AveI D		0.987 1			8.5		20.0				
Perfluorohexanesulfonic acid	1.1548 1.0494	1.0678 1.1042	1.1450	1.0090	1.0078	AveI D		1.076 9			5.6		20.0				
PFO4DA	1.5596 1.2584	1.5198 1.1307	1.5086	1.3758	1.2931	AveI D		1.378 0			11.6		20.0				
DONA	1.2007 1.2939	1.2154 1.3763	1.3015	1.1630	1.2361	AveI D		1.255 3			5.8		20.0				
PFECA G	2.8944 2.5108	2.8976 2.3125	2.9132	2.8235	2.6731	AveI D		2.717 9			8.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
5:3 FTCA	0.1673 0.1708	0.1636 0.1789	0.1720	0.1579	0.1650	AveI D		0.167 9			4.0		20.0				
6:2 FTUCA	1.5061 1.2731	1.4873 1.1867	1.5768	1.3701	1.3335	AveI D		1.390 5			10.0		20.0				
6:2 FTCA	1.2385 1.1442	1.2490 1.0847	1.1663	1.0428	1.0810	AveI D		1.143 8			7.0		20.0				
PS Acid	0.6270 0.5508	0.6049 0.5331	0.6036	0.6064	0.5930	AveI D		0.588 4			5.7		20.0				
EVE Acid	2.6072 2.1635	2.4862 1.9718	2.5521	2.4522	2.3228	AveI D		2.365 1			9.7		20.0				
Perfluoro-4-ethylcyclohexanesulfonic acid	1.6820 1.7528	1.5738 1.9306	1.6665	1.5930	1.6006	AveI D		1.685 6			7.4		20.0				
6:2 Fluorotelomer sulfonic acid	5.9738 4.2290	4.7999 4.2968	4.9338	4.2328	4.6856	AveI D		4.736 0			13.0		20.0				
Perfluoroheptanesulfonic acid	0.9600 0.8882	0.9330 0.9414	0.9377	0.8355	0.8767	AveI D		0.910 4			4.9		20.0				
Perfluorooctanoic acid	0.8196 0.7337	0.7454 0.7208	0.7826	0.6767	0.7053	AveI D		0.740 6			6.5		20.0				
TAF	0.1073 0.1039	0.1107 0.1131	0.1199	0.1153	0.1201	AveI D		0.112 9			5.4		20.0				
Perfluorooctanesulfonic acid	1.0971 1.0440	1.0543 1.0456	1.0524	0.9642	1.0265	AveI D		1.040 6			3.8		20.0				
Perfluorononanoic acid	1.0697 0.9290	0.9549 0.8626	1.0729	0.9422	0.9024	AveI D		0.961 9			8.4		20.0				
7:3 FTCA	3.6372 3.8649	3.2331 3.8268	3.4164	3.0748	3.1488	AveI D		3.457 4			9.4		20.0				
8:2 FTUCA	1.0977 0.9091	1.0017 0.9119	1.0742	0.9839	0.9345	AveI D		0.987 6			7.7		20.0				
8:2 FTCA	0.9375 0.9801	0.9105 0.9014	1.0712	0.9513	1.0166	AveI D		0.967 0			6.3		20.0				
9Cl-PF3ONS	1.9389 1.9865	1.8563 1.9631	1.9727	1.8334	1.8675	AveI D		1.916 9			3.3		20.0				
Perfluorononanesulfonic acid	1.0992 1.1848	1.1648 1.0940	1.2256	1.1299	1.1893	AveI D		1.155 4			4.3		20.0				
Perfluorodecanoic acid	0.8757 0.7465	0.8286 0.7290	0.8551	0.7618	0.7515	AveI D		0.792 6			7.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
8:2 Fluorotelomer sulfonic acid	6.9023 7.3046	7.4149 7.0656	8.0522	7.0871	7.3119	AveI D		7.305 5			5.1		20.0				
Perfluorooctanesulfonamide	1.0743 0.9656	1.0772 0.9804	1.1104	0.9797	0.9845	AveI D		1.024 6			5.9		20.0				
NMeFOSAA	0.9943 0.8398	0.8876 0.8471	0.9489	0.8515	0.8844	AveI D		0.893 4			6.5		20.0				
Perfluorodecanesulfonic acid	1.1948 1.0985	1.0881 1.0838	1.0994	1.0931	1.1215	AveI D		1.111 3			3.5		20.0				
Perfluoroundecanoic acid	0.7888 0.7064	0.7804 0.7053	0.8232	0.6950	0.7397	AveI D		0.748 4			6.6		20.0				
NEtFOSAA	0.8762 0.8838	0.8377 0.8474	0.8766	0.8286	0.8519	AveI D		0.857 4			2.5		20.0				
10:2 FTUCA	1.0293 0.8500	0.9154 0.8190	0.9197	0.8787	0.8721	AveI D		0.897 8			7.6		20.0				
11Cl-PF3OUds	1.3256 1.3849	1.3247 1.3568	1.3694	1.2721	1.3112	AveI D		1.335 0			2.9		20.0				
10:2 FTCA	0.6527 0.7767	1.0741 0.7828	0.9726	0.8190	0.7870	AveI D		0.837 9			16.7		20.0				
Perfluorododecanoic acid	1.0854 0.8875	1.0627 0.8629	1.0800	0.9754	0.9683	AveI D		0.988 9			9.2		20.0				
10:2 FTS	7.3903 8.3678	7.5748 8.5315	7.8504	7.3522	7.7797	AveI D		7.835 2			5.9		20.0				
NMeFOSE	1.0881 1.0329	1.0496 0.9878	1.1698	1.0034	1.0221	AveI D		1.050 5			5.9		20.0				
NMeFOSA	0.7962 0.9304	0.8825 0.9428	0.9539	0.9332	0.9675	AveI D		0.915 2			6.4		20.0				
Perfluorododecanesulfonic acid	0.6797 0.7468	0.6384 0.7276	0.6947	0.6783	0.7375	AveI D		0.700 4			5.5		20.0				
NEtFOSE	1.1778 1.0160	1.1080 1.0061	1.1239	1.0447	1.1261	AveI D		1.086 1			5.9		20.0				
Perfluorotridecanoic acid	0.8844 0.7416	0.8037 0.7297	0.8854	0.7848	0.8152	AveI D		0.806 4			7.7		20.0				
NEtFOSA	0.9280 1.0441	1.0229 1.0403	1.0306	0.9844	1.0905	AveI D		1.020 1			5.0		20.0				
Perfluorotetradecanoic acid	1.1658 0.9061	1.0055 0.8575	1.0684	0.9352	0.9266	AveI D		0.980 7			10.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Perfluorohexadecanoic acid	0.4779 0.3825	0.4038 0.3558	0.4283	0.3815	0.3901	AveI D		0.402 8			9.9		20.0				
Perfluorooctadecanoic acid	0.2175 0.2139	0.2023 0.2085	0.2341	0.2090	0.2257	AveI D		0.215 9			5.1		20.0				
13C4 PFBA	1.0966 1.0849	1.1189 1.1176	1.0900	1.1238	1.0986	Ave		1.104 3			1.4		20.0				
13C5 PFPeA	1.2780 1.2306	1.2889 1.2973	1.2491	1.2828	1.2530	Ave		1.268 5			1.9		20.0				
13C3 PFBS	1.2400 1.2878	1.2553 1.2980	1.2227	1.2599	1.2514	Ave		1.259 3			2.1		20.0				
M2-4:2 FTS	0.1655 0.1188	0.1590 +++++	0.1440	0.1400	0.1354	Ave		0.143 8			11.7		20.0				
13C5 PFHxA	1.1344 1.1718	1.1836 1.1143	1.1188	1.1694	1.1669	Ave		1.151 3			2.4		20.0				
13C3 HFPO-DA	0.0324 0.0260	0.0303 0.0270	0.0268	0.0274	0.0277	Ave		0.028 2			8.1		20.0				
13C3 PFHxS	0.7397 0.6758	0.7572 0.6053	0.7108	0.7338	0.7208	Ave		0.706 2			7.3		20.0				
13C4 PFHpA	1.4144 1.1737	1.4422 1.0669	1.3484	1.3671	1.2970	Ave		1.301 4			10.4		20.0				
13C2-2H-Perfluoro-2-octenoic acid	0.8363 0.8547	0.8795 0.8459	0.8088	0.8748	0.8274	Ave		0.846 8			3.0		20.0				
13C2-2-Perfluorohexylethanoic acid	0.0565 0.0471	0.0589 0.0467	0.0595	0.0605	0.0590	Ave		0.055 4			10.8		20.0				
M2-6:2 FTS	0.0383 0.0345	0.0387 0.0306	0.0356	0.0388	0.0346	Ave		0.035 9			8.3		20.0				
13C8 PFOA	1.3500 1.2326	1.3982 1.2102	1.3179	1.3421	1.2895	Ave		1.305 8			5.1		20.0				
13C8 PFOS	1.0229 1.0260	1.0790 1.0468	1.0348	1.0691	1.0121	Ave		1.041 5			2.4		20.0				
13C9 PFNA	1.2432 1.2652	1.3663 1.3039	1.2814	1.3300	1.2925	Ave		1.297 5			3.2		20.0				
13C2-2H-Perfluoro-2-decenoic acid	0.9409 0.8710	0.9567 0.8620	0.8514	0.8693	0.8548	Ave		0.886 6			4.9		20.0				
13C2-2-Perfluorooctylethanoic acid	0.0404 0.0304	0.0395 0.0332	0.0377	0.0389	0.0361	Ave		0.036 6			10.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
13C6 PFDA	0.9592 0.9527	0.9856 0.9837	0.9367	0.9767	0.9769	Ave		0.967 3			1.9		20.0				
M2-8:2 FTS	0.0203 0.0182	0.0220 0.0176	0.0205	0.0211	0.0207	Ave		0.020 1			7.9		20.0				
13C8 FOSA	0.7917 0.9157	0.8301 0.9776	0.7886	0.8327	0.8795	Ave		0.859 4			8.0		20.0				
d3-NMeFOSAA	0.2627 0.2983	0.2609 0.3290	0.2592	0.2736	0.2836	Ave		0.281 1			9.1		20.0				
13C7 PFOA	1.2839 1.2738	1.3342 1.2502	1.2514	1.3557	1.3202	Ave		1.295 6			3.2		20.0				
d5-NEtFOSAA	0.2321 0.2387	0.2477 0.2476	0.2351	0.2456	0.2409	Ave		0.241 1			2.6		20.0				
13C2-2H-Perfluoro-2-dodecenoic acid	0.9174 0.9731	0.9870 0.9552	0.9507	0.9856	0.9400	Ave		0.958 4			2.6		20.0				
13C2-2-Perfluorodecylethanoic acid	0.0300 0.0266	0.0326 0.0247	0.0296	0.0305	0.0314	Ave		0.029 3			9.4		20.0				
13C2-PFDoDA	0.9780 1.1107	1.0268 1.1595	0.9679	1.0075	1.0431	Ave		1.041 9			6.7		20.0				
d7-N-MeFOSE-M	0.1455 0.1742	0.1479 0.1914	0.1377	0.1550	0.1668	Ave		0.159 8			11.7		20.0				
d3-NMePFOSA	0.0887 0.1109	0.0947 0.1294	0.0900	0.0947	0.1020	Ave		0.101 5			14.3		20.0				
d9-N-EtFOSE-M	0.1644 0.1955	0.1724 0.2048	0.1750	0.1790	0.1779	Ave		0.181 3			7.7		20.0				
d5-NEtPFOSA	0.0894 0.1046	0.0933 0.1181	0.0898	0.0953	0.0970	Ave		0.098 2			10.3		20.0				
13C2 PFTeDA	0.5228 0.6368	0.5518 0.7376	0.5205	0.5768	0.5958	Ave		0.591 7			12.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-280978/1	22JUL31MCAL-22.d
Level 2	IC 410-280978/2	22JUL31MCAL-23.d
Level 3	IC 410-280978/3	22JUL31MCAL-24.d
Level 4	IC 410-280978/4	22JUL31MCAL-25.d
Level 5	ICISAV 410-280978/5	22JUL31MCAL-26.d
Level 6	IC 410-280978/6	22JUL31MCAL-27.d
Level 7	IC 410-280978/7	22JUL31MCAL-28.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
PPF Acid		AveI D	48485	115402	475878	1924929	4687359	0.200	0.500	2.00	8.00	20.0
			11096930	20858972				50.0	100			
PFMOAA		AveI D	42389	100529	399545	1614109	4013929	0.200	0.500	2.00	8.00	20.0
			9398658	17615680				50.0	100			
R-EVE		AveI D	27002	65614	261329	1027288	2467433	0.200	0.500	2.00	8.00	20.0
			5391230	9754029				50.0	100			
R-PSDA		AveI D	5917	15413	62182	246424	592213	0.200	0.500	2.00	8.00	20.0
			1412964	2638483				50.0	100			
Perfluorobutanoic acid		AveI D	98830	230951	898693	3187036	7889428	0.200	0.500	2.00	8.00	20.0
			17630325	31330374				50.0	100			
Hydrolyzed PSDA		AveI D	40754	99397	388310	1685981	3982574	0.200	0.500	2.00	8.00	20.0
			8885791	15872150				50.0	100			
PMPA		AveI D	36607	82398	347020	1353421	3329903	0.200	0.500	2.00	8.00	20.0
			7476429	13703480				50.0	100			
Perfluoropropanesulfonic acid		AveI D	24769	58362	227485	894290	2214695	0.183	0.458	1.83	7.33	18.3
			5001621	8819898				45.8	91.6			
NVHOS		AveI D	30184	72374	297096	1195047	2867065	0.200	0.500	2.00	8.00	20.0
			6313932	10954191				50.0	100			

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PFECA F		AveI D	97029	230950	936768	3348239	7882668	0.200	0.500	2.00	8.00	20.0
			17276013	29110676				50.0	100			
PFO2HxA		AveI D	15599	38911	143698	592852	1541475	0.200	0.500	2.00	8.00	20.0
			3759611	6474459				50.0	100			
3:3 FTCA		AveI D	4888	10435	45738	173059	420019	0.200	0.500	2.00	8.00	20.0
			982214	1810449				50.0	100			
Perfluoropentanoic acid		AveI D	115592	255371	1051047	3789725	9124624	0.200	0.500	2.00	8.00	20.0
			20535358	35770012				50.0	100			
Perfluorobutanesulfonic acid		AveI D	105441	237659	971915	3393347	8432800	0.177	0.443	1.77	7.08	17.7
			19784711	34736473				44.3	88.5			
PEPA		AveI D	11829	27572	114809	437845	1111131	0.200	0.500	2.00	8.00	20.0
			2393104	4270691				50.0	100			
PFECA A		AveI D	83992	194430	798320	3030157	7505318	0.200	0.500	2.00	8.00	20.0
			17895655	31639652				50.0	100			
Perfluoro (2-ethoxyethane) sulfonic acid		AveI D	299589	686287	2827717	10390200	24981696	0.178	0.445	1.78	7.12	17.8
			59373652	103674159				44.5	89.0			
PFECA B		AveI D	74077	195026	819460	3076589	7750305	0.200	0.500	2.00	8.00	20.0
			18576692	32463066				50.0	100			
4:2 Fluorotelomer sulfonic acid		AveI D	49961	105803	423654	1464056	3418519	0.187	0.467	1.87	7.47	18.7
			6904407	+++++				46.7	+++++			
Perfluorohexanoic acid		AveI D	120755	261720	1046676	3655575	9084886	0.200	0.500	2.00	8.00	20.0
			20913640	36851375				50.0	100			
Perfluoropentanesulfonic acid		AveI D	95314	209913	867672	3130047	7880329	0.188	0.469	1.88	7.50	18.8
			17148702	29831807				46.9	93.8			

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PFO3OA		AveI D	16633	34105	148016	587487	1467229	0.200	0.500	2.00	8.00	20.0
			3554312	5599523				50.0	100			
HFPODA		AveI D	11724	32100	147441	465700	1341530	0.200	0.500	2.00	8.00	20.0
			3129706	5688026				50.0	100			
Hydro-EVE Acid		AveI D	186502	444892	1767899	6877100	16413856	0.200	0.500	2.00	8.00	20.0
			36020001	62431433				50.0	100			
R-PSDCA		AveI D	303605	746434	2968340	11554349	27623518	0.200	0.500	2.00	8.00	20.0
			61892419	106221452				50.0	100			
Hydro-PS Acid		AveI D	152038	395069	1558641	6146288	14958239	0.200	0.500	2.00	8.00	20.0
			34301486	60598825				50.0	100			
Perfluoroheptanoic acid		AveI D	170736	405380	1667655	5520711	12837889	0.200	0.500	2.00	8.00	20.0
			26516170	40233136				50.0	100			
Perfluorohexanesulfonic acid		AveI D	89064	198897	826147	2890483	6911848	0.182	0.456	1.82	7.30	18.2
			15559652	26429775				45.6	91.2			
PFO4DA		AveI D	142890	341618	1343273	4786430	11009752	0.200	0.500	2.00	8.00	20.0
			24269060	39569997				50.0	100			
DONA		AveI D	183467	446828	1845767	6431691	15808270	0.189	0.473	1.89	7.56	18.9
			34522498	60166699				47.3	94.5			
PFECA G		AveI D	265181	651323	2593969	9823167	22759063	0.200	0.500	2.00	8.00	20.0
			48423632	80930893				50.0	100			
5:3 FTCA		AveI D	27054	63630	258176	923832	2233203	0.200	0.500	2.00	8.00	20.0
			4823744	8277681				50.0	100			
6:2 FTUCA		AveI D	143978	352874	1419428	5130399	11511776	0.200	0.500	2.00	8.00	20.0
			26174287	43526359				50.0	100			

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
6:2 FTCA		AveI D	7996	19828	77179	269869	665529	0.200	0.500	2.00	8.00	20.0
			1295440	2194500				50.0	100			
PS Acid		AveI D	64966	152556	602840	2365404	5751273	0.200	0.500	2.00	8.00	20.0
			12608366	21668975				50.0	100			
EVE Acid		AveI D	238871	558849	2272470	8531607	19775934	0.200	0.500	2.00	8.00	20.0
			41724537	69006524				50.0	100			
Perfluoro-4-ethylcyclohexanesulfonic acid		AveI D	131138	296374	1215568	4613613	11098526	0.184	0.461	1.84	7.38	18.4
			26273111	46715634				46.1	92.2			
6:2 Fluorotelomer sulfonic acid		AveI D	24813	47488	185300	665861	1603687	0.190	0.474	1.90	7.58	19.0
			3331042	5408472				47.4	94.8			
Perfluoroheptanesulfonic acid		AveI D	77283	181422	706226	2498411	6276745	0.190	0.476	1.90	7.62	19.0
			13747395	23519952				47.6	95.2			
Perfluorooctanoic acid		AveI D	126480	281148	1147938	3887734	9489585	0.200	0.500	2.00	8.00	20.0
			21756405	37820050				50.0	100			
TAF		AveI D	9828	24874	106782	401280	1022739	0.200	0.500	2.00	8.00	20.0
			2004065	3959151				50.0	100			
Perfluorooctanesulfonic acid		AveI D	73212	172108	673360	2393607	6198854	0.185	0.463	1.85	7.40	18.5
			14554480	26421377				46.3	92.6			
Perfluorononanoic acid		AveI D	93740	213263	918563	3143813	7519179	0.200	0.500	2.00	8.00	20.0
			17255697	29337377				50.0	100			
7:3 FTCA		AveI D	23483	51326	226085	795737	1938584	0.200	0.500	2.00	8.00	20.0
			4375645	7742546				50.0	100			
8:2 FTUCA		AveI D	136219	300071	1175398	4113990	9073167	0.200	0.500	2.00	8.00	20.0
			20518011	34456072				50.0	100			

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
8:2 FTCA		AveI D	4998	11274	51920	177977	417096	0.200	0.500	2.00	8.00	20.0
			770787	1313346				50.0	100			
9Cl-PF3ONS		AveI D	130023	304498	1268374	4573355	11332381	0.186	0.465	1.86	7.44	18.6
			27829203	49848500				46.5	93.0			
Perfluorononanesulfonic acid		AveI D	76086	197233	813450	2909352	7449589	0.192	0.480	1.92	7.68	19.2
			17133215	28676589				48.0	96.0			
Perfluorodecanoic acid		AveI D	110773	255705	1029347	3578732	8337537	0.200	0.500	2.00	8.00	20.0
			18427428	31435947				50.0	100			
8:2 Fluorotelomer sulfonic acid		AveI D	17673	48940	203529	688258	1649462	0.192	0.479	1.92	7.66	19.2
			3291628	5233315				47.9	95.8			
Perfluorooctanesulfonamide		AveI D	112165	279986	1125444	3923843	9833488	0.200	0.500	2.00	8.00	20.0
			22910324	42013604				50.0	100			
NMeFOSAA		AveI D	34447	72519	316079	1120581	2848686	0.200	0.500	2.00	8.00	20.0
			6492428	12217649				50.0	100			
Perfluorodecanesulfonic acid		AveI D	83055	185002	732718	2826335	7053941	0.193	0.482	1.93	7.71	19.3
			15951466	28527935				48.2	96.4			
Perfluoroundecanoic acid		AveI D	133555	325992	1323989	4531882	11091427	0.200	0.500	2.00	8.00	20.0
			23315759	38649489				50.0	100			
NEtFOSAA		AveI D	26818	64979	264880	978947	2330434	0.200	0.500	2.00	8.00	20.0
			5466527	9194805				50.0	100			
10:2 FTUCA		AveI D	124538	282881	1123776	4165421	9310247	0.200	0.500	2.00	8.00	20.0
			21434611	34291553				50.0	100			
11Cl-PF3OUdS		AveI D	88896	217297	880483	3173164	7956656	0.186	0.465	1.86	7.44	18.6
			19400646	34453016				46.5	93.0			

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
10:2 FTCA		AveI D	2585	10960	37055	120176	280328	0.200	0.500	2.00	8.00	20.0
			534696	846688				50.0	100			
Perfluorododecanoic acid		AveI D	139996	341669	1343575	4726946	11470707	0.200	0.500	2.00	8.00	20.0
			25541809	43855257				50.0	100			
10:2 FTS		AveI D	19041	50308	199670	718481	1765975	0.193	0.482	1.93	7.71	19.3
			3794351	6358668				48.2	96.4			
NMeFOSE		AveI D	20874	48597	207077	747902	1936373	0.200	0.500	2.00	8.00	20.0
			4661938	8286889				50.0	100			
NMeFOSA		AveI D	9310	26156	110281	424883	1121267	0.200	0.500	2.00	8.00	20.0
			2674962	5347070				50.0	100			
Perfluorododecanesulfonic acid		AveI D	47445	108992	464917	1761255	4658015	0.194	0.484	1.94	7.74	19.4
			10889697	19229470				48.4	96.8			
NEtFOSE		AveI D	25536	59815	252805	899269	2275089	0.200	0.500	2.00	8.00	20.0
			5145921	9032215				50.0	100			
Perfluorotridecanoic acid		AveI D	114068	258399	1101445	3803159	9657956	0.200	0.500	2.00	8.00	20.0
			21343781	37084465				50.0	100			
NEtFOSA		AveI D	10947	29874	119009	451271	1201393	0.200	0.500	2.00	8.00	20.0
			2830070	5383288				50.0	100			
Perfluorotetradecanoic acid		AveI D	80386	173740	714688	2594666	6270180	0.200	0.500	2.00	8.00	20.0
			14952819	27722992				50.0	100			
Perfluorohexadecanoic acid		AveI D	32949	69770	286539	1058435	2639483	0.200	0.500	2.00	8.00	20.0
			6312445	11503675				50.0	100			
Perfluorooctadecanoic acid		AveI D	14996	34959	156608	579818	1527415	0.200	0.500	2.00	8.00	20.0
			3529472	6739366				50.0	100			

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
13C4 PFBA	13C3 PFBA	Ave	4580998	4495666	4452101	4348920	4257008	10.0	10.0	10.0	10.0	10.0
			3857191	3499710					10.0	10.0		
13C5 PFPeA	13C3 PFBA	Ave	5338761	5178844	5102131	4964312	4855152	10.0	10.0	10.0	10.0	10.0
			4375018	4062629					10.0	10.0		
13C3 PFBS	13C3 PFBA	Ave	4817771	4690703	4644475	4534366	4509527	9.30	9.30	9.30	9.30	9.30
			4258112	3780341					9.30	9.30		
M2-4:2 FTS	13PF OA	Ave	883337	801100	748310	699565	659534	9.34	9.34	9.34	9.34	9.34
			533768	+++++					9.34	+++++		
13C5 PFHxA	13PF OA	Ave	6483659	6385698	6226087	6257014	6087399	10.0	10.0	10.0	10.0	10.0
			5637525	4831395					10.0	10.0		
13C3 HFPO-DA	13PF OA	Ave	185271	163467	149154	146665	144412	10.0	10.0	10.0	10.0	10.0
			124994	117256					10.0	10.0		
13C3 PFHxS	13PF OA	Ave	3999849	3864397	3742081	3714539	3557177	9.46	9.46	9.46	9.46	9.46
			3075912	2482739					9.46	9.46		
13C4 PFHpA	13PF OA	Ave	8084474	7781023	7503668	7315082	6766531	10.0	10.0	10.0	10.0	10.0
			5646816	4626087					10.0	10.0		
13C2-2H-Perfluoro-2-octenoic acid	13PF OA	Ave	4779844	4745024	4500845	4680600	4316420	10.0	10.0	10.0	10.0	10.0
			4111946	3667755					10.0	10.0		
13C2-2-Perfluorohexylethanoic acid	13PF OA	Ave	322821	317503	330881	323487	307831	10.0	10.0	10.0	10.0	10.0
			226427	202322					10.0	10.0		
M2-6:2 FTS	13PF OA	Ave	208119	198289	188181	197050	171491	9.50	9.50	9.50	9.50	9.50
			157865	126137					9.50	9.50		
13C8 PFOA	13PF OA	Ave	7716176	7543145	7333729	7181368	6727323	10.0	10.0	10.0	10.0	10.0
			5930310	5247286					10.0	10.0		

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1

Analy Batch No.: 280978

SDG No.:

Instrument ID: 30730

GC Column: Gemini C18 ID: 3(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24

Calibration End Date: 07/31/2022 16:30

Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
13C8 PFOS	PFOS	Ave	3446705 2880122	3372383 2610253	3304745	3205260	3118907	9.56 9.56	9.56 9.56	9.56	9.56	9.56
13C9 PFNA	PFOS	Ave	4381753 3714853	4466889 3401163	4280709	4170816	4166149	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2-2H-Perfluoro-2-decenoic acid	PFDA	Ave	6204580 4513782	5991485 3778501	5471115	5226422	4854432	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2-2-Perfluorooctylethanoic acid	PFDA	Ave	266566 157292	247642 145696	242348	233849	205133	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C6 PFDA	PFDA	Ave	6324906 4937222	6172245 4311929	6019141	5872063	5547496	10.0 10.0	10.0 10.0	10.0	10.0	10.0
M2-8:2 FTS	PFDA	Ave	128022 90125	132004 74068	126381	121393	112793	9.58 9.58	9.58 9.58	9.58	9.58	9.58
13C8 FOSA	PFDA	Ave	5220328 4745520	5198517 4285217	5067830	5006657	4994172	10.0 10.0	10.0 10.0	10.0	10.0	10.0
d3-NMeFOSAA	PFDA	Ave	1732278 1546113	1634117 1442279	1665572	1645087	1610535	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C7 PFUnA	PFDA	Ave	8465880 6601432	8354932 5480060	8042025	8150731	7496941	10.0 10.0	10.0 10.0	10.0	10.0	10.0
d5-NEtFOSAA	PFDA	Ave	1530417 1237067	1551350 1085102	1510884	1476799	1367835	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2-2H-Perfluoro-2-dodecenoic acid	PFDA	Ave	6049377 5043268	6180619 4186885	6109197	5925805	5337757	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2-2-Perfluorodecylethanoic acid	PFDA	Ave	198024 137688	204077 108159	190485	183418	178098	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2-PFDoDA	PFDA	Ave	6448803 5756213	6429952 5082266	6220125	6057507	5923367	10.0 10.0	10.0 10.0	10.0	10.0	10.0
d7-N-MeFOSE-M	PFDA	Ave	959172 902723	925978 838912	885089	931683	947237	10.0 10.0	10.0 10.0	10.0	10.0	10.0
d3-NMePFOSA	PFDA	Ave	584670 574987	592781 567165	578043	569098	579458	10.0 10.0	10.0 10.0	10.0	10.0	10.0
d9-N-EtFOSE-M	PFDA	Ave	1084044 1013000	1079702 897738	1124666	1075950	1010167	10.0 10.0	10.0 10.0	10.0	10.0	10.0

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
d5-NEtPFOSA	PFDA	Ave	589806 542117	584087 517482	577394	573016	550836	10.0 10.0	10.0 10.0	10.0	10.0	10.0
13C2 PFTeDA	PFDA	Ave	3447577 3300349	3455810 3233026	3344798	3467926	3383512	10.0 10.0	10.0 10.0	10.0	10.0	10.0

Curve Type Legend

Ave = Average ISTD
 AveID = Average isotope dilution

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-280978/1	22JUL31MCAL-22.d
Level 2	IC 410-280978/2	22JUL31MCAL-23.d
Level 3	IC 410-280978/3	22JUL31MCAL-24.d
Level 4	IC 410-280978/4	22JUL31MCAL-25.d
Level 5	ICISAV 410-280978/5	22JUL31MCAL-26.d
Level 6	IC 410-280978/6	22JUL31MCAL-27.d
Level 7	IC 410-280978/7	22JUL31MCAL-28.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PPF Acid	-3.8 8.3	-6.7	-2.9	0.5	0.0	4.6	50 30	30	30	30	30	30
PFMOAA	-1.4 7.3	-4.7	-4.4	-1.1	0.5	3.9	50 30	30	30	30	30	30
R-EVE	2.0 -3.6	1.0	1.5	2.1	0.3	-3.3	50 30	30	30	30	30	30
R-PSDA	-7.3 5.3	-0.8	1.0	2.5	-0.9	0.2	50 30	30	30	30	30	30
Perfluorobutanoic acid	11.6 -7.4	6.3	4.4	-5.2	-4.2	-5.4	50 30	30	30	30	30	30
Hydrolyzed PSDA	-1.6 -2.3	-1.4	-2.7	8.1	2.7	-2.9	50 30	30	30	30	30	30
PMPA	3.0 0.9	-5.5	0.5	0.3	0.8	-0.1	50 30	30	30	30	30	30
Perfluoropropanesulfonic acid	4.3 -2.7	0.2	-1.4	-0.8	0.4	0.1	50 30	30	30	30	30	30
NVHOS	0.8 -6.8	-0.7	2.9	6.0	2.3	-4.6	50 30	30	30	30	30	30
PFECA F	9.8 -13.8	6.5	9.0	-0.3	-4.0	-7.2	50 30	30	30	30	30	30
PFO2HxA	-3.6 4.8	-2.0	-8.6	-3.5	2.5	10.4	50 30	30	30	30	30	30
3:3 FTCA	4.3 1.5	-8.2	2.1	-0.7	-1.4	2.3	50 30	30	30	30	30	30
Perfluoropentanoic acid	11.2 -9.5	1.3	5.8	-1.9	-3.4	-3.5	50 30	30	30	30	30	30
Perfluorobutanesulfonic acid	11.5 -6.4	3.2	6.6	-4.7	-4.8	-5.3	50 30	30	30	30	30	30

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PEPA	2.3 -3.3	-2.8	2.2	-0.3	3.4	-1.7	50 30	30	30	30	30	30
PFECA A	3.3 -0.8	-1.7	1.9	-1.0	-1.4	-0.4	50 30	30	30	30	30	30
Perfluoro (2-ethoxyethane) sulfonic acid	7.5 -5.2	1.2	5.3	-1.0	-4.2	-3.6	50 30	30	30	30	30	30
PFECA B	-9.1 1.5	-1.7	4.3	0.3	1.6	3.1	50 30	30	30	30	30	30
4:2 Fluorotelomer sulfonic acid	5.4 ++++	-1.5	5.5	-2.5	-3.4	-3.6	50	30	30	30	30	30
Perfluorohexanoic acid	17.0 -4.2	3.0	5.6	-8.3	-6.3	-6.8	50 30	30	30	30	30	30
Perfluoropentanesulfonic acid	12.6 -10.2	1.9	6.3	-1.8	-0.5	-8.3	50 30	30	30	30	30	30
PFO3OA	7.2 -5.5	-10.4	-1.8	-0.3	1.8	8.9	50 30	30	30	30	30	30
HFPODA	-27.4 11.3	-9.9	13.4	-8.9	6.6	14.9	50 30	30	30	30	30	30
Hydro-EVE Acid	5.1 -7.9	2.2	2.5	2.1	-0.5	-3.6	50 30	30	30	30	30	30
R-PSDCA	2.6 -8.5	3.6	4.1	3.7	-0.3	-5.3	50 30	30	30	30	30	30
Hydro-PS Acid	-4.0 -2.5	2.5	2.1	3.1	0.9	-2.0	50 30	30	30	30	30	30
Perfluoroheptanoic acid	7.0 -11.9	5.6	12.6	-4.4	-3.9	-4.9	50 30	30	30	30	30	30
Perfluorohexanesulfonic acid	7.2 2.5	-0.8	6.3	-6.3	-6.4	-2.5	50 30	30	30	30	30	30
PFO4DA	13.2 -17.9	10.3	9.5	-0.2	-6.2	-8.7	50 30	30	30	30	30	30
DONA	-4.3 9.6	-3.2	3.7	-7.3	-1.5	3.1	50 30	30	30	30	30	30
PFECA G	6.5 -14.9	6.6	7.2	3.9	-1.6	-7.6	50 30	30	30	30	30	30
5:3 FTCA	-0.4 6.5	-2.6	2.4	-6.0	-1.7	1.7	50 30	30	30	30	30	30
6:2 FTUCA	8.3 -14.7	7.0	13.4	-1.5	-4.1	-8.4	50 30	30	30	30	30	30

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
6:2 FTCA	8.3 -5.2	9.2	2.0	-8.8	-5.5	0.0	50 30	30	30	30	30	30
PS Acid	6.6 -9.4	2.8	2.6	3.1	0.8	-6.4	50 30	30	30	30	30	30
EVE Acid	10.2 -16.6	5.1	7.9	3.7	-1.8	-8.5	50 30	30	30	30	30	30
Perfluoro-4-ethylcyclohexanesulfonic acid	-0.2 14.5	-6.6	-1.1	-5.5	-5.0	4.0	50 30	30	30	30	30	30
6:2 Fluorotelomer sulfonic acid	26.1 -9.3	1.3	4.2	-10.6	-1.1	-10.7	50 30	30	30	30	30	30
Perfluoroheptanesulfonic acid	5.5 3.4	2.5	3.0	-8.2	-3.7	-2.4	50 30	30	30	30	30	30
Perfluorooctanoic acid	10.7 -2.7	0.7	5.7	-8.6	-4.8	-0.9	50 30	30	30	30	30	30
TAF	-5.0 0.2	-2.0	6.2	2.2	6.4	-8.0	50 30	30	30	30	30	30
Perfluorooctanesulfonic acid	5.4 0.5	1.3	1.1	-7.3	-1.4	0.3	50 30	30	30	30	30	30
Perfluorononanoic acid	11.2 -10.3	-0.7	11.5	-2.1	-6.2	-3.4	50 30	30	30	30	30	30
7:3 FTCA	5.2 10.7	-6.5	-1.2	-11.1	-8.9	11.8	50 30	30	30	30	30	30
8:2 FTUCA	11.2 -7.7	1.4	8.8	-0.4	-5.4	-7.9	50 30	30	30	30	30	30
8:2 FTCA	-3.0 -6.8	-5.8	10.8	-1.6	5.1	1.4	50 30	30	30	30	30	30
9Cl-PF3ONS	1.1 2.4	-3.2	2.9	-4.4	-2.6	3.6	50 30	30	30	30	30	30
Perfluorononanesulfonic acid	-4.9 -5.3	0.8	6.1	-2.2	2.9	2.5	50 30	30	30	30	30	30
Perfluorodecanoic acid	10.5 -8.0	4.5	7.9	-3.9	-5.2	-5.8	50 30	30	30	30	30	30
8:2 Fluorotelomer sulfonic acid	-5.5 -3.3	1.5	10.2	-3.0	0.1	0.0	50 30	30	30	30	30	30
Perfluorooctanesulfonamide	4.9 -4.3	5.1	8.4	-4.4	-3.9	-5.8	50 30	30	30	30	30	30
NMeFOSAA	11.3 -5.2	-0.6	6.2	-4.7	-1.0	-6.0	50 30	30	30	30	30	30

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Perfluorodecanesulfonic acid	7.5 -2.5	-2.1	-1.1	-1.6	0.9	-1.2	50 30	30	30	30	30	30
Perfluoroundecanoic acid	5.4 -5.8	4.3	10.0	-7.1	-1.2	-5.6	50 30	30	30	30	30	30
NEtFOSAA	2.2 -1.2	-2.3	2.2	-3.4	-0.6	3.1	50 30	30	30	30	30	30
10:2 FTUCA	14.7 -8.8	2.0	2.4	-2.1	-2.9	-5.3	50 30	30	30	30	30	30
11Cl-PF3OUds	-0.7 1.6	-0.8	2.6	-4.7	-1.8	3.7	50 30	30	30	30	30	30
10:2 FTCA	-22.1 -6.6	28.2	16.1	-2.2	-6.1	-7.3	50 30	30	30	30	30	30
Perfluorododecanoic acid	9.8 -12.7	7.5	9.2	-1.4	-2.1	-10.3	50 30	30	30	30	30	30
10:2 FTS	-5.7 8.9	-3.3	0.2	-6.2	-0.7	6.8	50 30	30	30	30	30	30
NMeFOSE	3.6 -6.0	-0.1	11.4	-4.5	-2.7	-1.7	50 30	30	30	30	30	30
NMeFOSA	-13.0 3.0	-3.6	4.2	2.0	5.7	1.7	50 30	30	30	30	30	30
Perfluorododecanesulfonic acid	-3.0 3.9	-8.9	-0.8	-3.2	5.3	6.6	50 30	30	30	30	30	30
NEtFOSE	8.4 -7.4	2.0	3.5	-3.8	3.7	-6.5	50 30	30	30	30	30	30
Perfluorotridecanoic acid	9.7 -9.5	-0.3	9.8	-2.7	1.1	-8.0	50 30	30	30	30	30	30
NEtFOSA	-9.0 2.0	0.3	1.0	-3.5	6.9	2.3	50 30	30	30	30	30	30
Perfluorotetradecanoic acid	18.9 -12.6	2.5	8.9	-4.6	-5.5	-7.6	50 30	30	30	30	30	30
Perfluorohexadecanoic acid	18.6 -11.7	0.2	6.3	-5.3	-3.2	-5.0	50 30	30	30	30	30	30
Perfluorooctadecanoic acid	0.8 -3.4	-6.3	8.5	-3.2	4.6	-0.9	50 30	30	30	30	30	30
13C4 PFBA	-0.7 1.2	1.3	-1.3	1.8	-0.5	-1.8	30 30	30	30	30	30	30
13C5 PFPeA	0.7 2.3	1.6	-1.5	1.1	-1.2	-3.0	30 30	30	30	30	30	30

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
13C3 PFBS	-1.5 3.1	-0.3	-2.9	0.0	-0.6	2.3	30 30	30	30	30	30	30
M2-4:2 FTS	15.1 +++++	10.6	0.2	-2.6	-5.8	-17.4	30	30	30	30	30	30
13C5 PFHxA	-1.5 -3.2	2.8	-2.8	1.6	1.4	1.8	30 30	30	30	30	30	30
13C3 HFPO-DA	14.8 -4.2	7.3	-5.1	-2.9	-2.0	-8.0	30 30	30	30	30	30	30
13C3 PFHxS	4.7 -14.3	7.2	0.7	3.9	2.1	-4.3	30 30	30	30	30	30	30
13C4 PFHpA	8.7 -18.0	10.8	3.6	5.1	-0.3	-9.8	30 30	30	30	30	30	30
13C2-2H-Perfluoro-2-octenoic acid	-1.2 -0.1	3.9	-4.5	3.3	-2.3	0.9	30 30	30	30	30	30	30
13C2-2-Perfluorohexylethanoic acid	1.9 -15.8	6.2	7.3	9.1	6.5	-15.1	30 30	30	30	30	30	30
M2-6:2 FTS	6.8 -14.6	7.8	-0.8	8.0	-3.6	-3.7	30 30	30	30	30	30	30
13C8 PFOA	3.4 -7.3	7.1	0.9	2.8	-1.2	-5.6	30 30	30	30	30	30	30
13C8 PFOS	-1.8 0.5	3.6	-0.6	2.7	-2.8	-1.5	30 30	30	30	30	30	30
13C9 PFNA	-4.2 0.5	5.3	-1.2	2.5	-0.4	-2.5	30 30	30	30	30	30	30
13C2-2H-Perfluoro-2-decenoic acid	6.1 -2.8	7.9	-4.0	-2.0	-3.6	-1.8	30 30	30	30	30	30	30
13C2-2-Perfluorooctylethanoic acid	10.4 -9.2	8.0	3.0	6.2	-1.3	-17.1	30 30	30	30	30	30	30
13C6 PFDA	-0.8 1.7	1.9	-3.2	1.0	1.0	-1.5	30 30	30	30	30	30	30
M2-8:2 FTS	1.0 -12.1	9.7	2.4	5.1	3.4	-9.5	30 30	30	30	30	30	30
13C8 FOSA	-7.9 13.8	-3.4	-8.2	-3.1	2.3	6.5	30 30	30	30	30	30	30
d3-NMeFOSAA	-6.5 17.1	-7.2	-7.8	-2.6	0.9	6.1	30 30	30	30	30	30	30
13C7 PFUnA	-0.9 -3.5	3.0	-3.4	4.6	1.9	-1.7	30 30	30	30	30	30	30

FORM VI
 PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
 READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 240-170019-1 Analy Batch No.: 280978

SDG No.: _____

Instrument ID: 30730 GC Column: Gemini C18 ID: 3 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/31/2022 15:24 Calibration End Date: 07/31/2022 16:30 Calibration ID: 41362

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
d5-NEtFOSAA	-3.7 2.7	2.7	-2.5	1.9	-0.1	-1.0	30 30	30	30	30	30	30
13C2-2H-Perfluoro-2-dodecenoic acid	-4.3 -0.3	3.0	-0.8	2.8	-1.9	1.5	30 30	30	30	30	30	30
13C2-2-Perfluorodecylethanoic acid	2.4 -15.9	11.1	1.0	4.0	6.9	-9.4	30 30	30	30	30	30	30
13C2-PFDoDA	-6.1 11.3	-1.5	-7.1	-3.3	0.1	6.6	30 30	30	30	30	30	30
d7-N-MeFOSE-M	-9.0 19.8	-7.5	-13.8	-3.0	4.4	9.0	30 30	30	30	30	30	30
d3-NMePFOSA	-12.6 27.5	-6.7	-11.4	-6.7	0.6	9.3	30 30	30	30	30	30	30
d9-N-EtFOSE-M	-9.3 13.0	-4.9	-3.5	-1.3	-1.9	7.8	30 30	30	30	30	30	30
d5-NEtPFOSA	-8.9 20.2	-5.0	-8.5	-3.0	-1.2	6.5	30 30	30	30	30	30	30
13C2 PFTeDA	-11.6 24.6	-6.7	-12.0	-2.5	0.7	7.6	30 30	30	30	30	30	30

Calibration

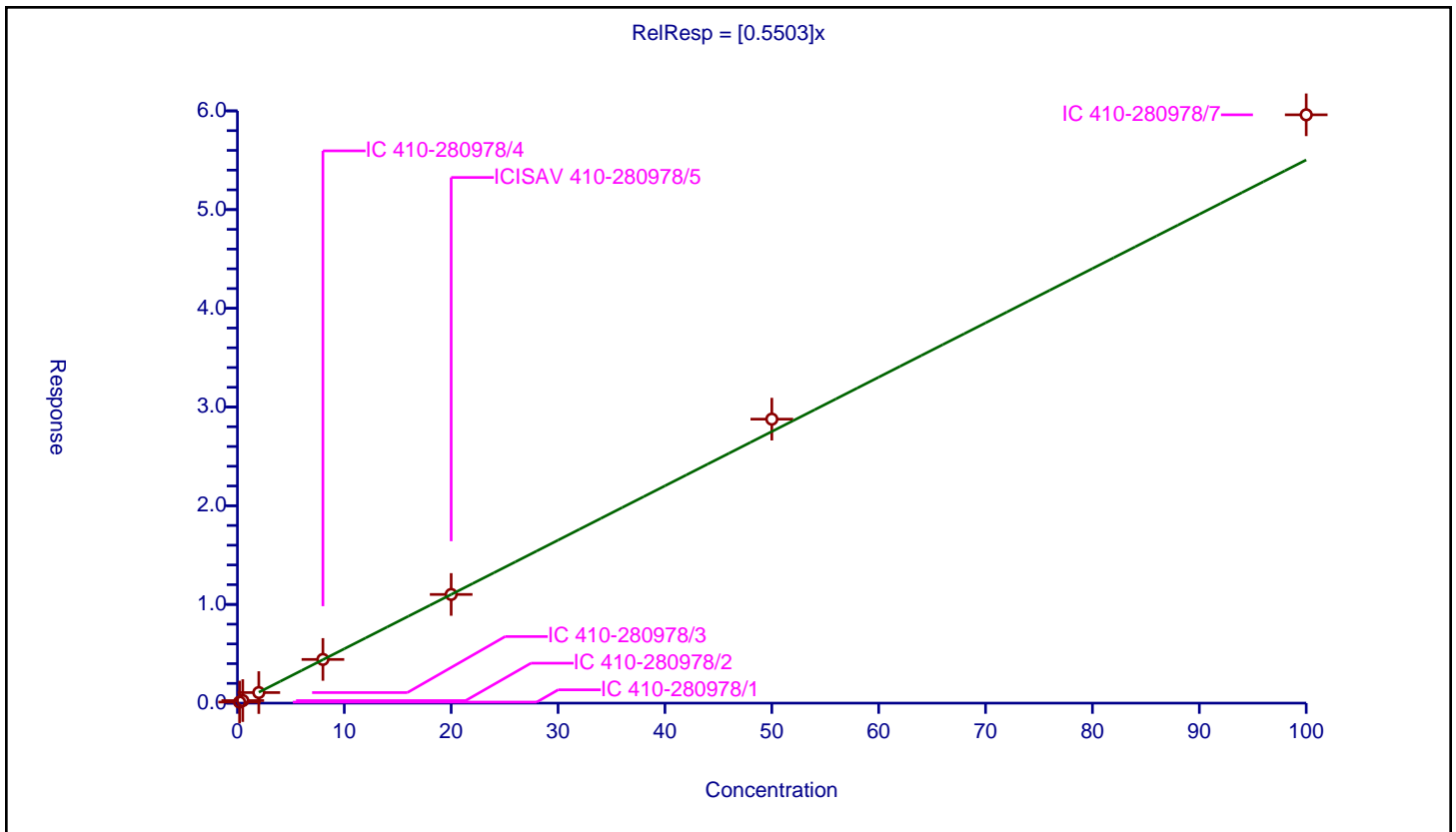
/ PPF Acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5503

Error Coefficients	
Standard Error:	9870000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.105839	10.0	4580998.0	0.529197	Y
2	IC 410-280978/2	0.5	0.256696	10.0	4495666.0	0.513392	Y
3	IC 410-280978/3	2.0	1.068884	10.0	4452101.0	0.534442	Y
4	IC 410-280978/4	8.0	4.426223	10.0	4348920.0	0.553278	Y
5	ICISAV 410-280978/5	20.0	11.010924	10.0	4257008.0	0.550546	Y
6	IC 410-280978/6	50.0	28.769459	10.0	3857191.0	0.575389	Y
7	IC 410-280978/7	100.0	59.602001	10.0	3499710.0	0.59602	Y



Calibration

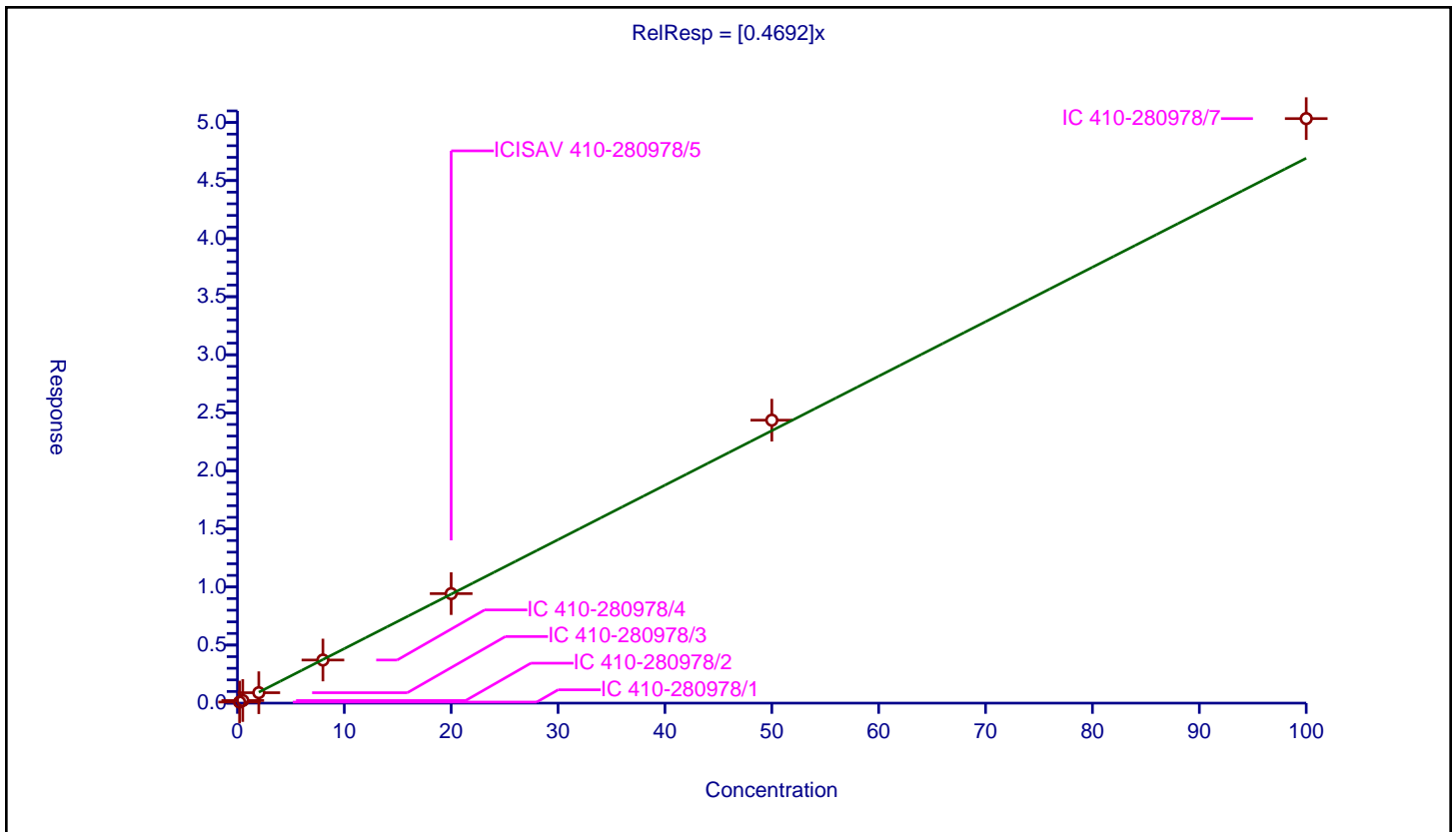
/ PFMOAA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4692

Error Coefficients	
Standard Error:	8340000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.092532	10.0	4580998.0	0.462661	Y
2	IC 410-280978/2	0.5	0.223613	10.0	4495666.0	0.447226	Y
3	IC 410-280978/3	2.0	0.89743	10.0	4452101.0	0.448715	Y
4	IC 410-280978/4	8.0	3.711517	10.0	4348920.0	0.46394	Y
5	ICISAV 410-280978/5	20.0	9.428991	10.0	4257008.0	0.47145	Y
6	IC 410-280978/6	50.0	24.366587	10.0	3857191.0	0.487332	Y
7	IC 410-280978/7	100.0	50.334685	10.0	3499710.0	0.503347	Y



Calibration

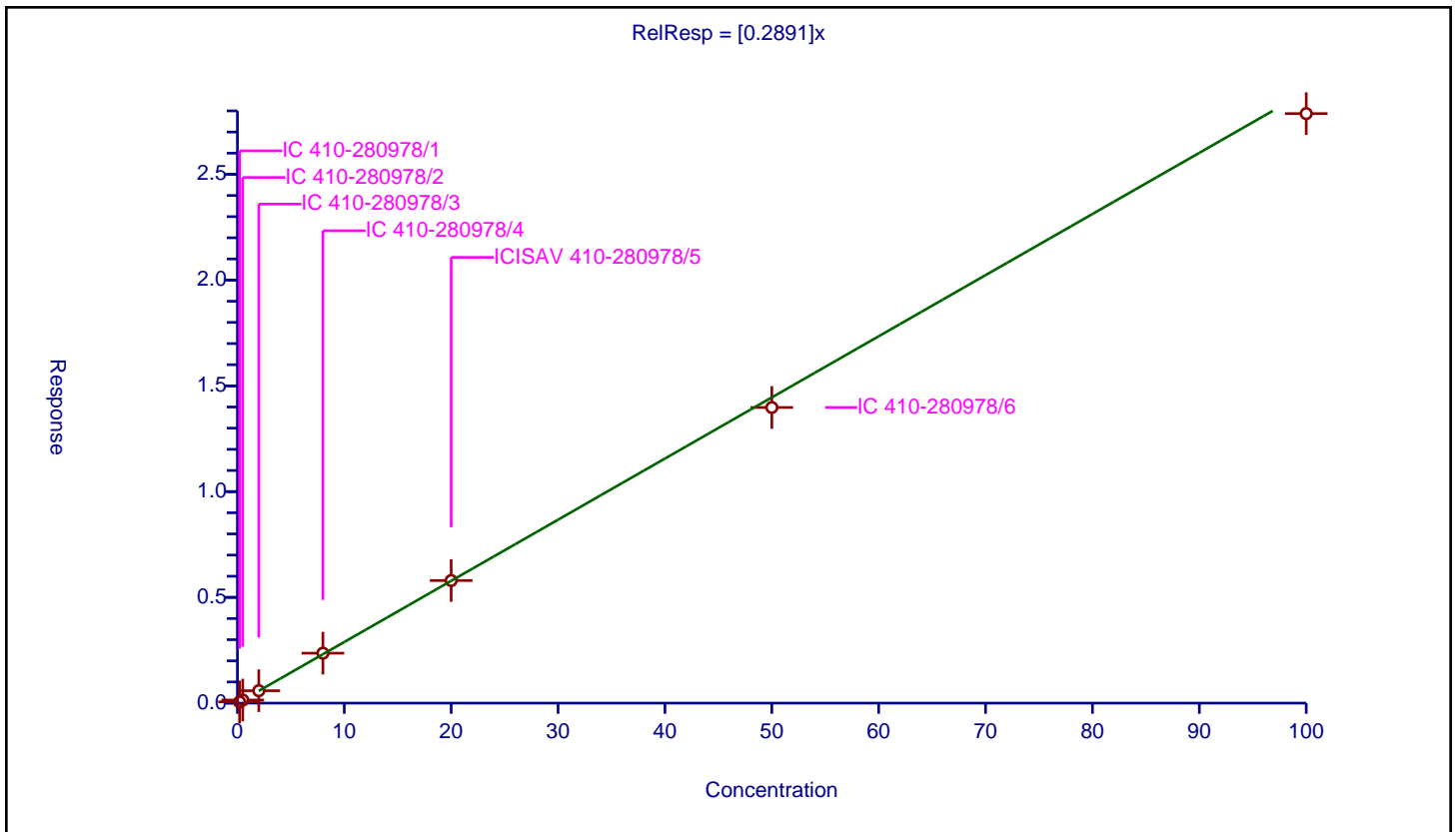
/ R-EVE

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2891

Error Coefficients	
Standard Error:	4680000
Relative Standard Error:	2.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.058943	10.0	4580998.0	0.294717	Y
2	IC 410-280978/2	0.5	0.145949	10.0	4495666.0	0.291899	Y
3	IC 410-280978/3	2.0	0.586979	10.0	4452101.0	0.29349	Y
4	IC 410-280978/4	8.0	2.362168	10.0	4348920.0	0.295271	Y
5	ICISAV 410-280978/5	20.0	5.796167	10.0	4257008.0	0.289808	Y
6	IC 410-280978/6	50.0	13.977089	10.0	3857191.0	0.279542	Y
7	IC 410-280978/7	100.0	27.870964	10.0	3499710.0	0.27871	Y



Calibration

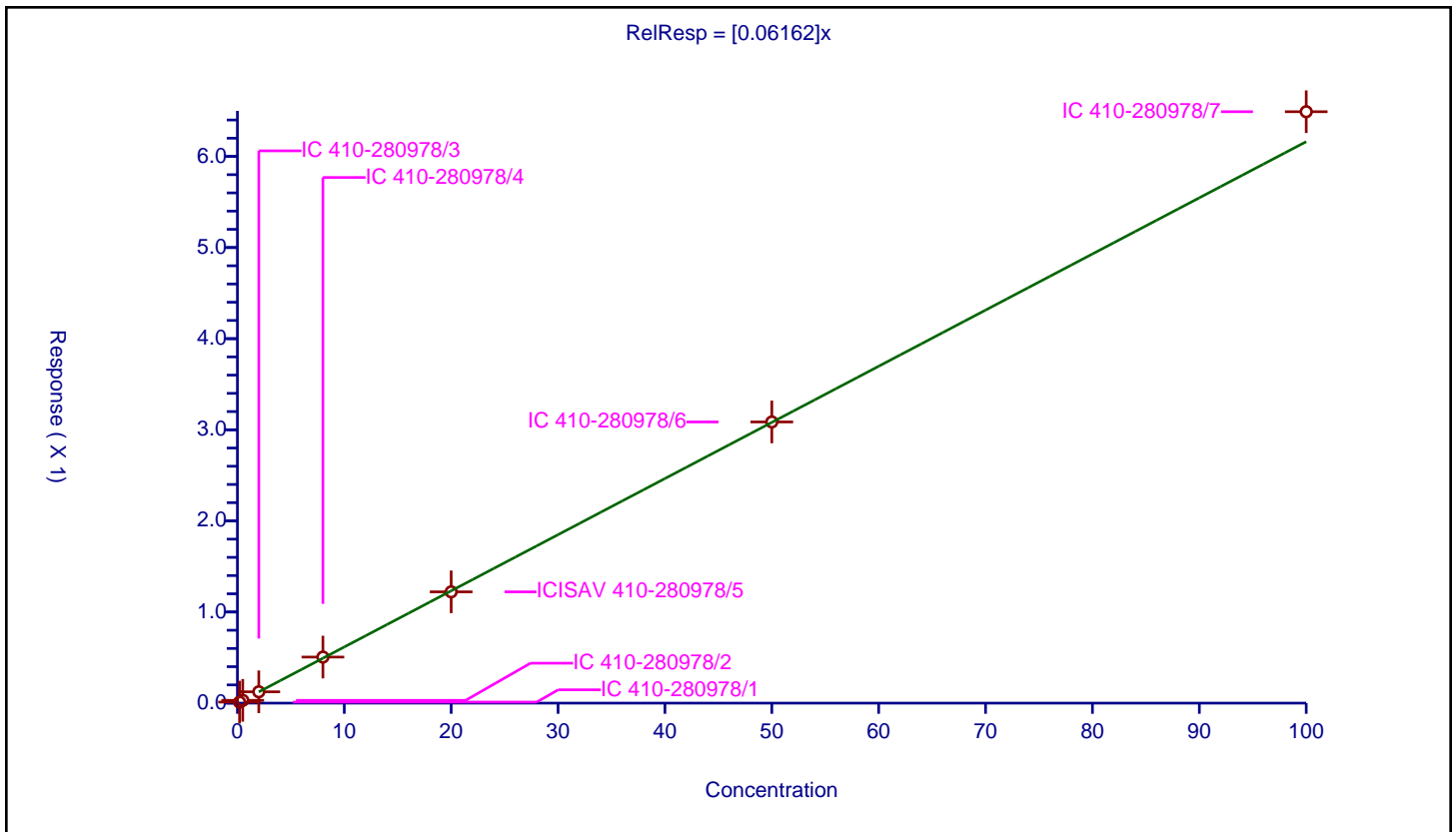
/ R-PSDA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06162

Error Coefficients	
Standard Error:	1250000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.011422	9.3	4817771.0	0.05711	Y
2	IC 410-280978/2	0.5	0.030559	9.3	4690703.0	0.061117	Y
3	IC 410-280978/3	2.0	0.124512	9.3	4644475.0	0.062256	Y
4	IC 410-280978/4	8.0	0.505416	9.3	4534366.0	0.063177	Y
5	ICISAV 410-280978/5	20.0	1.221321	9.3	4509527.0	0.061066	Y
6	IC 410-280978/6	50.0	3.086007	9.3	4258112.0	0.06172	Y
7	IC 410-280978/7	100.0	6.49092	9.3	3780341.0	0.064909	Y



Calibration

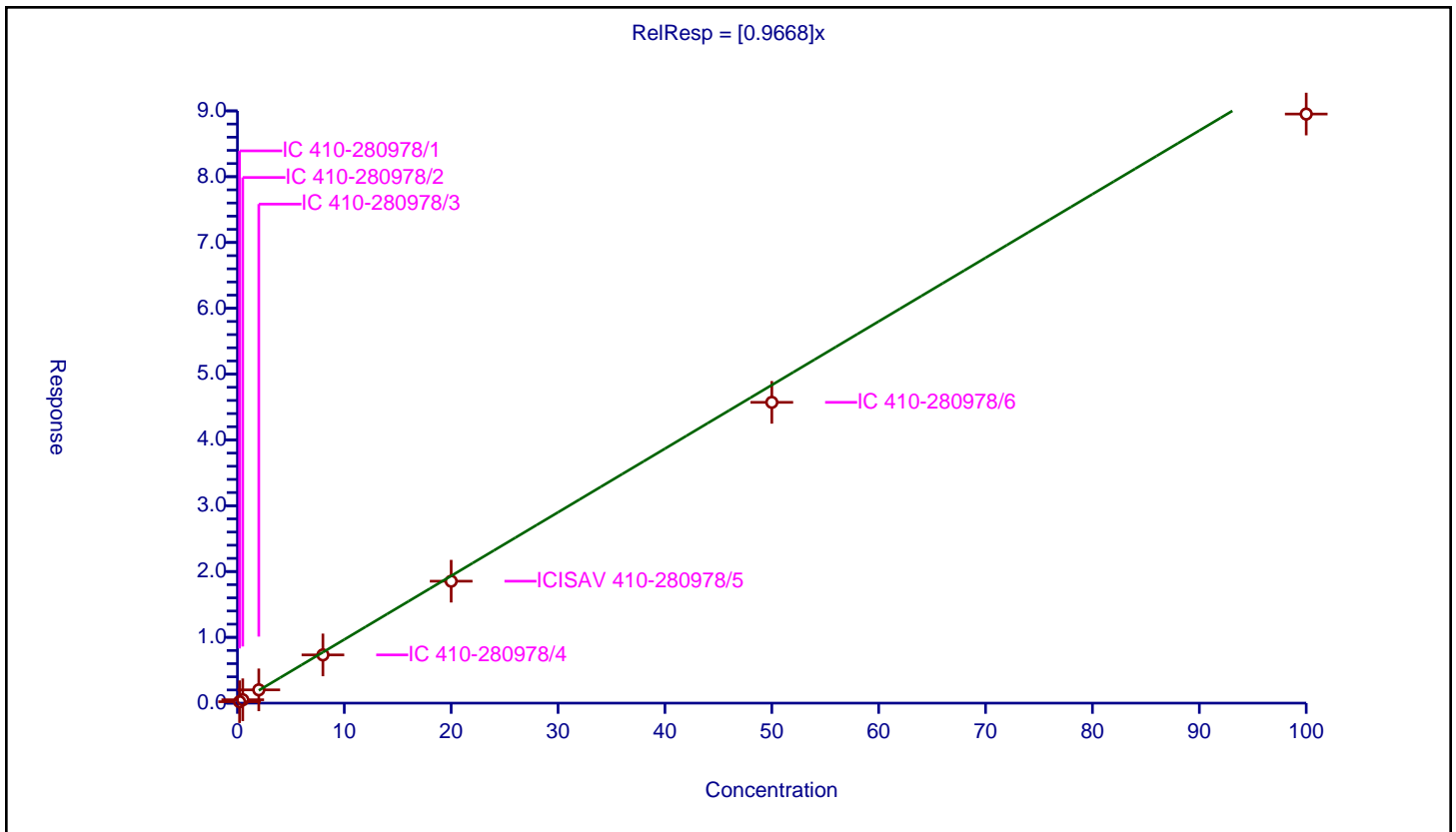
/ Perfluorobutanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9668

Error Coefficients	
Standard Error:	15100000
Relative Standard Error:	7.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.215739	10.0	4580998.0	1.078695	Y
2	IC 410-280978/2	0.5	0.513719	10.0	4495666.0	1.027438	Y
3	IC 410-280978/3	2.0	2.018582	10.0	4452101.0	1.009291	Y
4	IC 410-280978/4	8.0	7.328339	10.0	4348920.0	0.916042	Y
5	ICISAV 410-280978/5	20.0	18.532801	10.0	4257008.0	0.92664	Y
6	IC 410-280978/6	50.0	45.70768	10.0	3857191.0	0.914154	Y
7	IC 410-280978/7	100.0	89.522772	10.0	3499710.0	0.895228	Y



Calibration

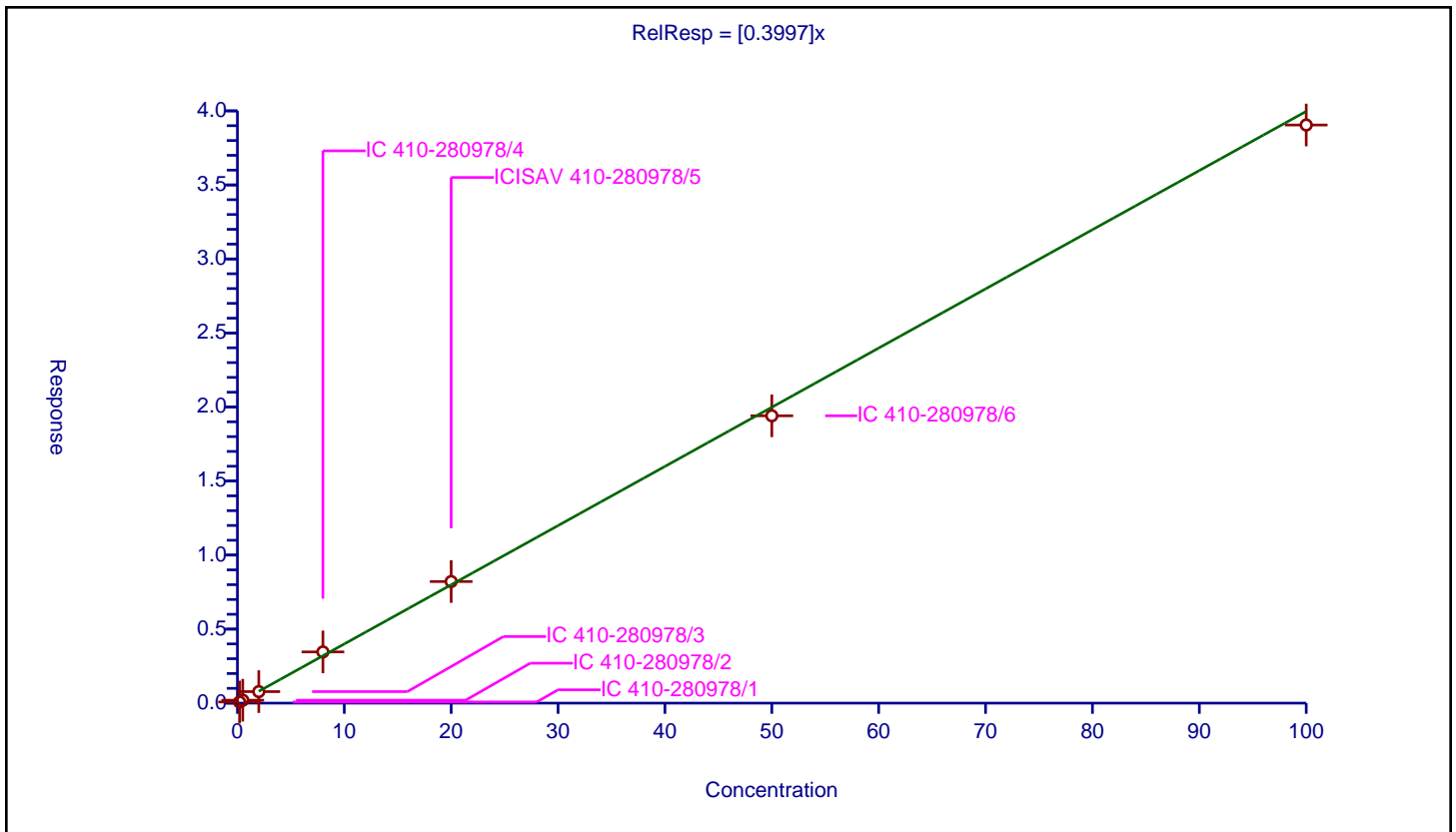
/ Hydrolyzed PSDA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3997

Error Coefficients	
Standard Error:	7630000
Relative Standard Error:	4.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.07867	9.3	4817771.0	0.393348	Y
2	IC 410-280978/2	0.5	0.197069	9.3	4690703.0	0.394138	Y
3	IC 410-280978/3	2.0	0.777544	9.3	4644475.0	0.388772	Y
4	IC 410-280978/4	8.0	3.457953	9.3	4534366.0	0.432244	Y
5	ICISAV 410-280978/5	20.0	8.213265	9.3	4509527.0	0.410663	Y
6	IC 410-280978/6	50.0	19.407159	9.3	4258112.0	0.388143	Y
7	IC 410-280978/7	100.0	39.047005	9.3	3780341.0	0.39047	Y



Calibration

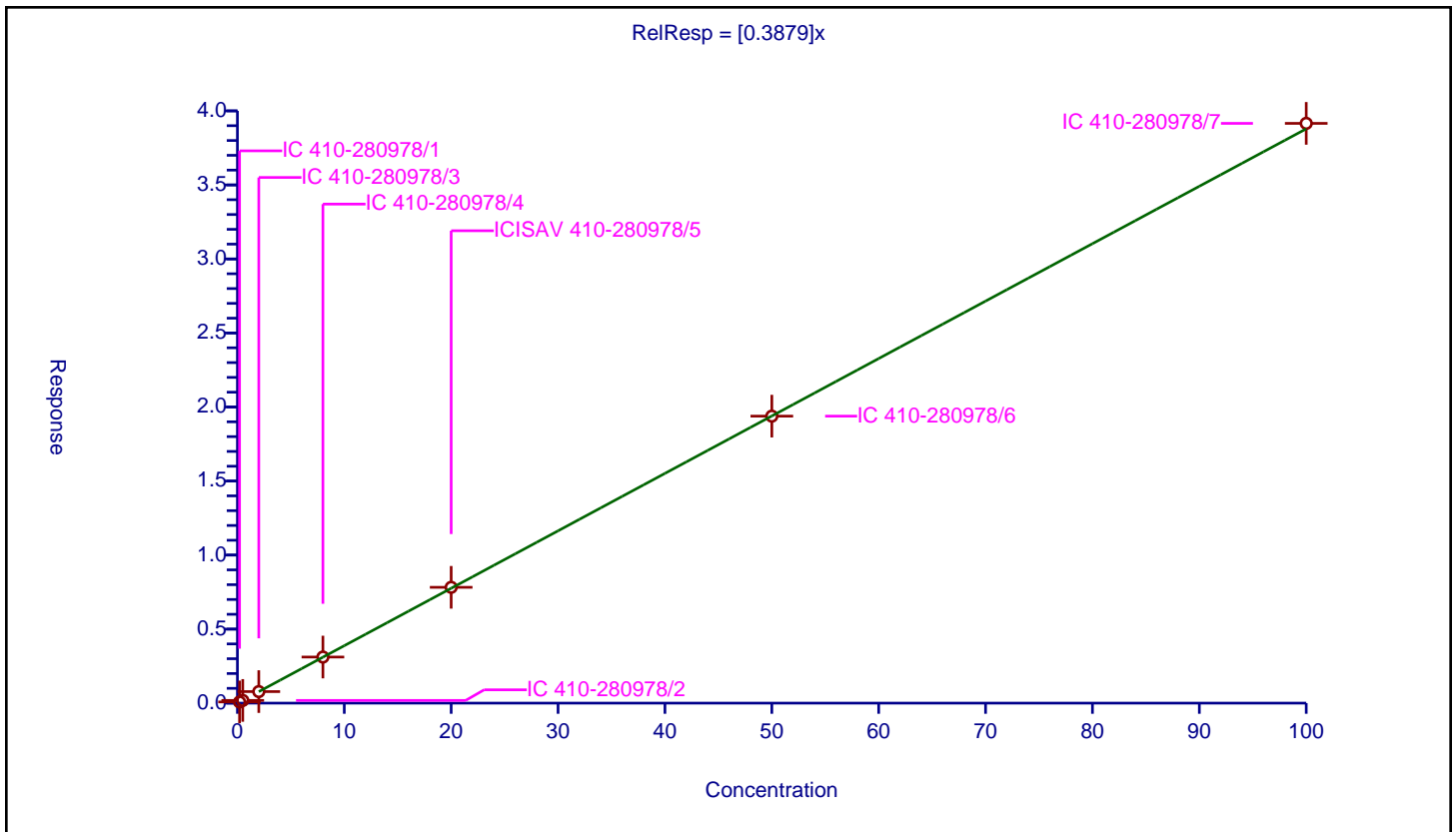
/ PMPA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3879

Error Coefficients	
Standard Error:	6540000
Relative Standard Error:	2.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.079911	10.0	4580998.0	0.399553	Y
2	IC 410-280978/2	0.5	0.183283	10.0	4495666.0	0.366566	Y
3	IC 410-280978/3	2.0	0.779452	10.0	4452101.0	0.389726	Y
4	IC 410-280978/4	8.0	3.112085	10.0	4348920.0	0.389011	Y
5	ICISAV 410-280978/5	20.0	7.822168	10.0	4257008.0	0.391108	Y
6	IC 410-280978/6	50.0	19.383093	10.0	3857191.0	0.387662	Y
7	IC 410-280978/7	100.0	39.156044	10.0	3499710.0	0.39156	Y



Calibration

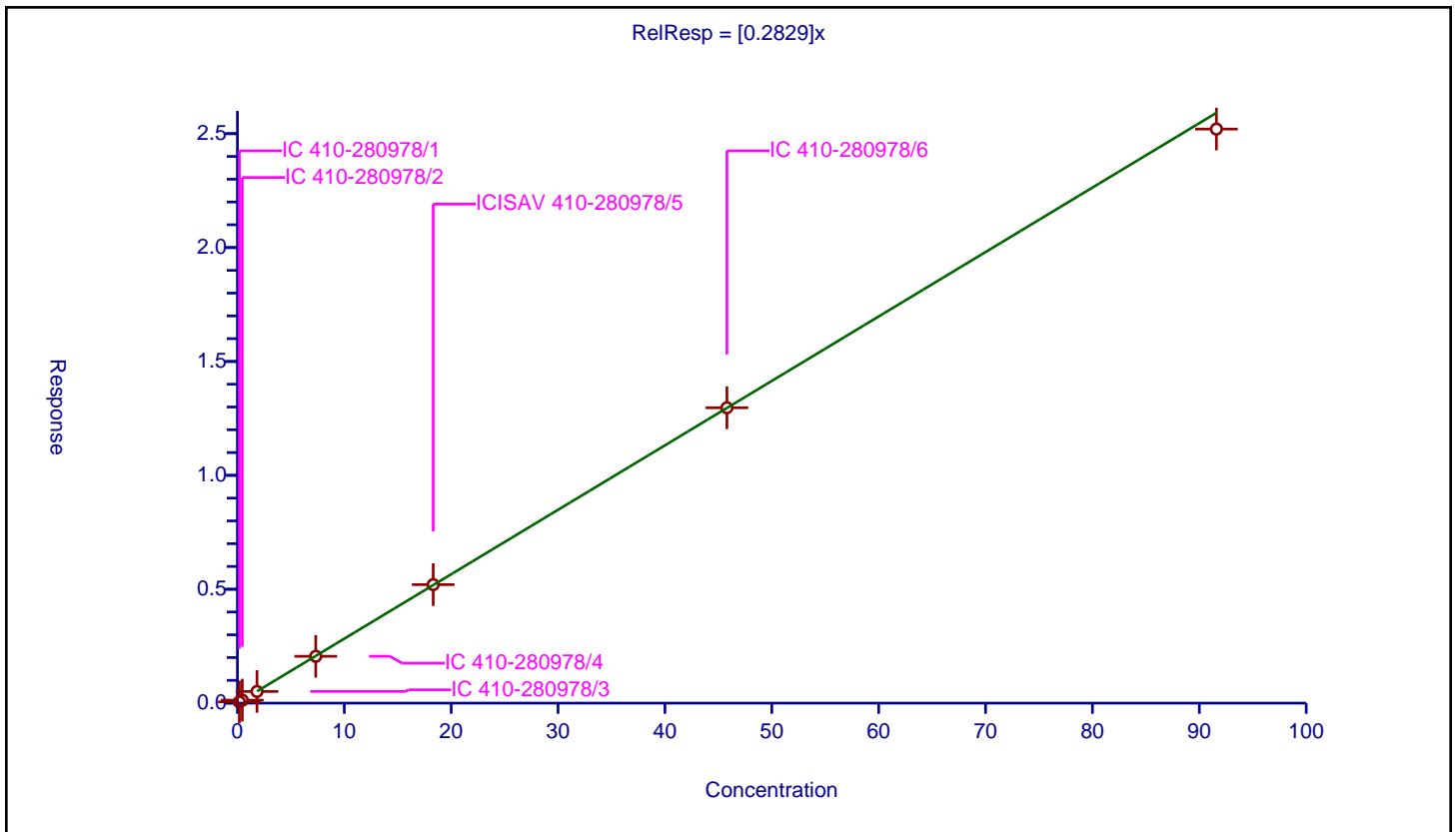
/ PFPrS

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2829

Error Coefficients	
Standard Error:	4250000
Relative Standard Error:	2.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1832	0.054069	10.0	4580998.0	0.295136	Y
2	IC 410-280978/2	0.458	0.129818	10.0	4495666.0	0.283446	Y
3	IC 410-280978/3	1.832	0.510961	10.0	4452101.0	0.278909	Y
4	IC 410-280978/4	7.328	2.05635	10.0	4348920.0	0.280615	Y
5	ICISAV 410-280978/5	18.32	5.202468	10.0	4257008.0	0.283978	Y
6	IC 410-280978/6	45.8	12.967004	10.0	3857191.0	0.283122	Y
7	IC 410-280978/7	91.6	25.201797	10.0	3499710.0	0.275129	Y



Calibration

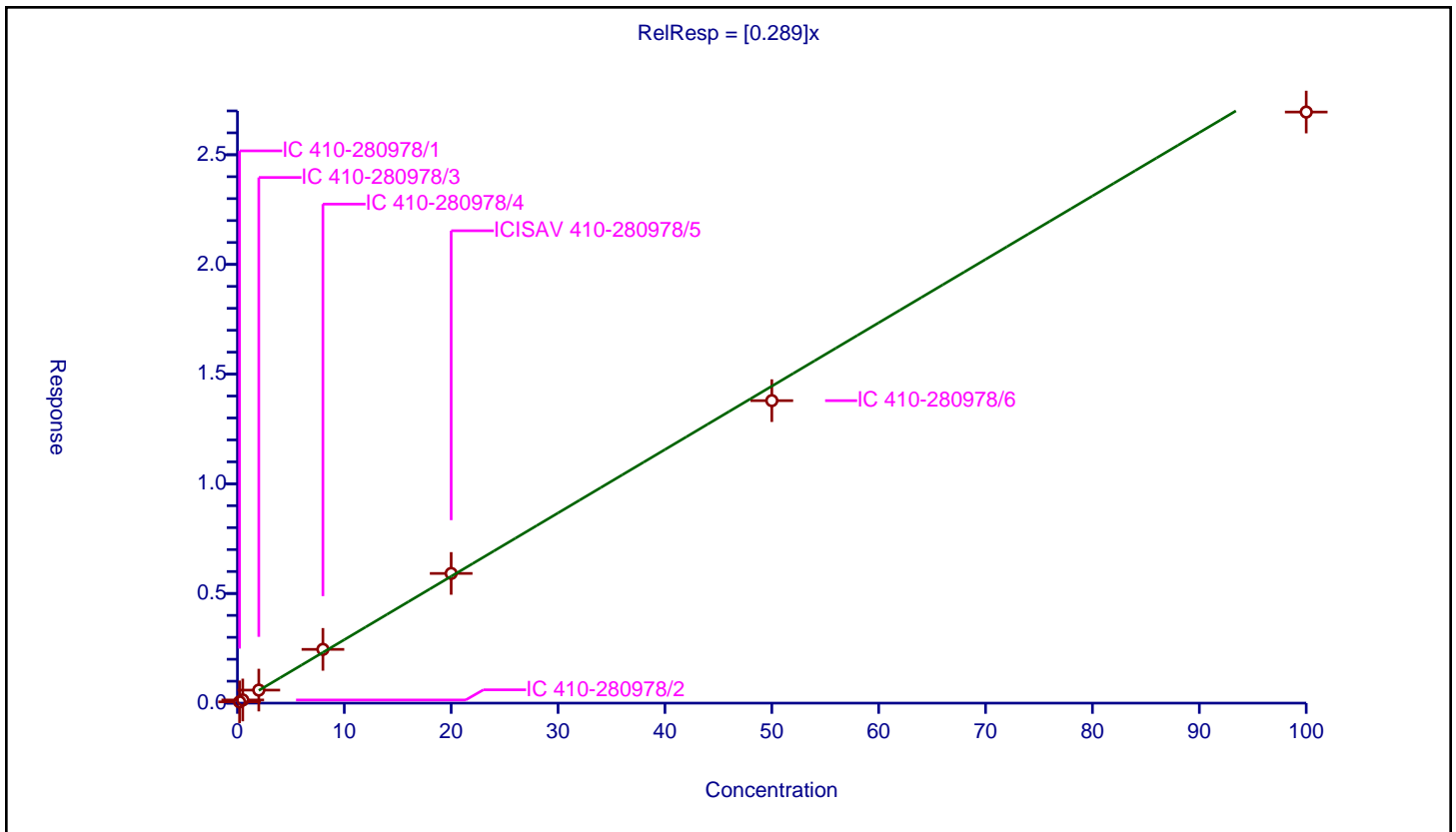
/ NVHOS

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.289

Error Coefficients	
Standard Error:	5320000
Relative Standard Error:	4.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.058266	9.3	4817771.0	0.291329	Y
2	IC 410-280978/2	0.5	0.143492	9.3	4690703.0	0.286984	Y
3	IC 410-280978/3	2.0	0.594899	9.3	4644475.0	0.297449	Y
4	IC 410-280978/4	8.0	2.451045	9.3	4534366.0	0.306381	Y
5	ICISAV 410-280978/5	20.0	5.91275	9.3	4509527.0	0.295637	Y
6	IC 410-280978/6	50.0	13.790048	9.3	4258112.0	0.275801	Y
7	IC 410-280978/7	100.0	26.948356	9.3	3780341.0	0.269484	Y



Calibration

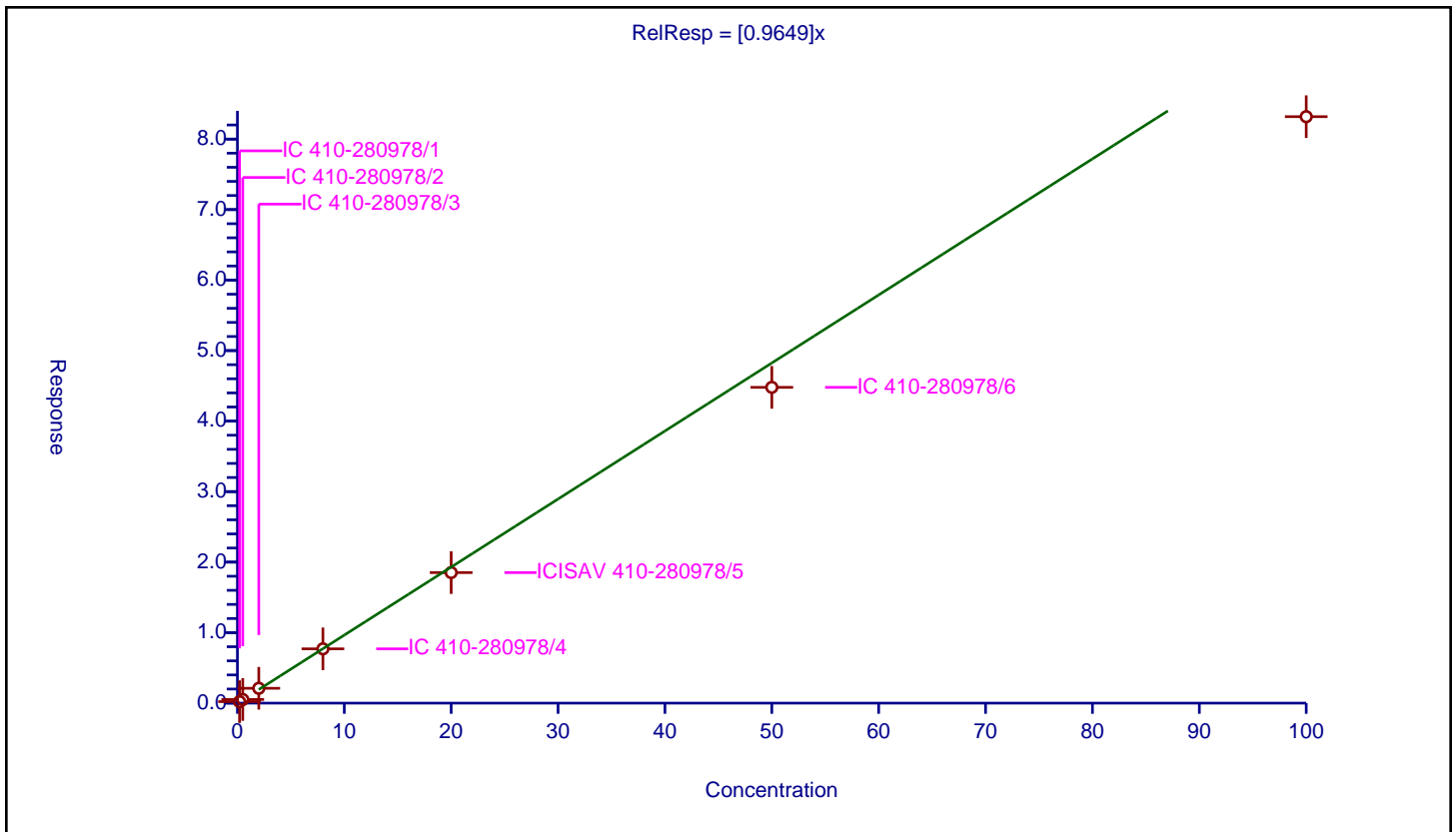
/ PFECA F

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9649

Error Coefficients	
Standard Error:	14300000
Relative Standard Error:	8.9
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.211808	10.0	4580998.0	1.059038	Y
2	IC 410-280978/2	0.5	0.513717	10.0	4495666.0	1.027434	Y
3	IC 410-280978/3	2.0	2.104103	10.0	4452101.0	1.052052	Y
4	IC 410-280978/4	8.0	7.699013	10.0	4348920.0	0.962377	Y
5	ICISAV 410-280978/5	20.0	18.516921	10.0	4257008.0	0.925846	Y
6	IC 410-280978/6	50.0	44.789104	10.0	3857191.0	0.895782	Y
7	IC 410-280978/7	100.0	83.180252	10.0	3499710.0	0.831803	Y



Calibration

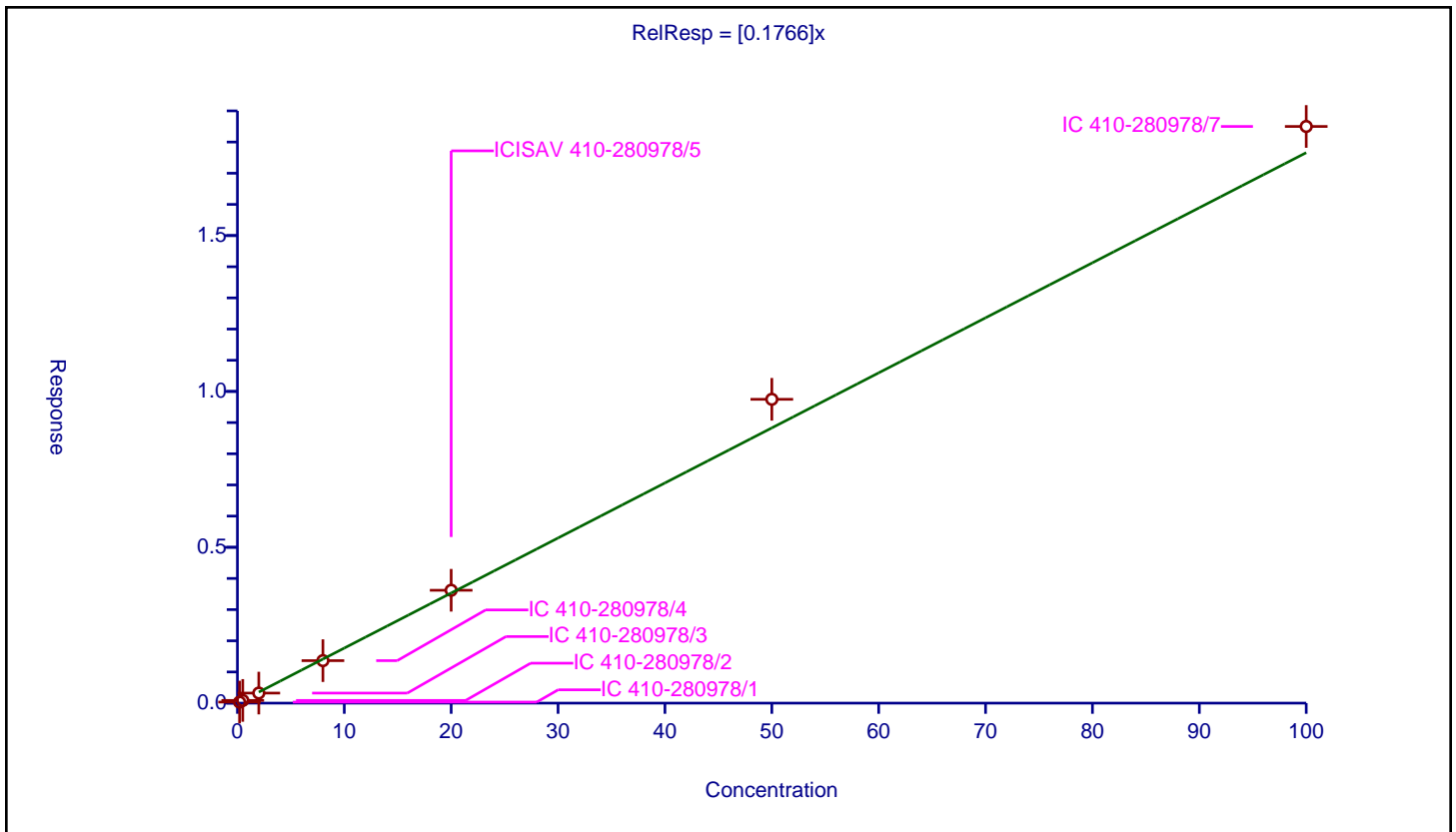
/ PFO2HxA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1766

Error Coefficients	
Standard Error:	3130000
Relative Standard Error:	6.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.034052	10.0	4580998.0	0.170258	Y
2	IC 410-280978/2	0.5	0.086552	10.0	4495666.0	0.173104	Y
3	IC 410-280978/3	2.0	0.322764	10.0	4452101.0	0.161382	Y
4	IC 410-280978/4	8.0	1.363217	10.0	4348920.0	0.170402	Y
5	ICISAV 410-280978/5	20.0	3.621029	10.0	4257008.0	0.181051	Y
6	IC 410-280978/6	50.0	9.747018	10.0	3857191.0	0.19494	Y
7	IC 410-280978/7	100.0	18.499987	10.0	3499710.0	0.185	Y



Calibration

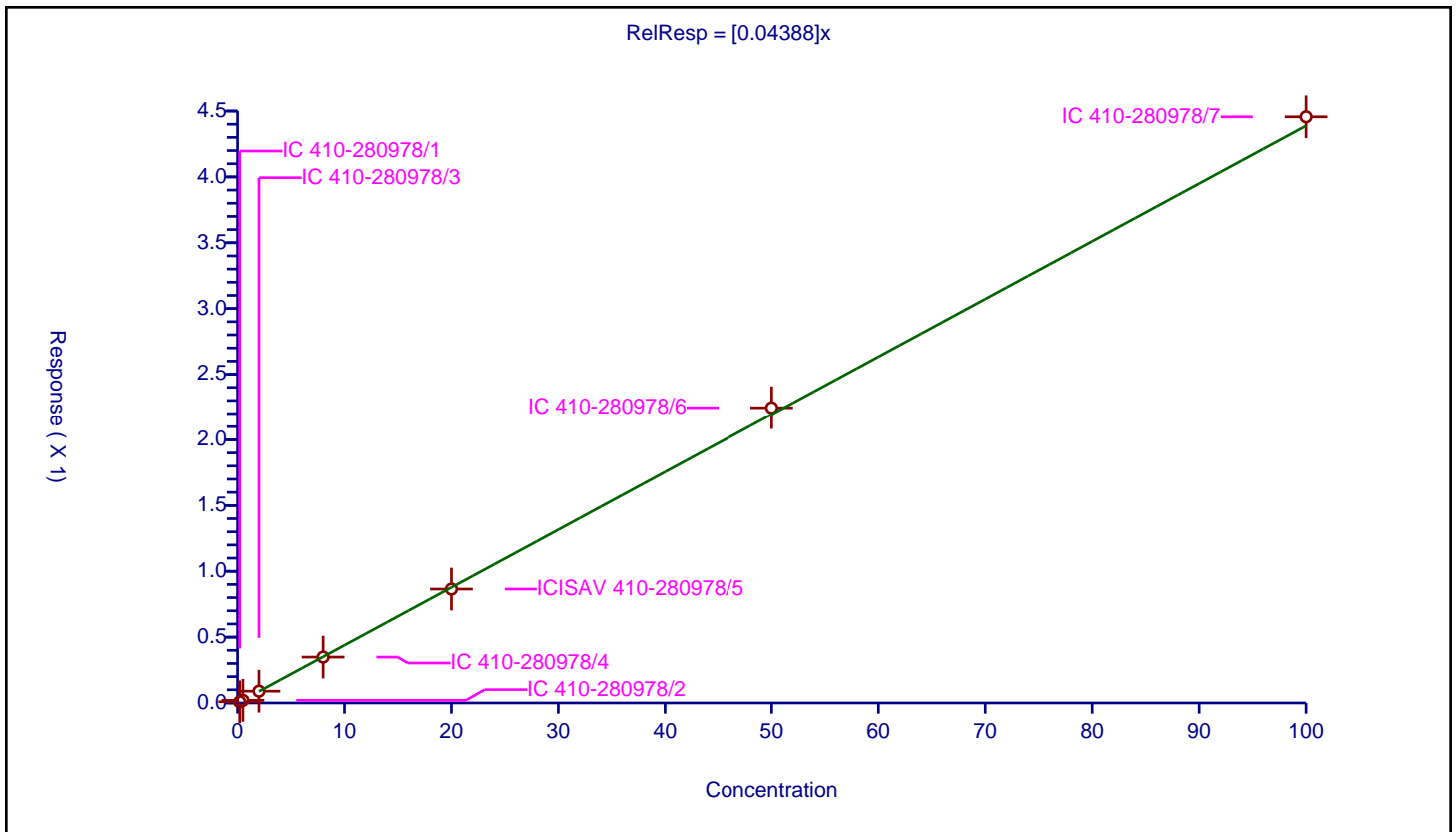
/ 3:3 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04388

Error Coefficients	
Standard Error:	861000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.009156	10.0	5338761.0	0.045778	Y
2	IC 410-280978/2	0.5	0.020149	10.0	5178844.0	0.040299	Y
3	IC 410-280978/3	2.0	0.089645	10.0	5102131.0	0.044822	Y
4	IC 410-280978/4	8.0	0.348606	10.0	4964312.0	0.043576	Y
5	ICISAV 410-280978/5	20.0	0.8651	10.0	4855152.0	0.043255	Y
6	IC 410-280978/6	50.0	2.245051	10.0	4375018.0	0.044901	Y
7	IC 410-280978/7	100.0	4.456348	10.0	4062629.0	0.044563	Y



Calibration

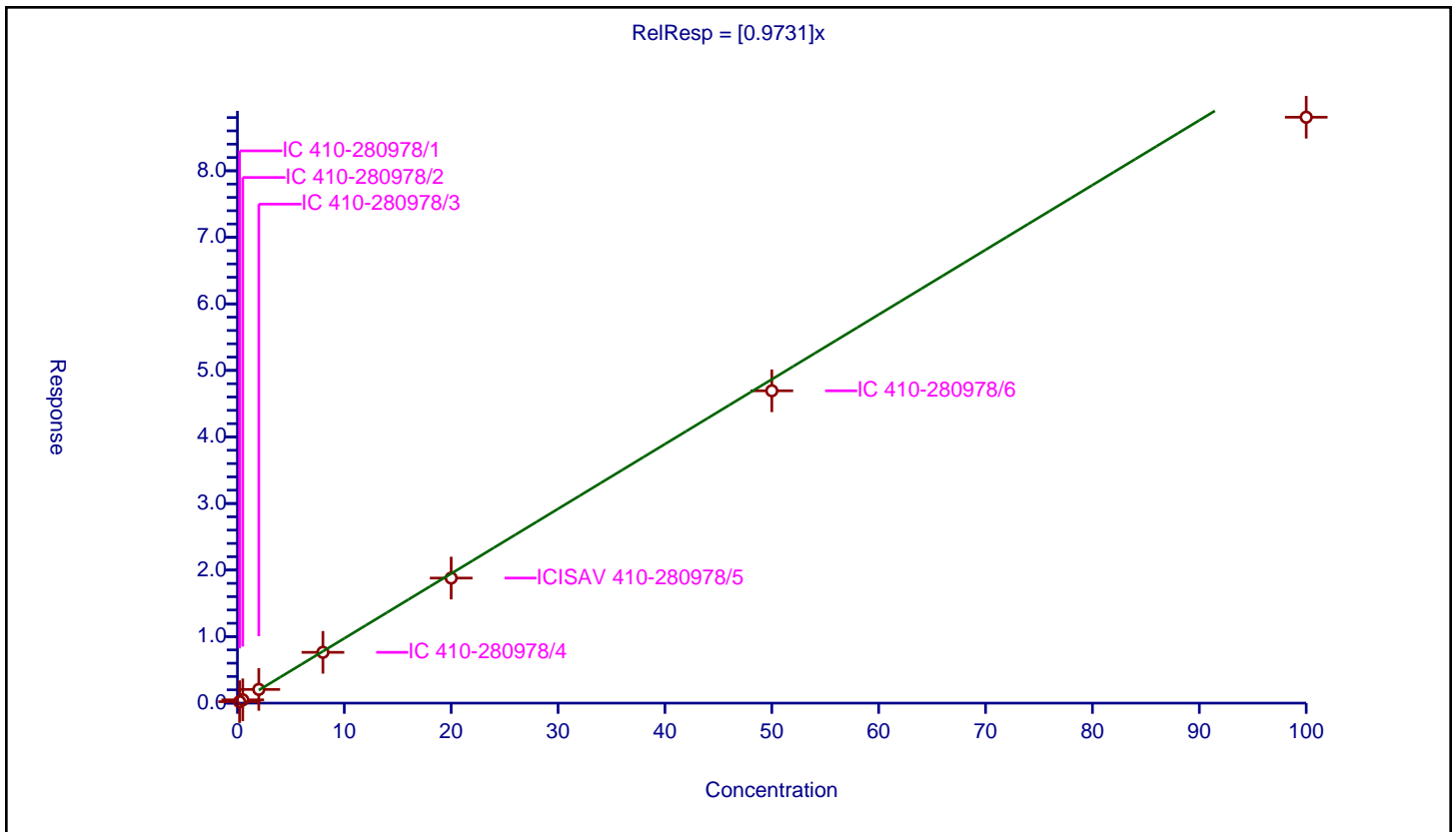
/ Perfluoropentanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9731

Error Coefficients	
Standard Error:	17300000
Relative Standard Error:	6.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.216515	10.0	5338761.0	1.082573	Y
2	IC 410-280978/2	0.5	0.493104	10.0	5178844.0	0.986209	Y
3	IC 410-280978/3	2.0	2.060016	10.0	5102131.0	1.030008	Y
4	IC 410-280978/4	8.0	7.633938	10.0	4964312.0	0.954242	Y
5	ICISAV 410-280978/5	20.0	18.793694	10.0	4855152.0	0.939685	Y
6	IC 410-280978/6	50.0	46.937768	10.0	4375018.0	0.938755	Y
7	IC 410-280978/7	100.0	88.046464	10.0	4062629.0	0.880465	Y



Calibration

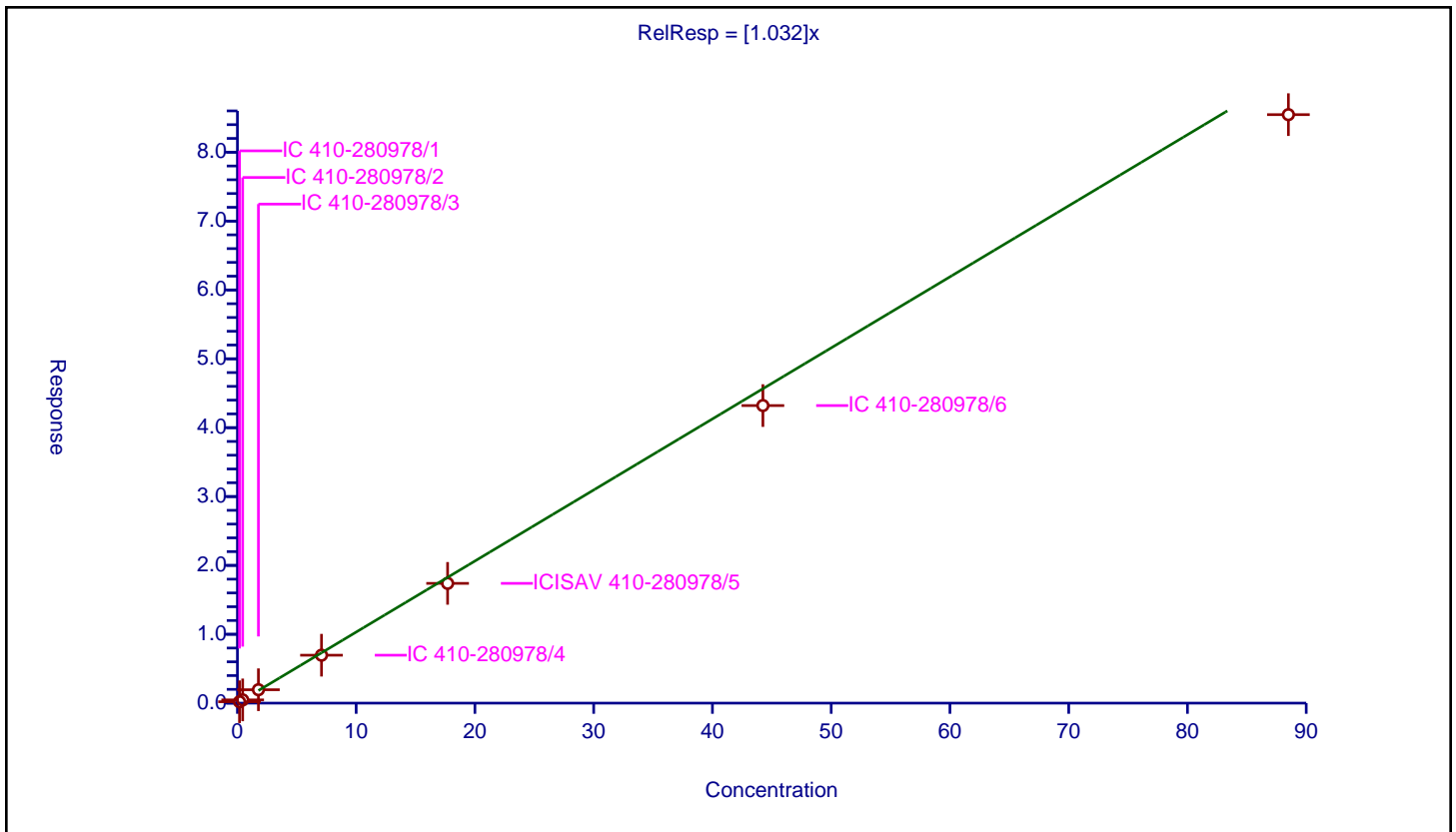
/ Perfluorobutanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.032

Error Coefficients	
Standard Error:	16700000
Relative Standard Error:	7.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.177	0.203538	9.3	4817771.0	1.149934	Y
2	IC 410-280978/2	0.4425	0.471193	9.3	4690703.0	1.064844	Y
3	IC 410-280978/3	1.77	1.946142	9.3	4644475.0	1.099515	Y
4	IC 410-280978/4	7.08	6.959766	9.3	4534366.0	0.983018	Y
5	ICISAV 410-280978/5	17.7	17.390968	9.3	4509527.0	0.982541	Y
6	IC 410-280978/6	44.25	43.211126	9.3	4258112.0	0.976523	Y
7	IC 410-280978/7	88.5	85.455042	9.3	3780341.0	0.965594	Y



Calibration

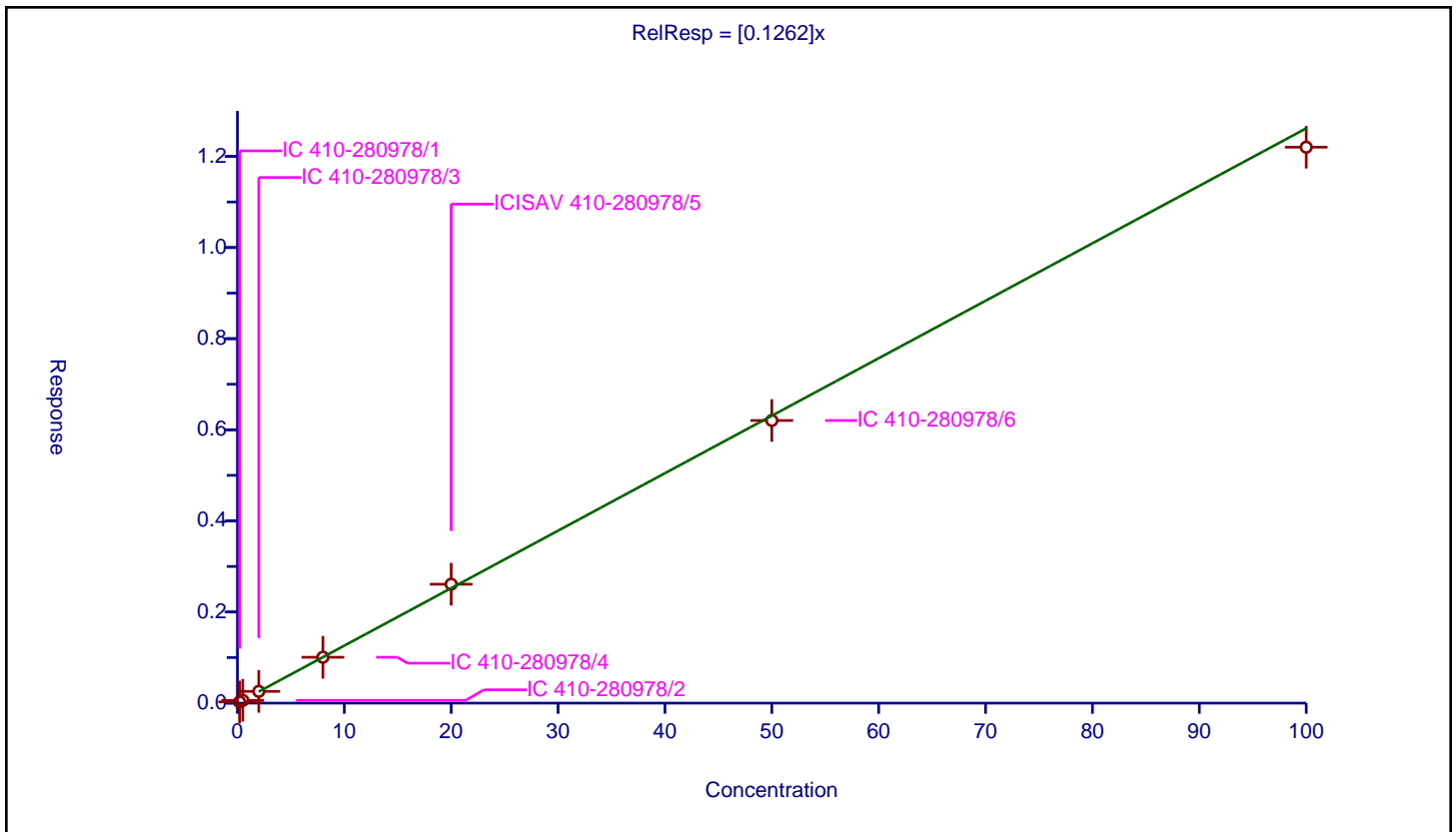
/ PEPA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1262

Error Coefficients	
Standard Error:	2060000
Relative Standard Error:	2.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.025822	10.0	4580998.0	0.129109	Y
2	IC 410-280978/2	0.5	0.06133	10.0	4495666.0	0.12266	Y
3	IC 410-280978/3	2.0	0.257876	10.0	4452101.0	0.128938	Y
4	IC 410-280978/4	8.0	1.00679	10.0	4348920.0	0.125849	Y
5	ICISAV 410-280978/5	20.0	2.610122	10.0	4257008.0	0.130506	Y
6	IC 410-280978/6	50.0	6.204266	10.0	3857191.0	0.124085	Y
7	IC 410-280978/7	100.0	12.202985	10.0	3499710.0	0.12203	Y



Calibration

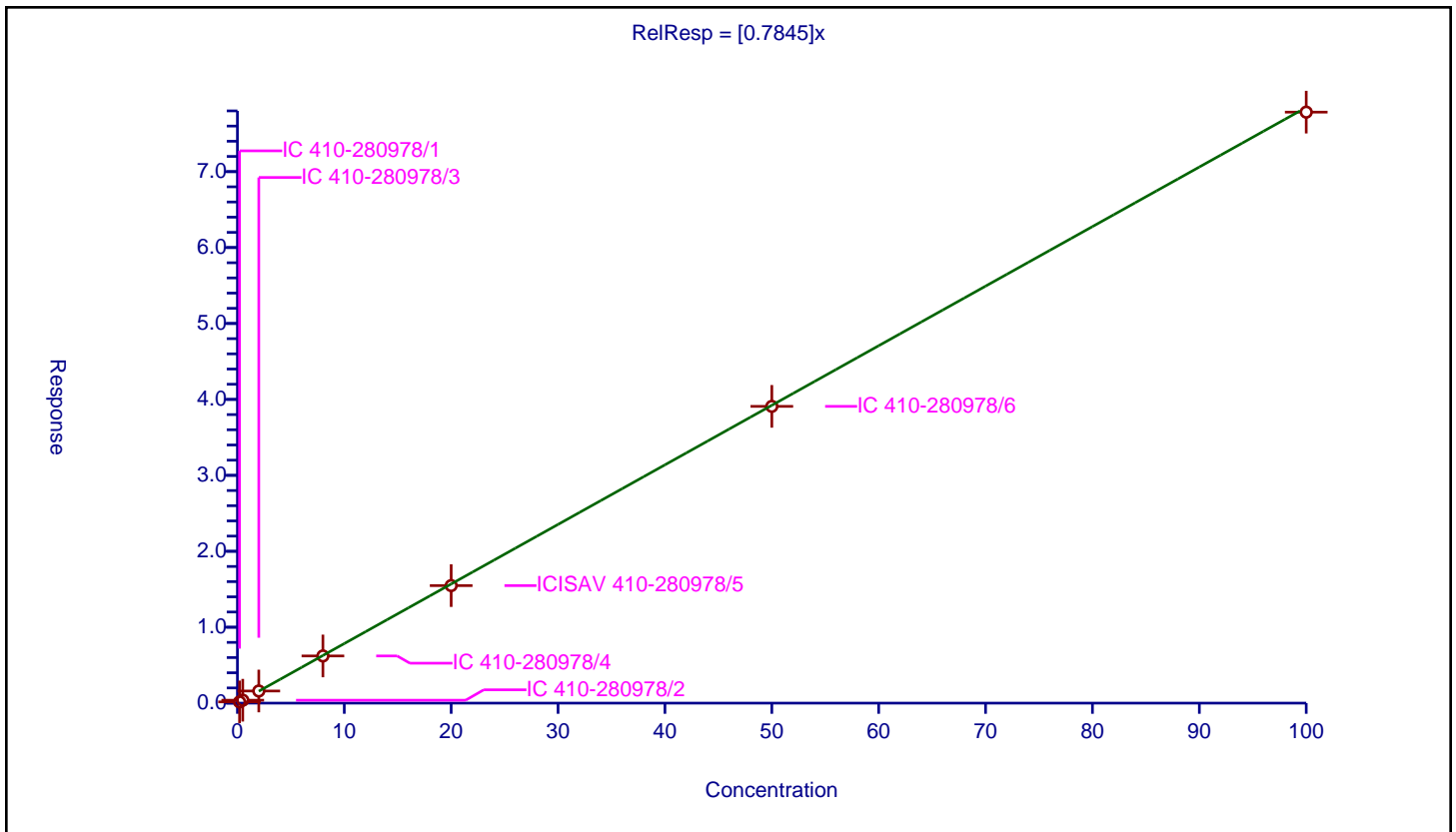
/ PFECA A

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7845

Error Coefficients	
Standard Error:	15200000
Relative Standard Error:	1.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.162134	9.3	4817771.0	0.810671	Y
2	IC 410-280978/2	0.5	0.385486	9.3	4690703.0	0.770971	Y
3	IC 410-280978/3	2.0	1.598539	9.3	4644475.0	0.79927	Y
4	IC 410-280978/4	8.0	6.214862	9.3	4534366.0	0.776858	Y
5	ICISAV 410-280978/5	20.0	15.478221	9.3	4509527.0	0.773911	Y
6	IC 410-280978/6	50.0	39.085302	9.3	4258112.0	0.781706	Y
7	IC 410-280978/7	100.0	77.836566	9.3	3780341.0	0.778366	Y



Calibration

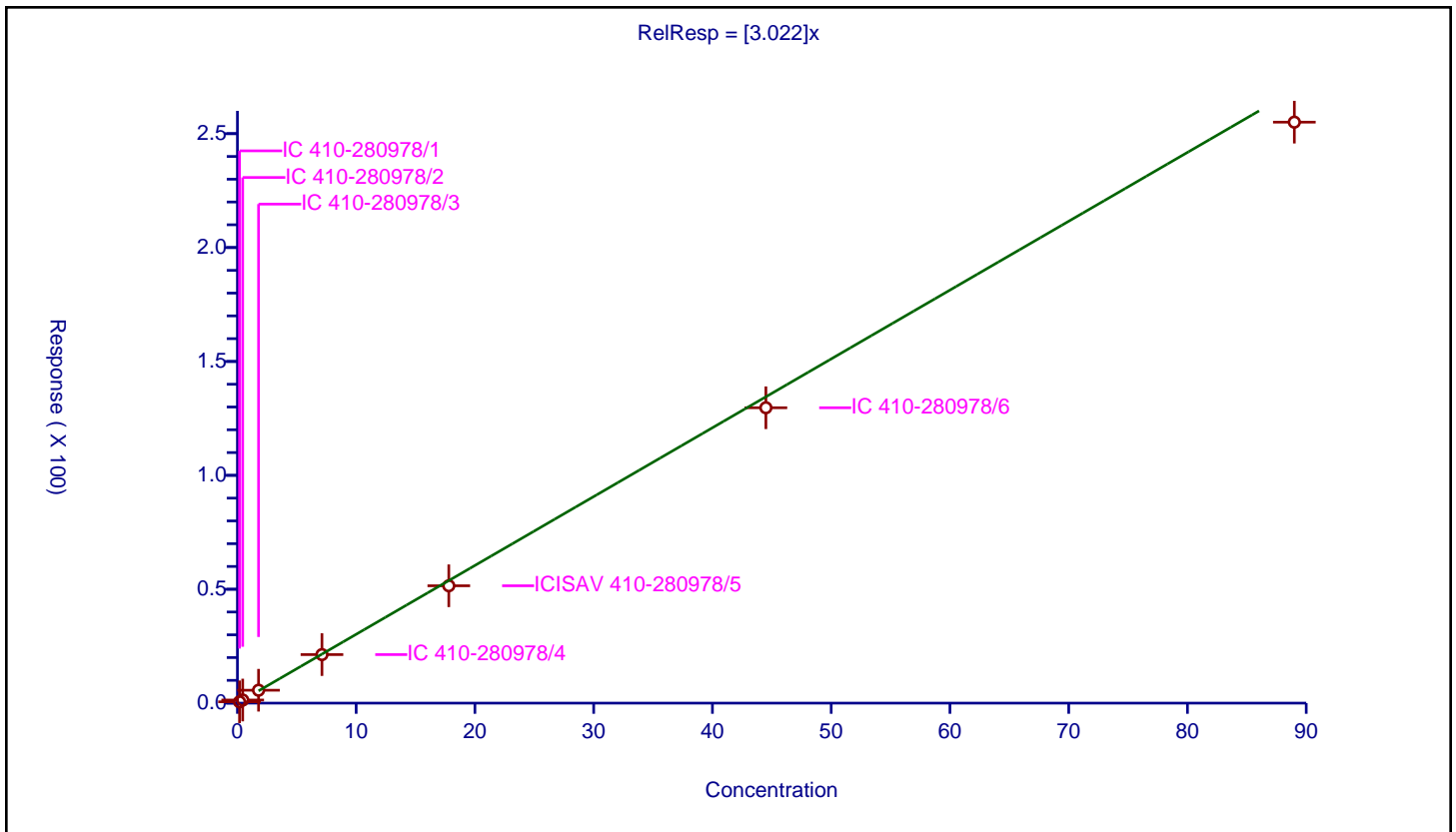
/ PES

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.022

Error Coefficients	
Standard Error:	50000000
Relative Standard Error:	4.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.178	0.578313	9.3	4817771.0	3.248947	Y
2	IC 410-280978/2	0.445	1.360664	9.3	4690703.0	3.057671	Y
3	IC 410-280978/3	1.78	5.662162	9.3	4644475.0	3.18099	Y
4	IC 410-280978/4	7.12	21.310335	9.3	4534366.0	2.993025	Y
5	ICISAV 410-280978/5	17.8	51.519765	9.3	4509527.0	2.894369	Y
6	IC 410-280978/6	44.5	129.676007	9.3	4258112.0	2.914068	Y
7	IC 410-280978/7	89.0	255.048335	9.3	3780341.0	2.865712	Y



Calibration

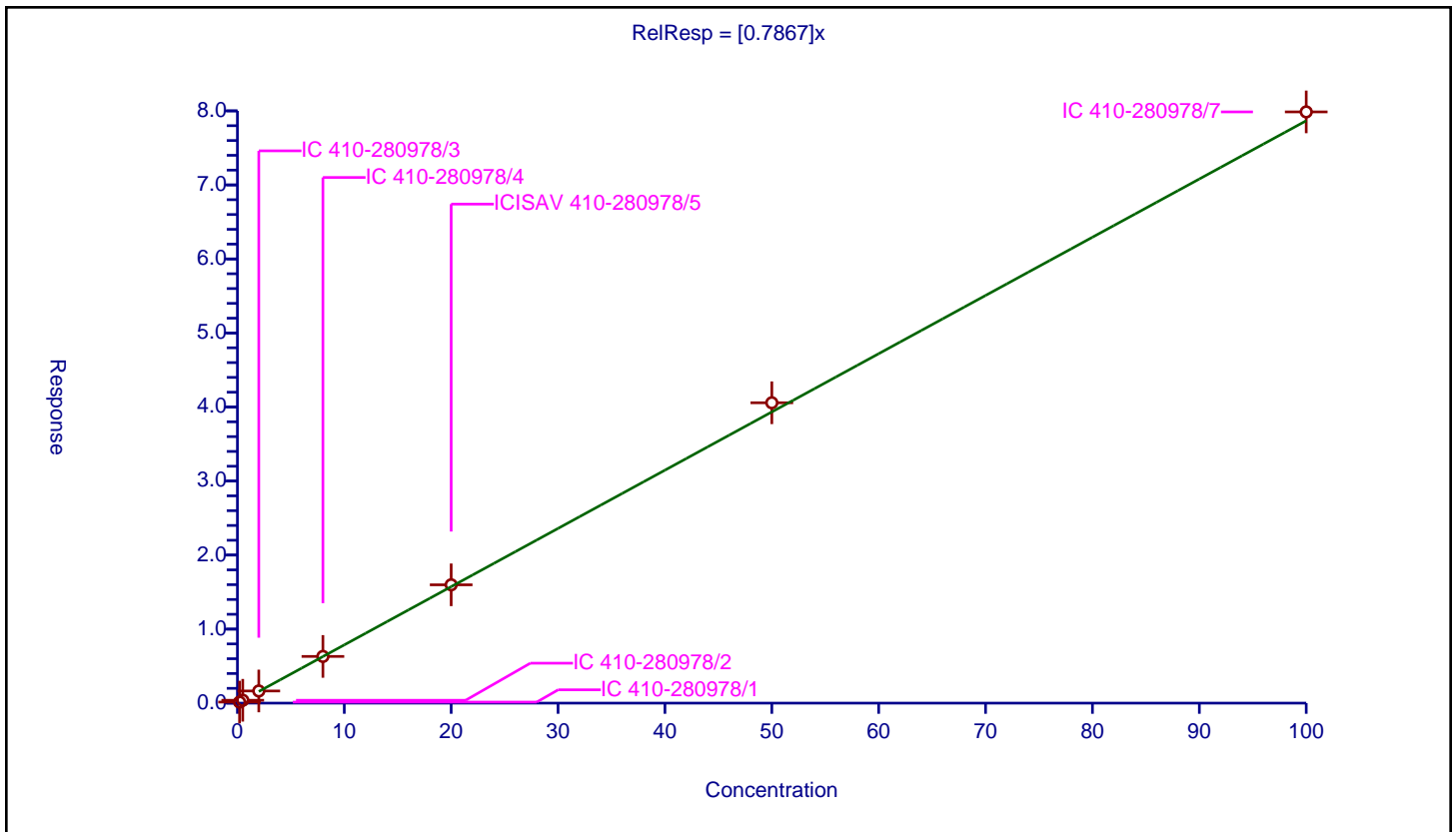
/ PFECA B

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7867

Error Coefficients	
Standard Error:	15600000
Relative Standard Error:	4.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.142995	9.3	4817771.0	0.714974	Y
2	IC 410-280978/2	0.5	0.386667	9.3	4690703.0	0.773335	Y
3	IC 410-280978/3	2.0	1.64087	9.3	4644475.0	0.820435	Y
4	IC 410-280978/4	8.0	6.310094	9.3	4534366.0	0.788762	Y
5	ICISAV 410-280978/5	20.0	15.983458	9.3	4509527.0	0.799173	Y
6	IC 410-280978/6	50.0	40.572732	9.3	4258112.0	0.811455	Y
7	IC 410-280978/7	100.0	79.862244	9.3	3780341.0	0.798622	Y



Calibration

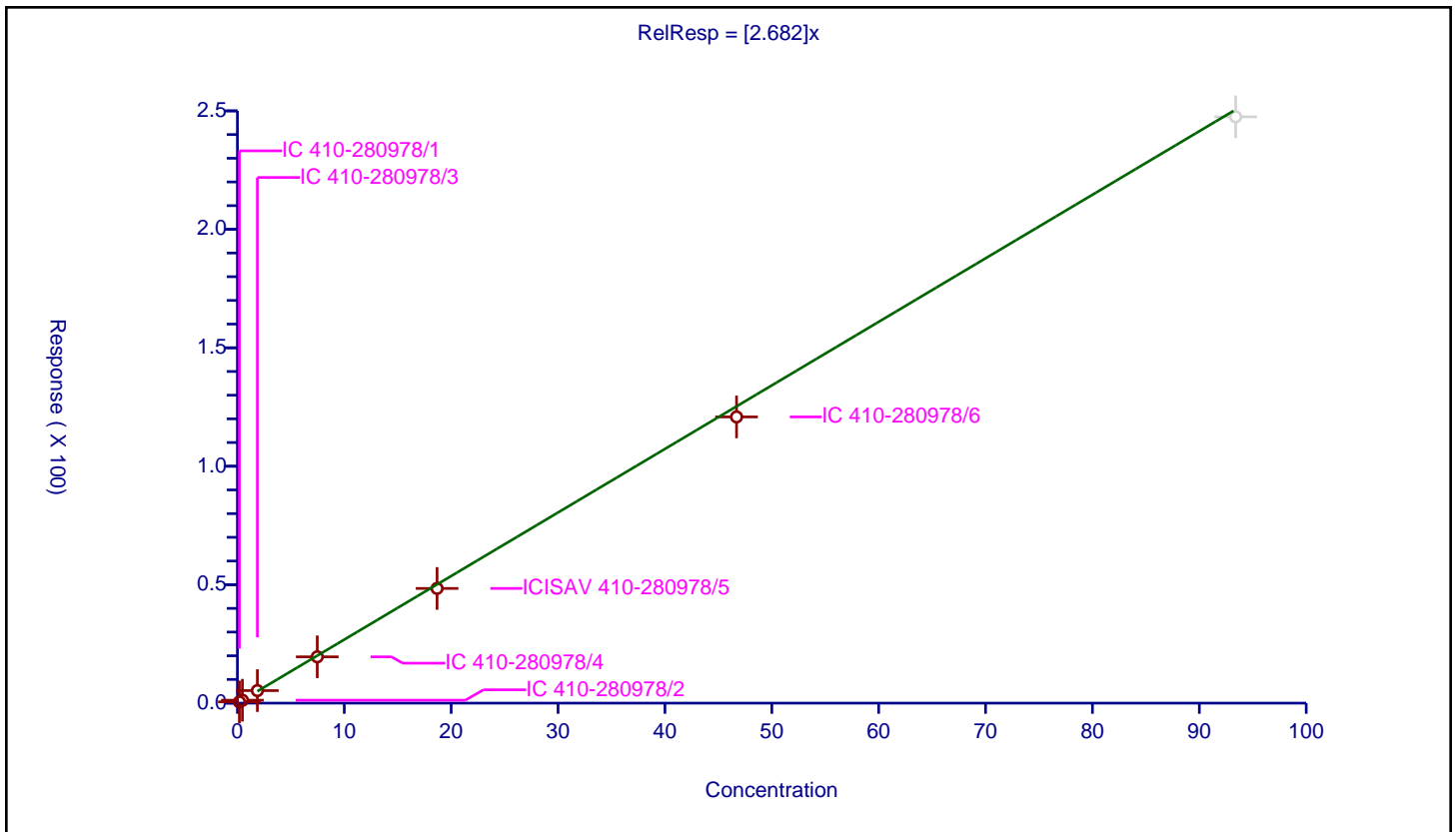
/ 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.682

Error Coefficients	
Standard Error:	3510000
Relative Standard Error:	4.3
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1868	0.528265	9.34	883337.0	2.827969	Y
2	IC 410-280978/2	0.467	1.233554	9.34	801100.0	2.641443	Y
3	IC 410-280978/3	1.868	5.28782	9.34	748310.0	2.830739	Y
4	IC 410-280978/4	7.472	19.546837	9.34	699565.0	2.616011	Y
5	ICISAV 410-280978/5	18.68	48.411405	9.34	659534.0	2.591617	Y
6	IC 410-280978/6	46.7	120.814963	9.34	533768.0	2.587044	Y
7	IC 410-280978/7	93.4	247.496336	9.34	414573.0	2.649854	N



Calibration

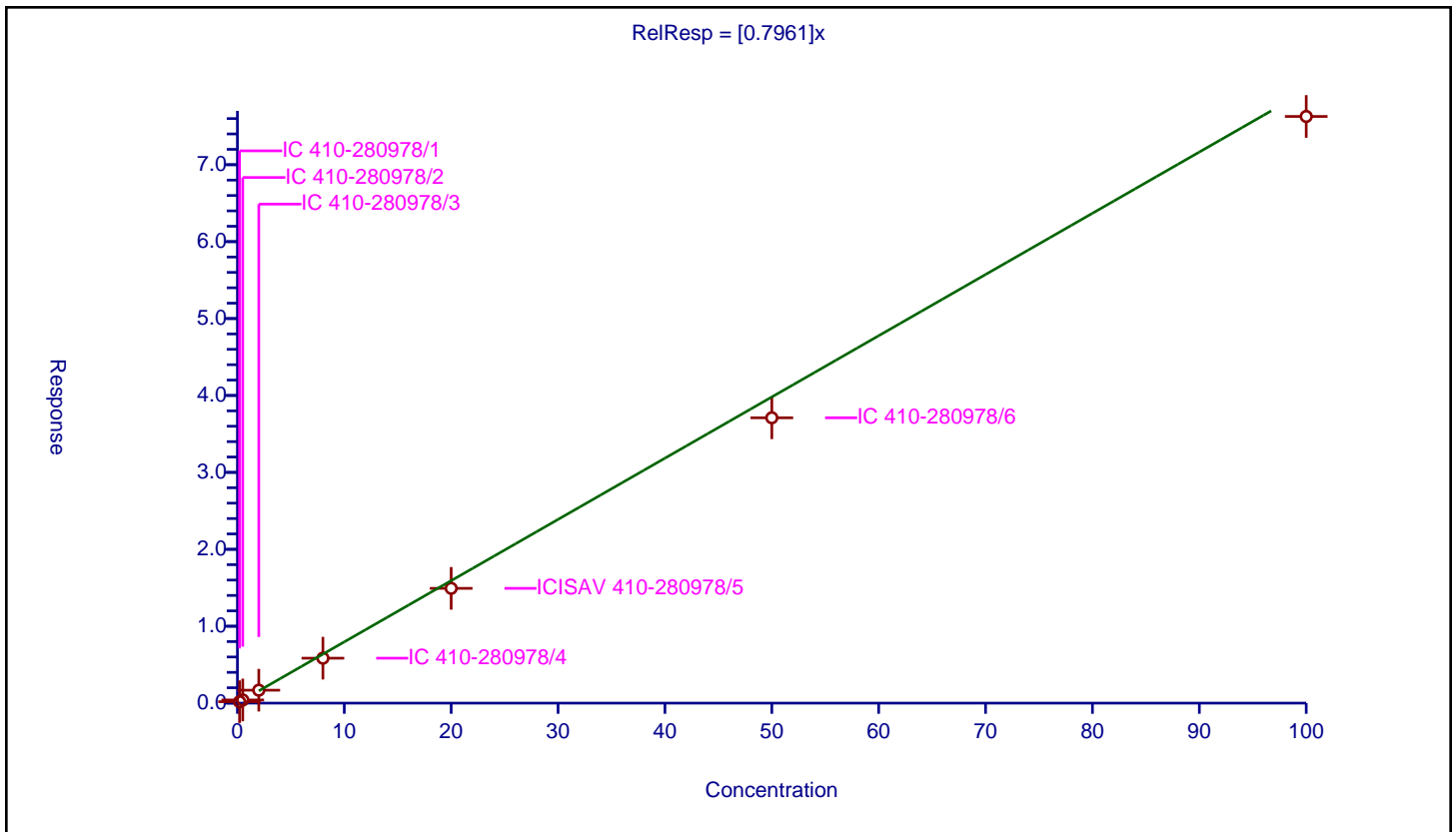
/ Perfluorohexanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7961

Error Coefficients	
Standard Error:	17800000
Relative Standard Error:	9.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.186245	10.0	6483659.0	0.931226	Y
2	IC 410-280978/2	0.5	0.409853	10.0	6385698.0	0.819707	Y
3	IC 410-280978/3	2.0	1.681114	10.0	6226087.0	0.840557	Y
4	IC 410-280978/4	8.0	5.842363	10.0	6257014.0	0.730295	Y
5	ICISAV 410-280978/5	20.0	14.924085	10.0	6087399.0	0.746204	Y
6	IC 410-280978/6	50.0	37.097201	10.0	5637525.0	0.741944	Y
7	IC 410-280978/7	100.0	76.274813	10.0	4831395.0	0.762748	Y



Calibration

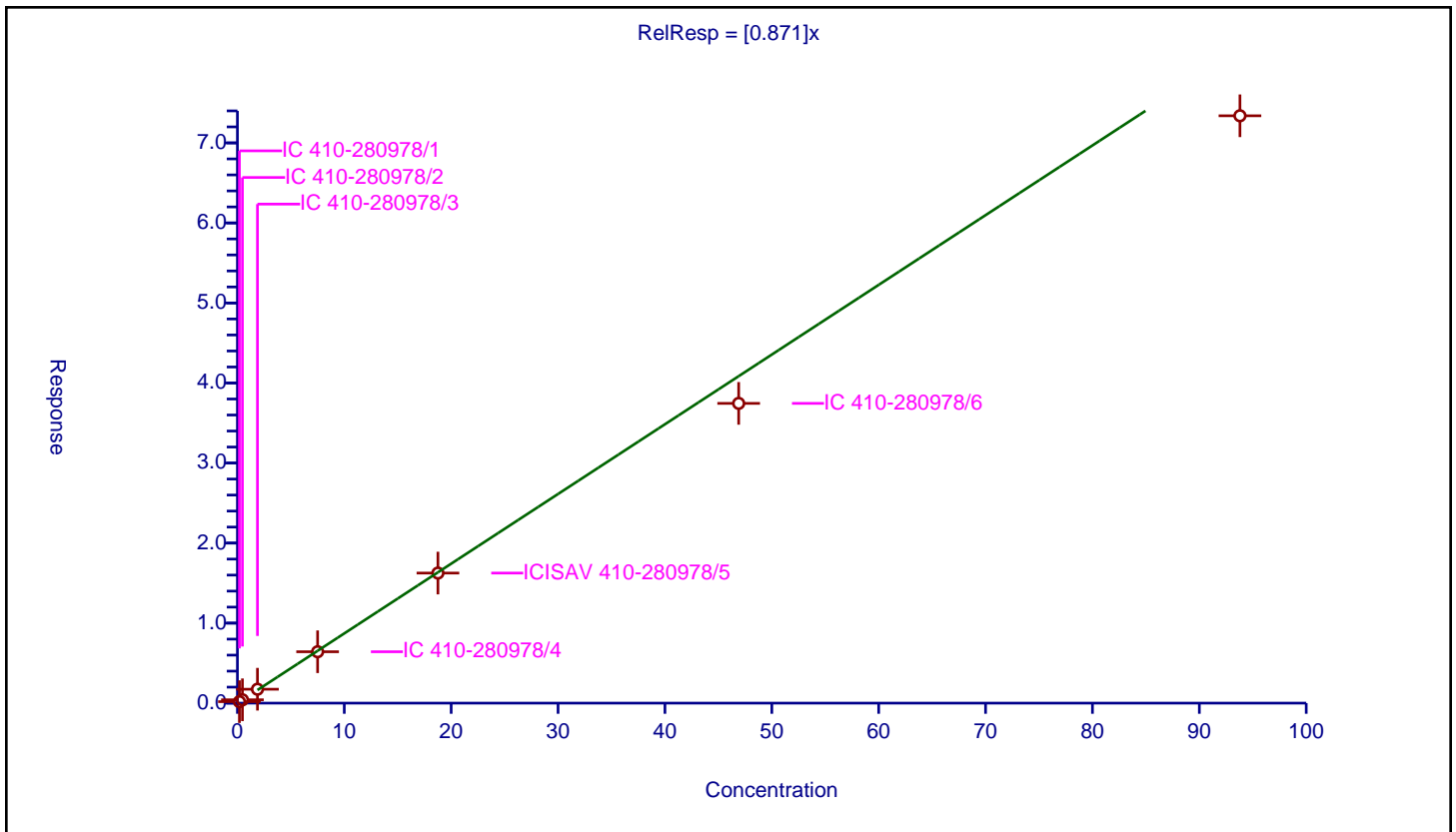
/ Perfluoropentanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.871

Error Coefficients	
Standard Error:	14500000
Relative Standard Error:	7.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1876	0.18399	9.3	4817771.0	0.980755	Y
2	IC 410-280978/2	0.469	0.416183	9.3	4690703.0	0.887384	Y
3	IC 410-280978/3	1.876	1.737408	9.3	4644475.0	0.926124	Y
4	IC 410-280978/4	7.504	6.419737	9.3	4534366.0	0.855509	Y
5	ICISAV 410-280978/5	18.76	16.251607	9.3	4509527.0	0.86629	Y
6	IC 410-280978/6	46.9	37.453906	9.3	4258112.0	0.798591	Y
7	IC 410-280978/7	93.8	73.389095	9.3	3780341.0	0.7824	Y



Calibration

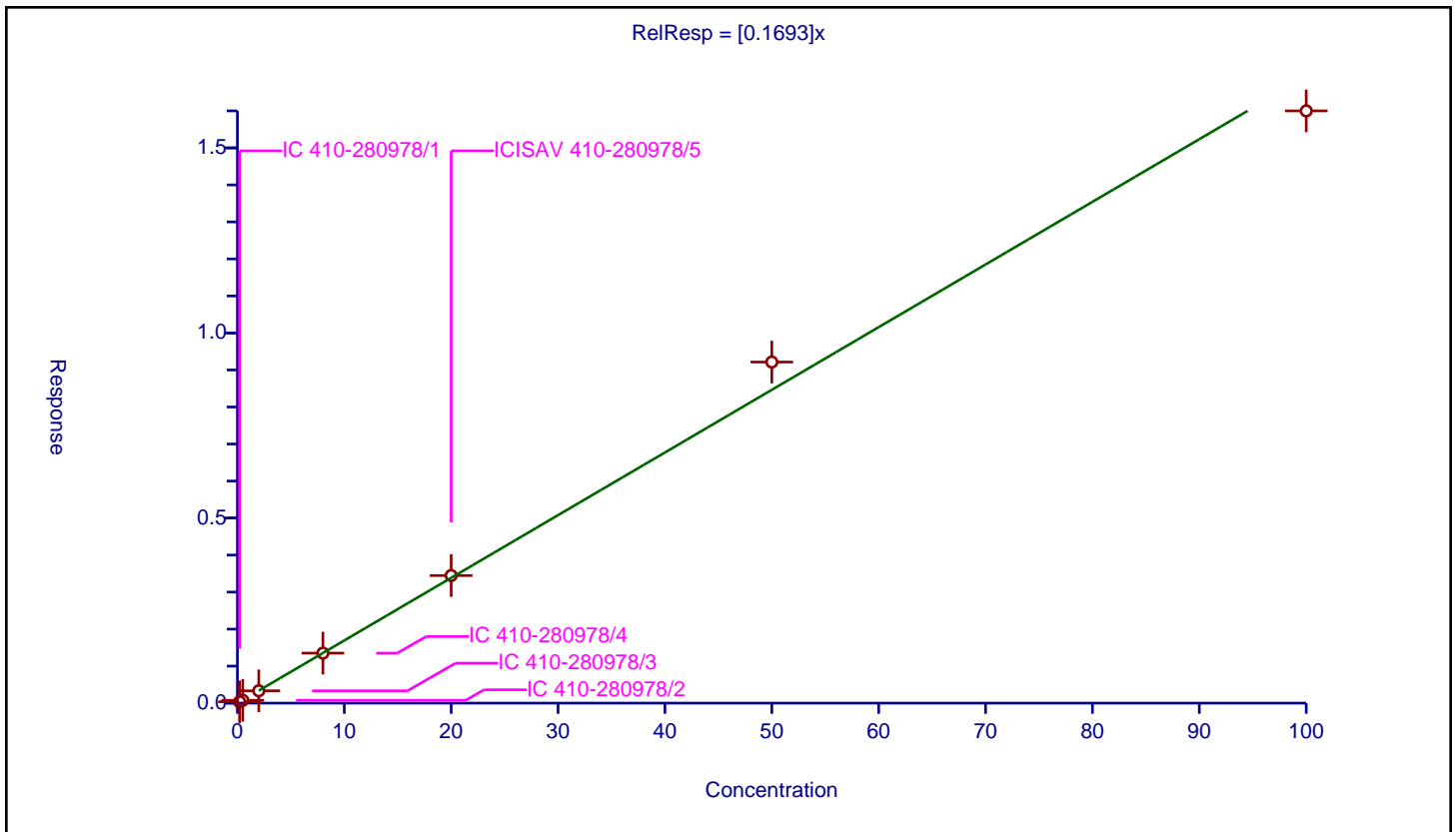
/ PFO3OA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1693

Error Coefficients	
Standard Error:	2780000
Relative Standard Error:	6.8
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.036309	10.0	4580998.0	0.181543	Y
2	IC 410-280978/2	0.5	0.075862	10.0	4495666.0	0.151724	Y
3	IC 410-280978/3	2.0	0.332463	10.0	4452101.0	0.166232	Y
4	IC 410-280978/4	8.0	1.35088	10.0	4348920.0	0.16886	Y
5	ICISAV 410-280978/5	20.0	3.44662	10.0	4257008.0	0.172331	Y
6	IC 410-280978/6	50.0	9.214768	10.0	3857191.0	0.184295	Y
7	IC 410-280978/7	100.0	15.999963	10.0	3499710.0	0.16	Y



Calibration

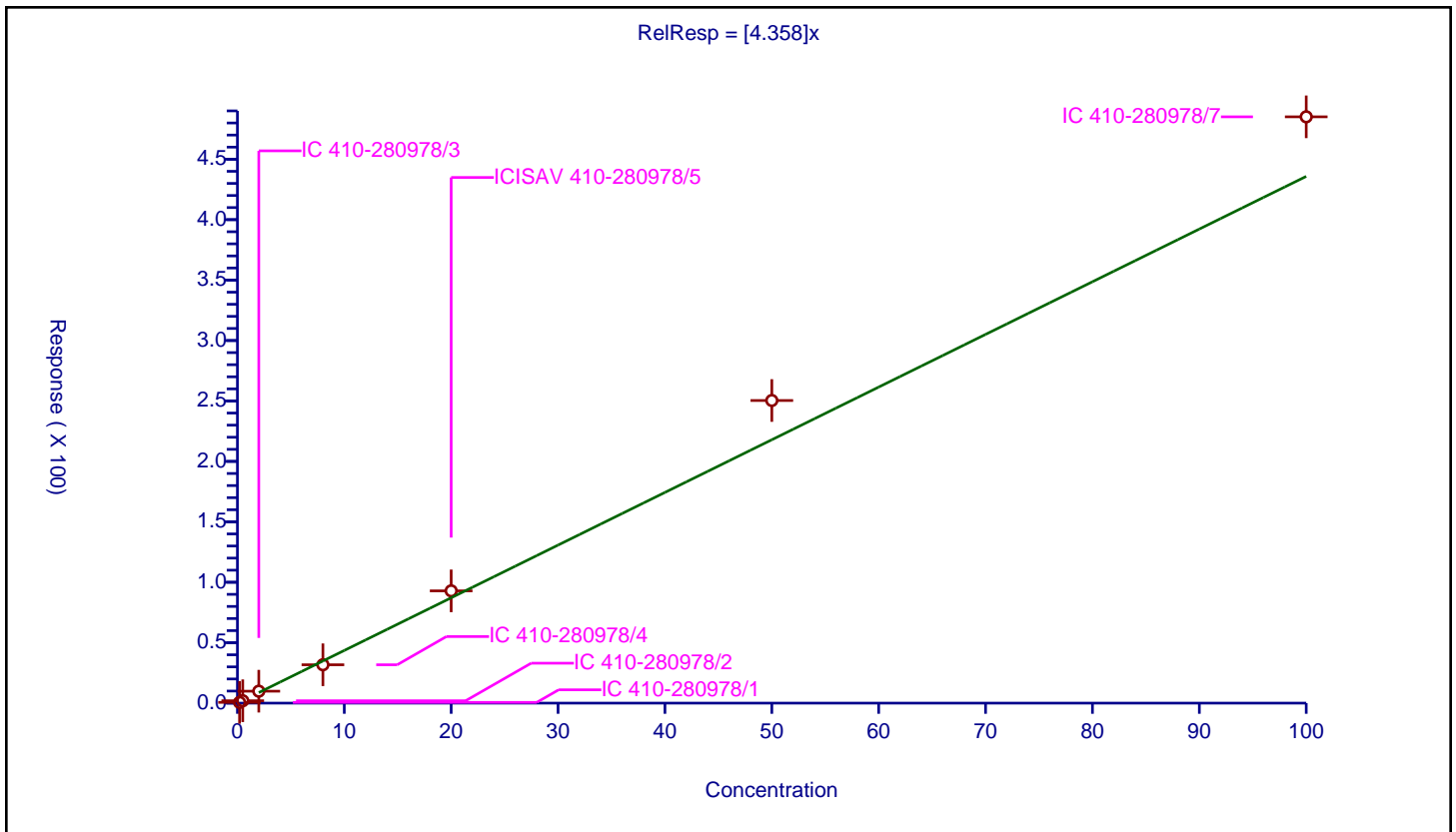
/ Perfluoro(2-propoxypropanoic) acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.358

Error Coefficients	
Standard Error:	2710000
Relative Standard Error:	15.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.632803	10.0	185271.0	3.164014	Y
2	IC 410-280978/2	0.5	1.963699	10.0	163467.0	3.927398	Y
3	IC 410-280978/3	2.0	9.885152	10.0	149154.0	4.942576	Y
4	IC 410-280978/4	8.0	31.752634	10.0	146665.0	3.969079	Y
5	ICISAV 410-280978/5	20.0	92.89602	10.0	144412.0	4.644801	Y
6	IC 410-280978/6	50.0	250.388499	10.0	124994.0	5.00777	Y
7	IC 410-280978/7	100.0	485.094665	10.0	117256.0	4.850947	Y



Calibration

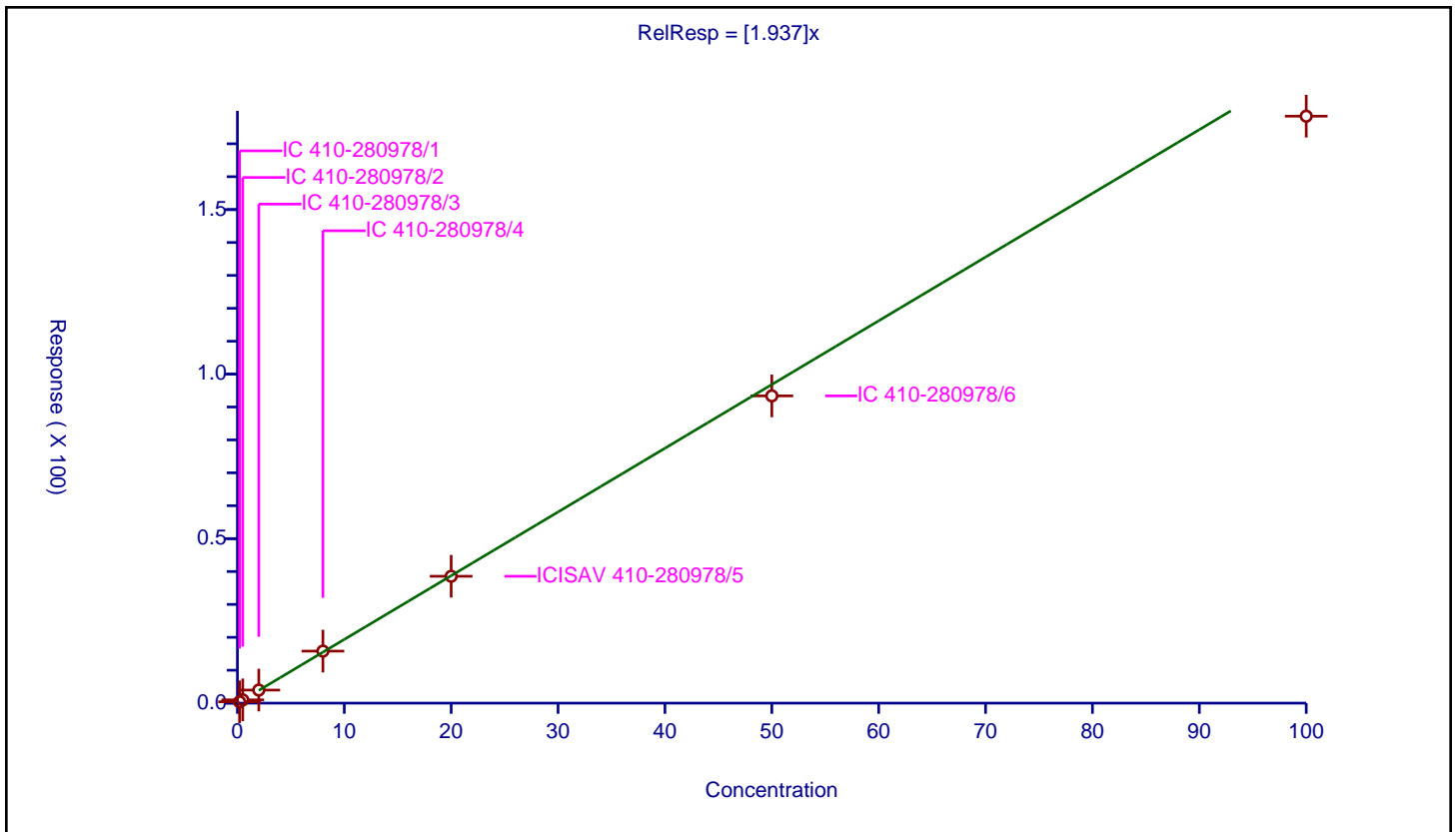
/ Hydro-EVE Acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.937

Error Coefficients	
Standard Error:	30300000
Relative Standard Error:	4.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.407121	10.0	4580998.0	2.035604	Y
2	IC 410-280978/2	0.5	0.989602	10.0	4495666.0	1.979204	Y
3	IC 410-280978/3	2.0	3.970932	10.0	4452101.0	1.985466	Y
4	IC 410-280978/4	8.0	15.813351	10.0	4348920.0	1.976669	Y
5	ICISAV 410-280978/5	20.0	38.557259	10.0	4257008.0	1.927863	Y
6	IC 410-280978/6	50.0	93.384022	10.0	3857191.0	1.86768	Y
7	IC 410-280978/7	100.0	178.390304	10.0	3499710.0	1.783903	Y



Calibration

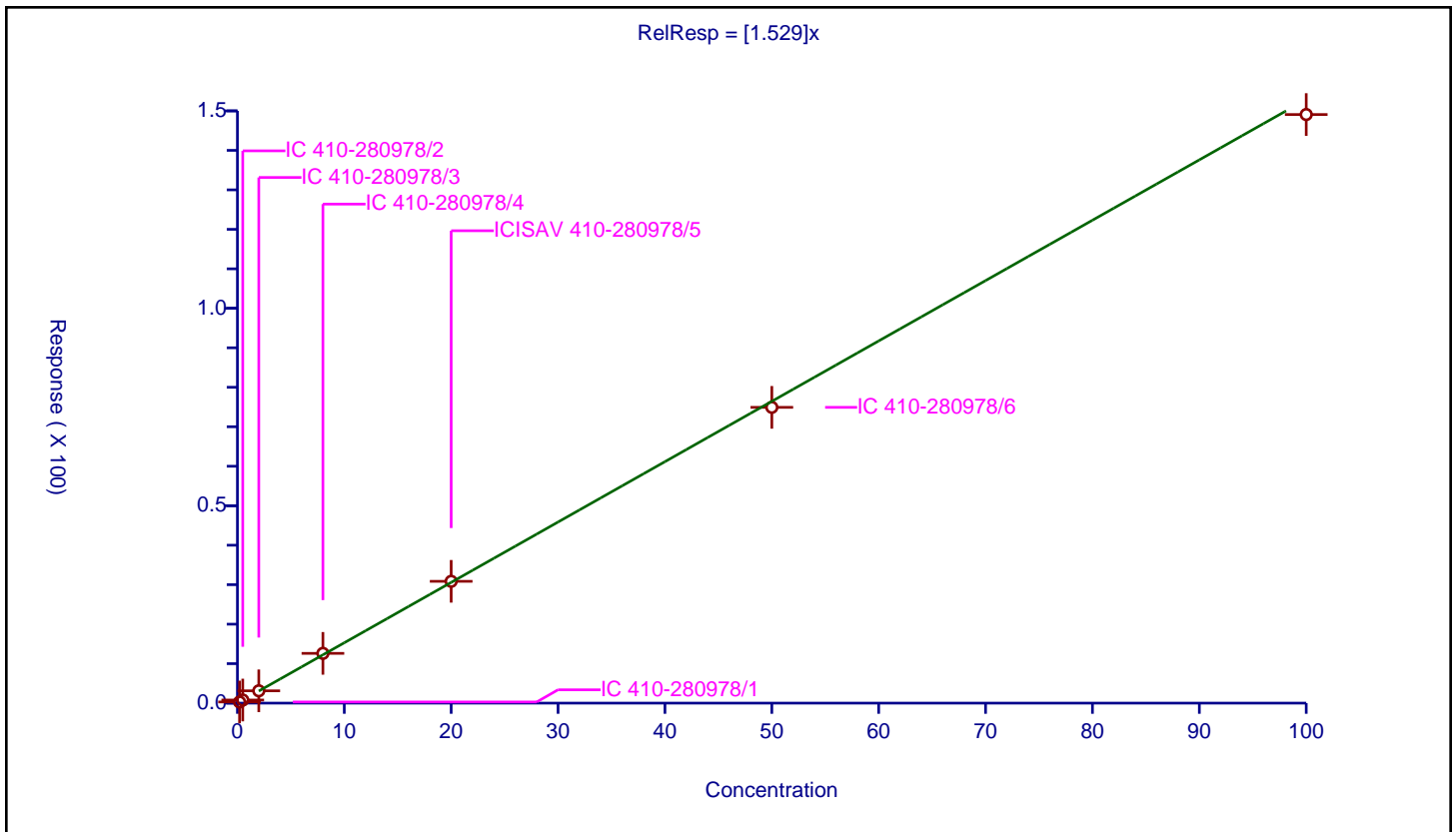
/ Hydro-PS Acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.529

Error Coefficients	
Standard Error:	29200000
Relative Standard Error:	2.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.293487	9.3	4817771.0	1.467435	Y
2	IC 410-280978/2	0.5	0.783282	9.3	4690703.0	1.566563	Y
3	IC 410-280978/3	2.0	3.12099	9.3	4644475.0	1.560495	Y
4	IC 410-280978/4	8.0	12.606057	9.3	4534366.0	1.575757	Y
5	ICISAV 410-280978/5	20.0	30.848384	9.3	4509527.0	1.542419	Y
6	IC 410-280978/6	50.0	74.916728	9.3	4258112.0	1.498335	Y
7	IC 410-280978/7	100.0	149.078899	9.3	3780341.0	1.490789	Y



Calibration

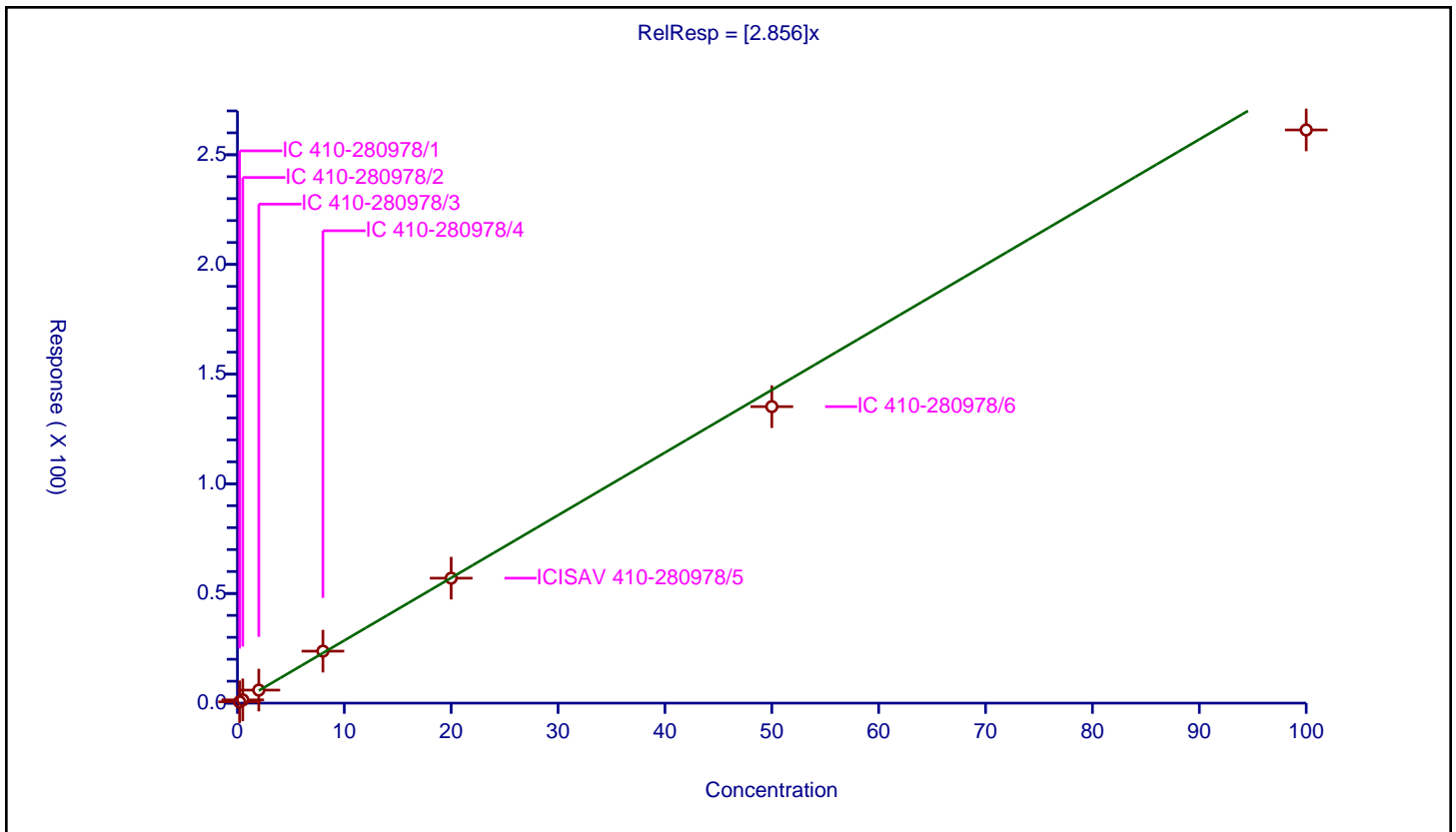
/ R-PSDCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.856

Error Coefficients	
Standard Error:	51700000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.586065	9.3	4817771.0	2.930325	Y
2	IC 410-280978/2	0.5	1.479914	9.3	4690703.0	2.959828	Y
3	IC 410-280978/3	2.0	5.943742	9.3	4644475.0	2.971871	Y
4	IC 410-280978/4	8.0	23.698009	9.3	4534366.0	2.962251	Y
5	ICISAV 410-280978/5	20.0	56.967996	9.3	4509527.0	2.8484	Y
6	IC 410-280978/6	50.0	135.177162	9.3	4258112.0	2.703543	Y
7	IC 410-280978/7	100.0	261.314919	9.3	3780341.0	2.613149	Y



Calibration

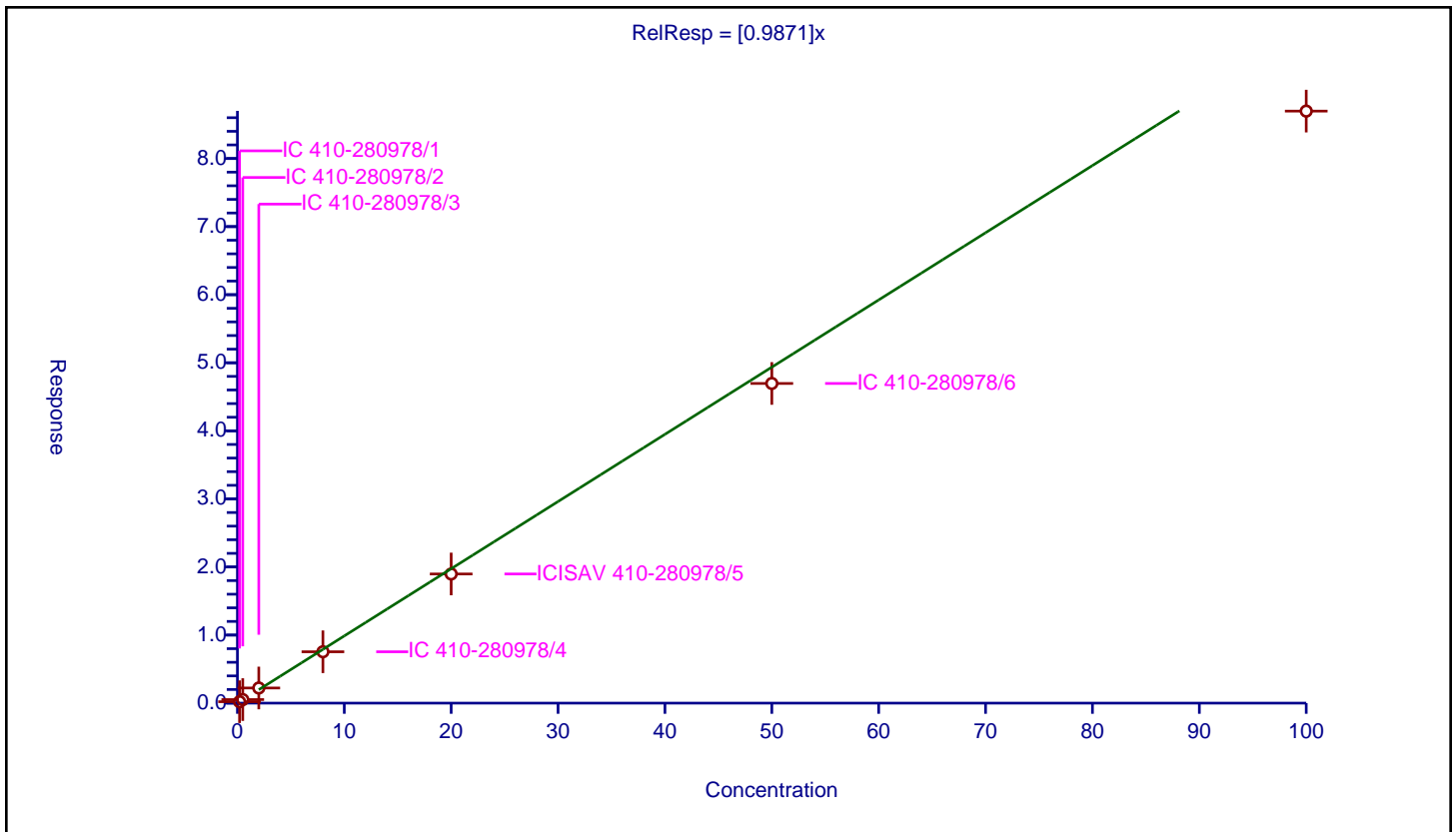
/ Perfluoroheptanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9871

Error Coefficients	
Standard Error:	20500000
Relative Standard Error:	8.5
Correlation Coefficient:	0.973
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.21119	10.0	8084474.0	1.05595	Y
2	IC 410-280978/2	0.5	0.520985	10.0	7781023.0	1.041971	Y
3	IC 410-280978/3	2.0	2.222453	10.0	7503668.0	1.111227	Y
4	IC 410-280978/4	8.0	7.547025	10.0	7315082.0	0.943378	Y
5	ICISAV 410-280978/5	20.0	18.97263	10.0	6766531.0	0.948632	Y
6	IC 410-280978/6	50.0	46.957737	10.0	5646816.0	0.939155	Y
7	IC 410-280978/7	100.0	86.970124	10.0	4626087.0	0.869701	Y



Calibration

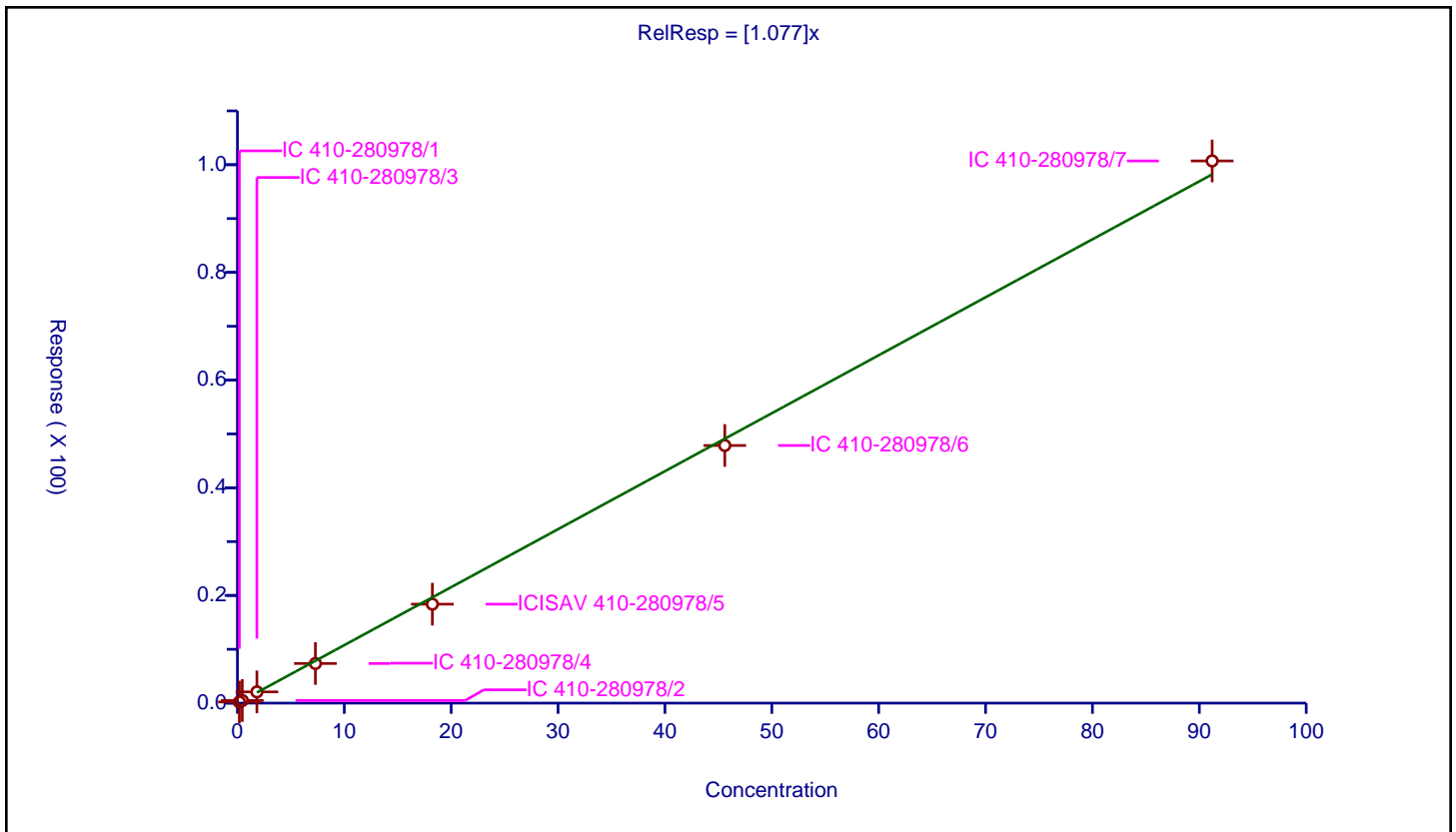
/ Perfluorohexanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.077

Error Coefficients	
Standard Error:	12900000
Relative Standard Error:	5.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1824	0.210644	9.46	3999849.0	1.154848	Y
2	IC 410-280978/2	0.456	0.486898	9.46	3864397.0	1.067758	Y
3	IC 410-280978/3	1.824	2.088504	9.46	3742081.0	1.145013	Y
4	IC 410-280978/4	7.296	7.361336	9.46	3714539.0	1.008955	Y
5	ICISAV 410-280978/5	18.24	18.381453	9.46	3557177.0	1.007755	Y
6	IC 410-280978/6	45.6	47.853875	9.46	3075912.0	1.049427	Y
7	IC 410-280978/7	91.2	100.70558	9.46	2482739.0	1.104228	Y



Calibration

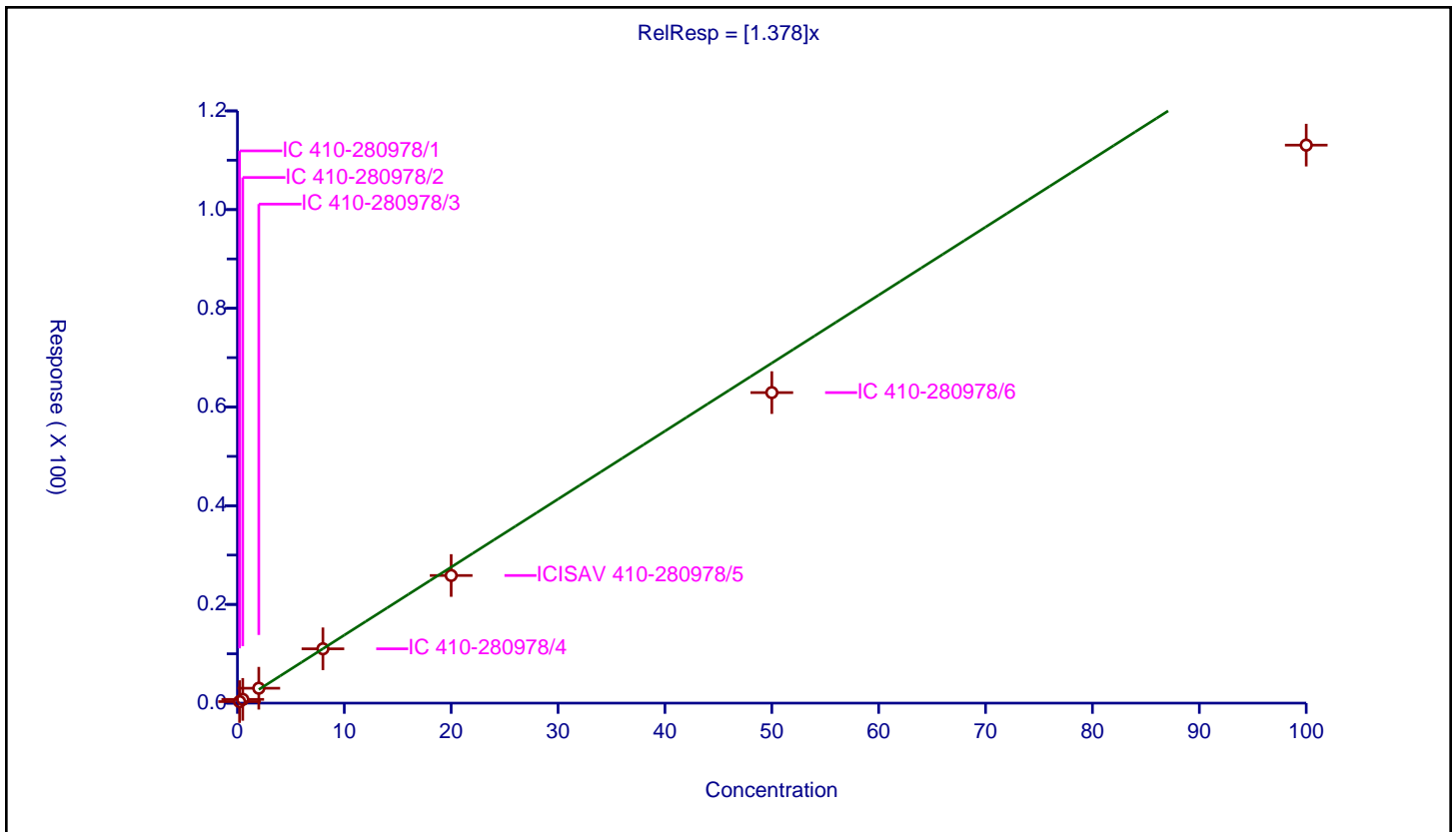
/ PFO4DA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.378

Error Coefficients	
Standard Error:	19600000
Relative Standard Error:	11.6
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.311919	10.0	4580998.0	1.559595	Y
2	IC 410-280978/2	0.5	0.759883	10.0	4495666.0	1.519766	Y
3	IC 410-280978/3	2.0	3.017167	10.0	4452101.0	1.508583	Y
4	IC 410-280978/4	8.0	11.00602	10.0	4348920.0	1.375752	Y
5	ICISAV 410-280978/5	20.0	25.862653	10.0	4257008.0	1.293133	Y
6	IC 410-280978/6	50.0	62.919	10.0	3857191.0	1.25838	Y
7	IC 410-280978/7	100.0	113.066503	10.0	3499710.0	1.130665	Y



Calibration

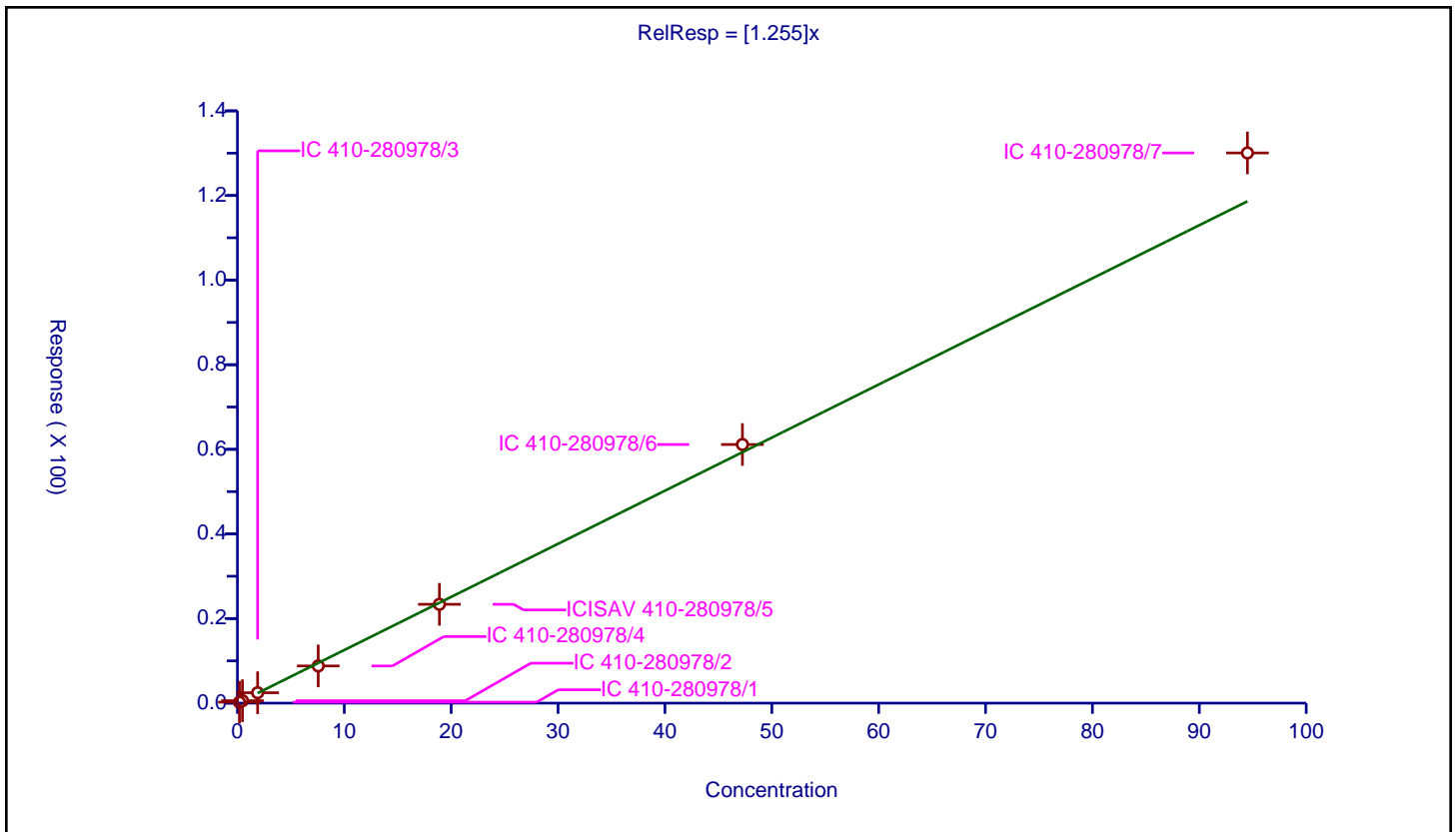
/ DONA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.255

Error Coefficients	
Standard Error:	29200000
Relative Standard Error:	5.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.189	0.226937	10.0	8084474.0	1.200727	Y
2	IC 410-280978/2	0.4725	0.574254	10.0	7781023.0	1.215351	Y
3	IC 410-280978/3	1.89	2.45982	10.0	7503668.0	1.301492	Y
4	IC 410-280978/4	7.56	8.79237	10.0	7315082.0	1.163012	Y
5	ICISAV 410-280978/5	18.9	23.362444	10.0	6766531.0	1.236108	Y
6	IC 410-280978/6	47.25	61.136219	10.0	5646816.0	1.293888	Y
7	IC 410-280978/7	94.5	130.059592	10.0	4626087.0	1.376292	Y



Calibration

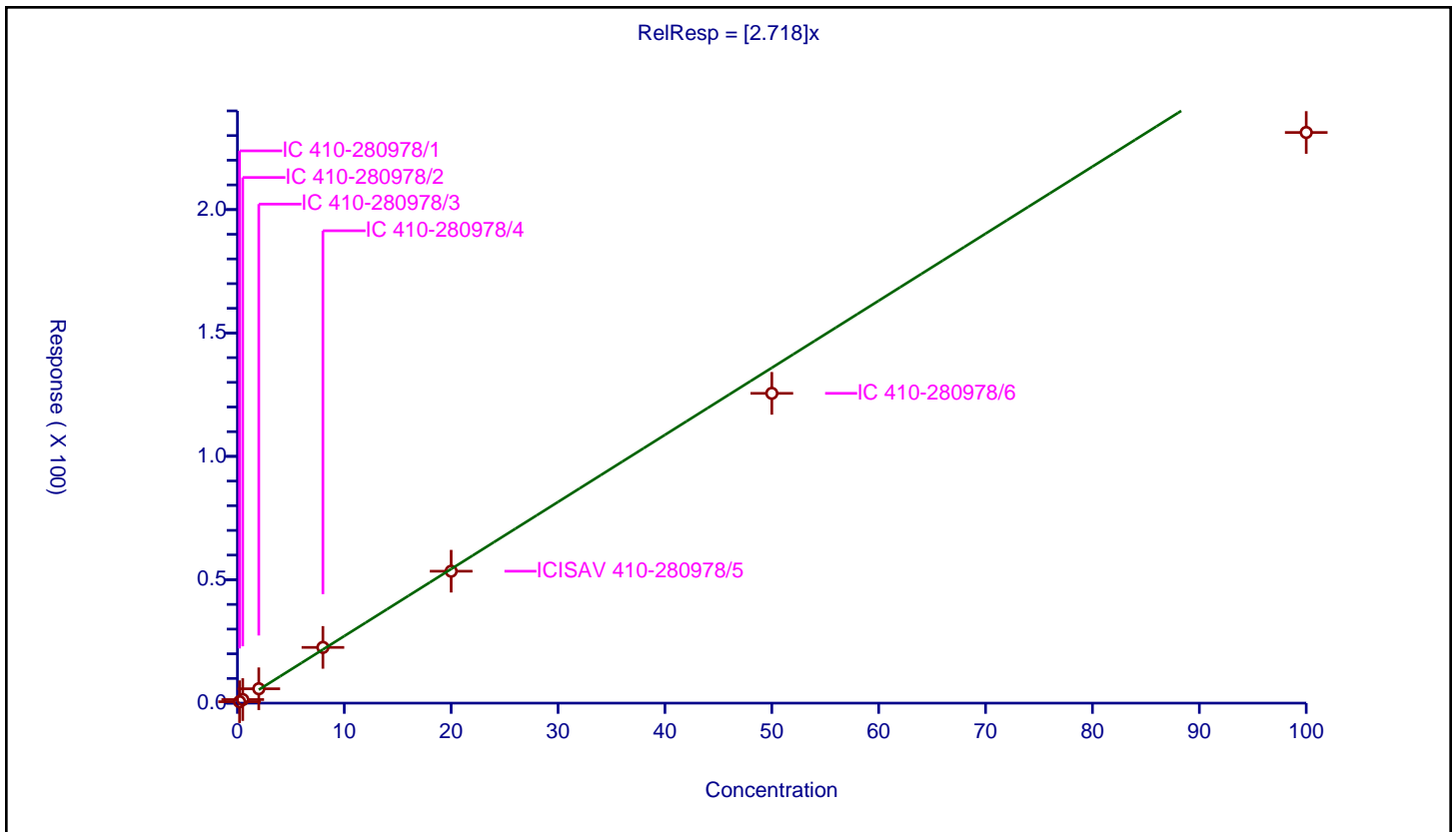
/ PFECA G

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.718

Error Coefficients	
Standard Error:	39800000
Relative Standard Error:	8.5
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.578872	10.0	4580998.0	2.894358	Y
2	IC 410-280978/2	0.5	1.44878	10.0	4495666.0	2.89756	Y
3	IC 410-280978/3	2.0	5.826393	10.0	4452101.0	2.913196	Y
4	IC 410-280978/4	8.0	22.587601	10.0	4348920.0	2.82345	Y
5	ICISAV 410-280978/5	20.0	53.46258	10.0	4257008.0	2.673129	Y
6	IC 410-280978/6	50.0	125.541183	10.0	3857191.0	2.510824	Y
7	IC 410-280978/7	100.0	231.250284	10.0	3499710.0	2.312503	Y



Calibration

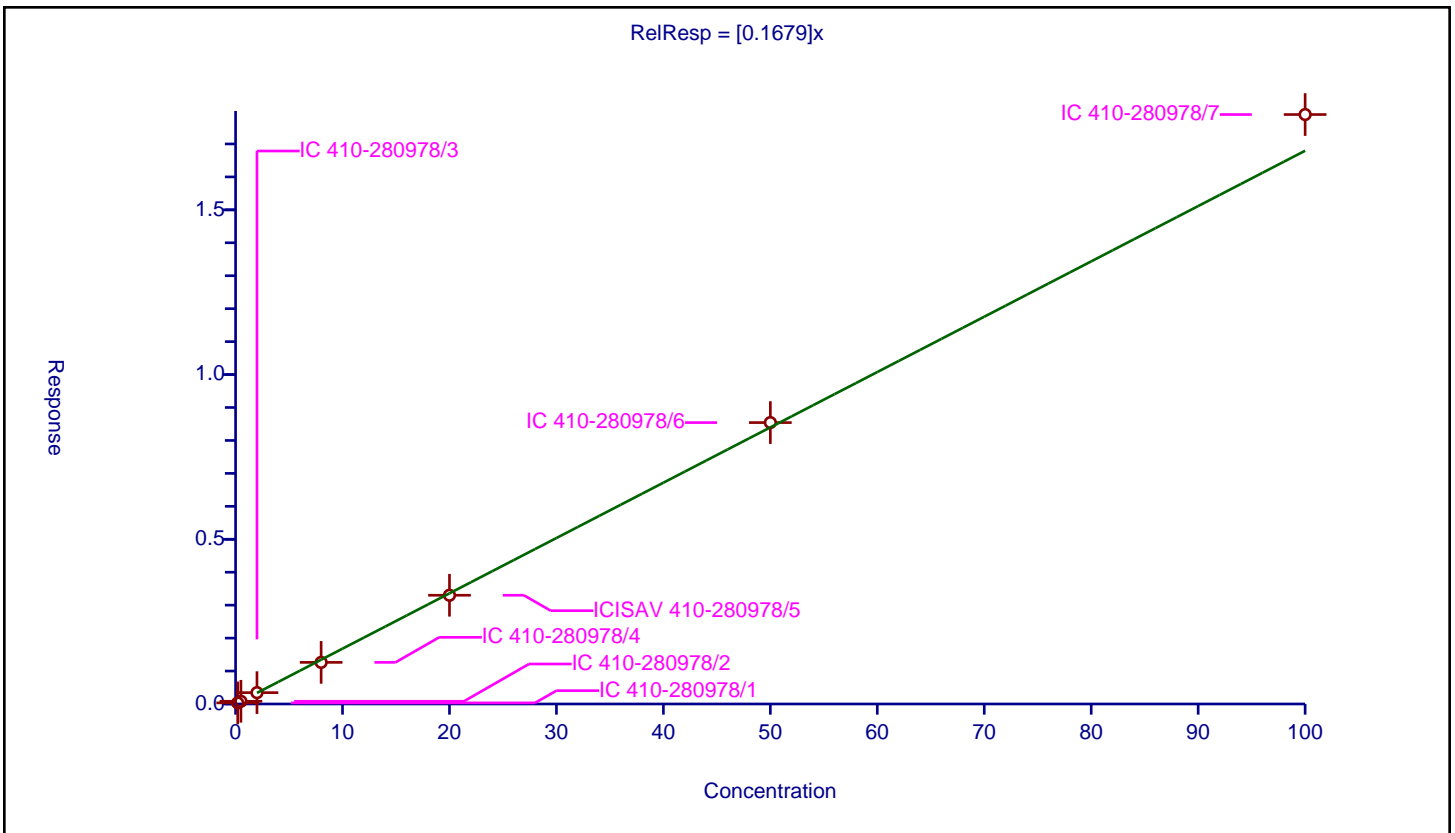
/ 5:3 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1679

Error Coefficients	
Standard Error:	4040000
Relative Standard Error:	4.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.033464	10.0	8084474.0	0.167321	Y
2	IC 410-280978/2	0.5	0.081776	10.0	7781023.0	0.163552	Y
3	IC 410-280978/3	2.0	0.344066	10.0	7503668.0	0.172033	Y
4	IC 410-280978/4	8.0	1.262914	10.0	7315082.0	0.157864	Y
5	ICISAV 410-280978/5	20.0	3.300366	10.0	6766531.0	0.165018	Y
6	IC 410-280978/6	50.0	8.542414	10.0	5646816.0	0.170848	Y
7	IC 410-280978/7	100.0	17.893483	10.0	4626087.0	0.178935	Y



Calibration

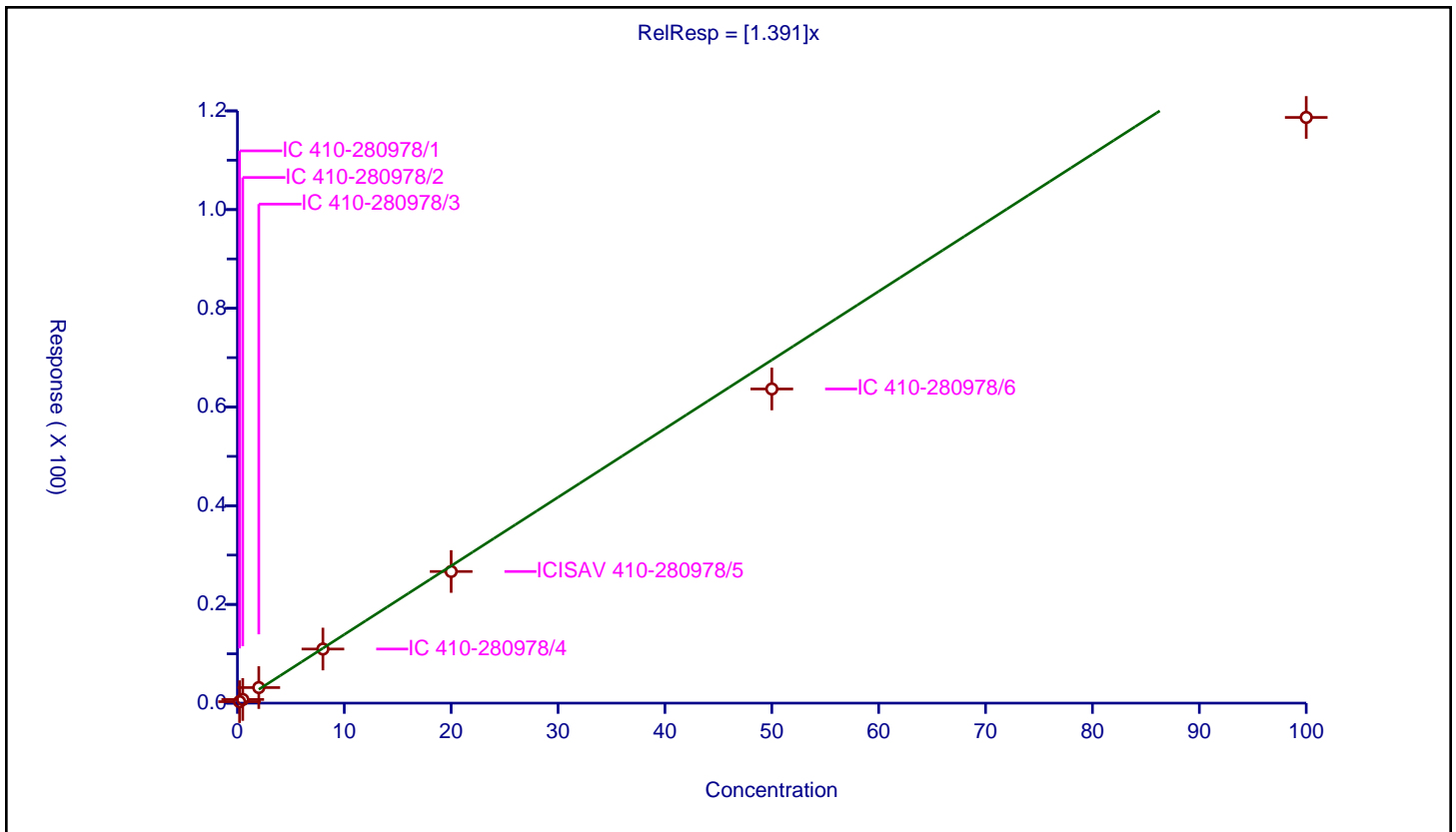
/ 6:2 FTUCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.391

Error Coefficients	
Standard Error:	21400000
Relative Standard Error:	10.0
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.301219	10.0	4779844.0	1.506095	Y
2	IC 410-280978/2	0.5	0.743672	10.0	4745024.0	1.487343	Y
3	IC 410-280978/3	2.0	3.153692	10.0	4500845.0	1.576846	Y
4	IC 410-280978/4	8.0	10.960986	10.0	4680600.0	1.370123	Y
5	ICISAV 410-280978/5	20.0	26.669731	10.0	4316420.0	1.333487	Y
6	IC 410-280978/6	50.0	63.654258	10.0	4111946.0	1.273085	Y
7	IC 410-280978/7	100.0	118.673028	10.0	3667755.0	1.18673	Y



Calibration

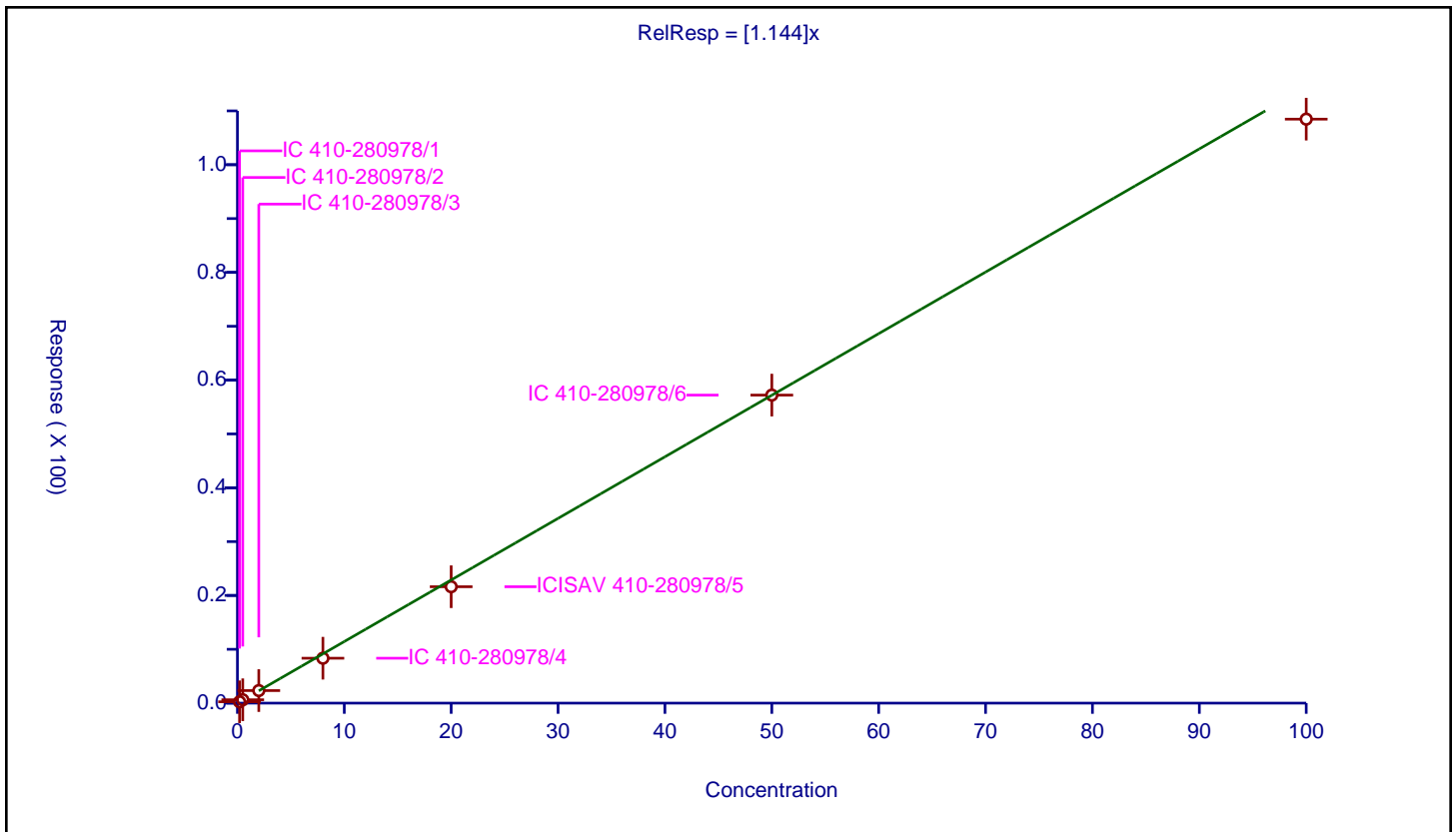
/ 6:2 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.144

Error Coefficients	
Standard Error:	1080000
Relative Standard Error:	7.0
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.247691	10.0	322821.0	1.238457	Y
2	IC 410-280978/2	0.5	0.624498	10.0	317503.0	1.248996	Y
3	IC 410-280978/3	2.0	2.33253	10.0	330881.0	1.166265	Y
4	IC 410-280978/4	8.0	8.342499	10.0	323487.0	1.042812	Y
5	ICISAV 410-280978/5	20.0	21.619947	10.0	307831.0	1.080997	Y
6	IC 410-280978/6	50.0	57.212258	10.0	226427.0	1.144245	Y
7	IC 410-280978/7	100.0	108.465713	10.0	202322.0	1.084657	Y



Calibration

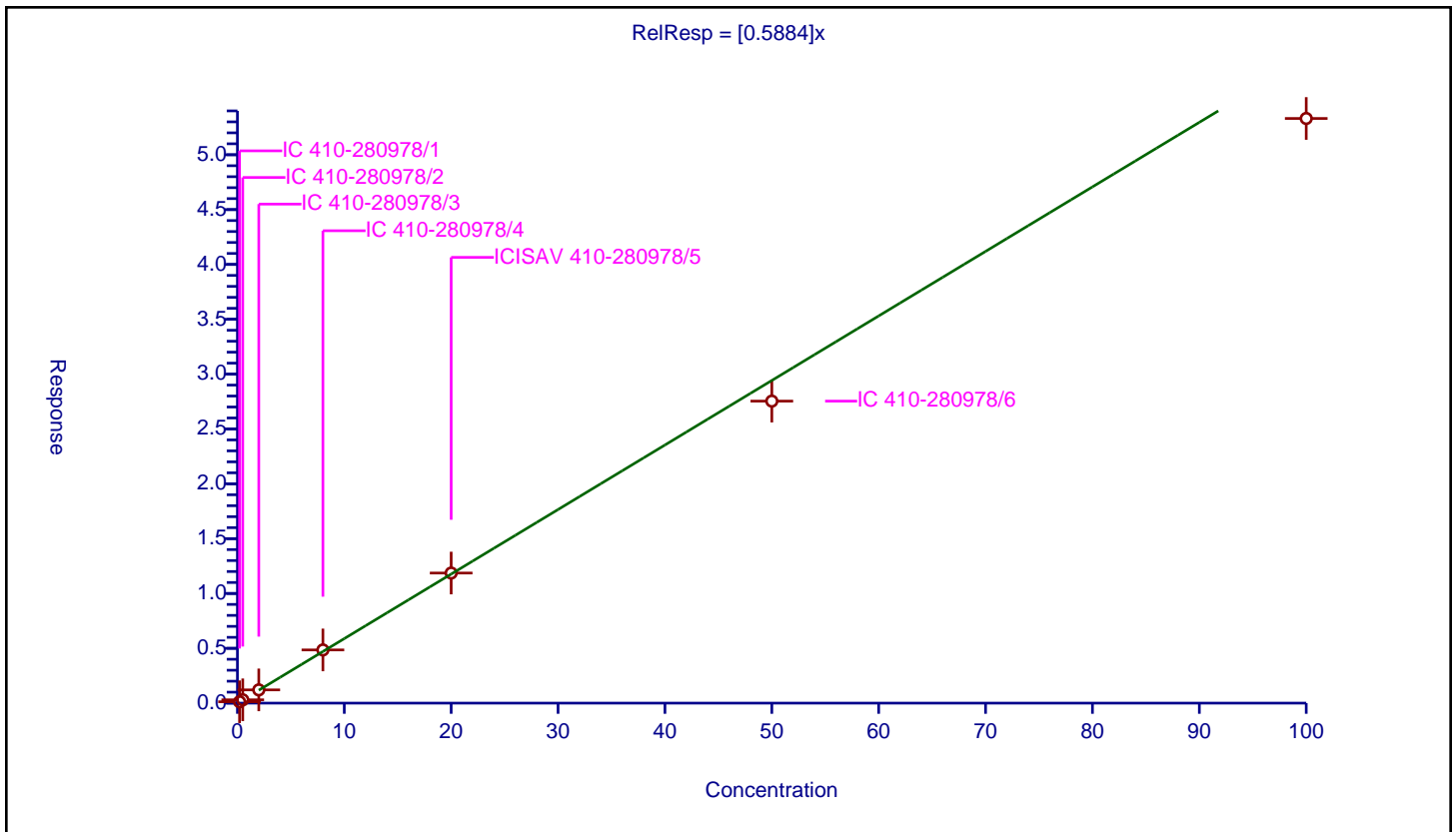
/ PS Acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5884

Error Coefficients	
Standard Error:	10500000
Relative Standard Error:	5.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.125407	9.3	4817771.0	0.627037	Y
2	IC 410-280978/2	0.5	0.302464	9.3	4690703.0	0.604929	Y
3	IC 410-280978/3	2.0	1.207114	9.3	4644475.0	0.603557	Y
4	IC 410-280978/4	8.0	4.851452	9.3	4534366.0	0.606431	Y
5	ICISAV 410-280978/5	20.0	11.860853	9.3	4509527.0	0.593043	Y
6	IC 410-280978/6	50.0	27.53751	9.3	4258112.0	0.55075	Y
7	IC 410-280978/7	100.0	53.307749	9.3	3780341.0	0.533077	Y



Calibration

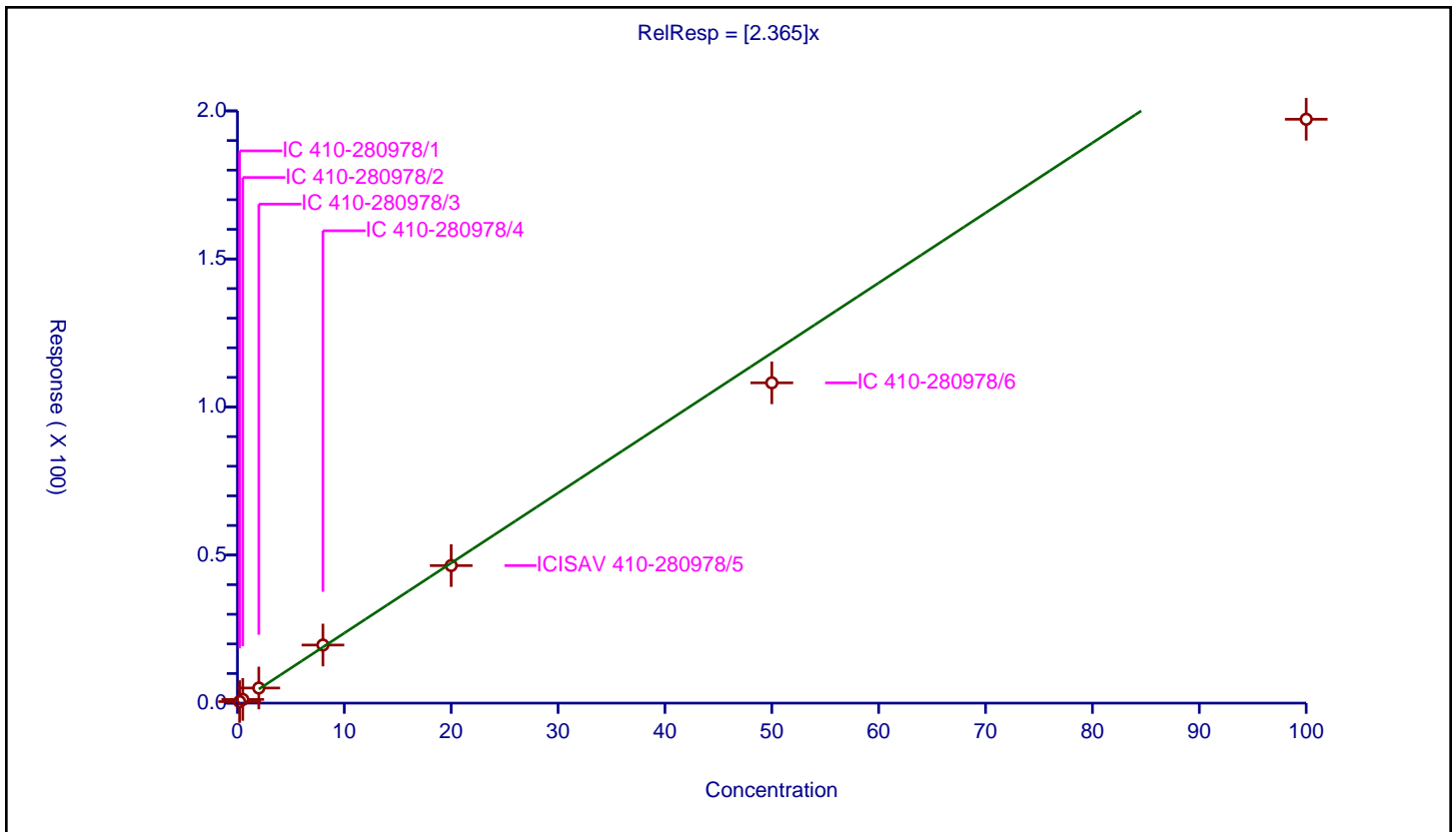
/ EVE Acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.365

Error Coefficients	
Standard Error:	34100000
Relative Standard Error:	9.7
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.521439	10.0	4580998.0	2.607194	Y
2	IC 410-280978/2	0.5	1.243084	10.0	4495666.0	2.486168	Y
3	IC 410-280978/3	2.0	5.104264	10.0	4452101.0	2.552132	Y
4	IC 410-280978/4	8.0	19.61776	10.0	4348920.0	2.45222	Y
5	ICISAV 410-280978/5	20.0	46.455008	10.0	4257008.0	2.32275	Y
6	IC 410-280978/6	50.0	108.173375	10.0	3857191.0	2.163468	Y
7	IC 410-280978/7	100.0	197.177835	10.0	3499710.0	1.971778	Y



Calibration

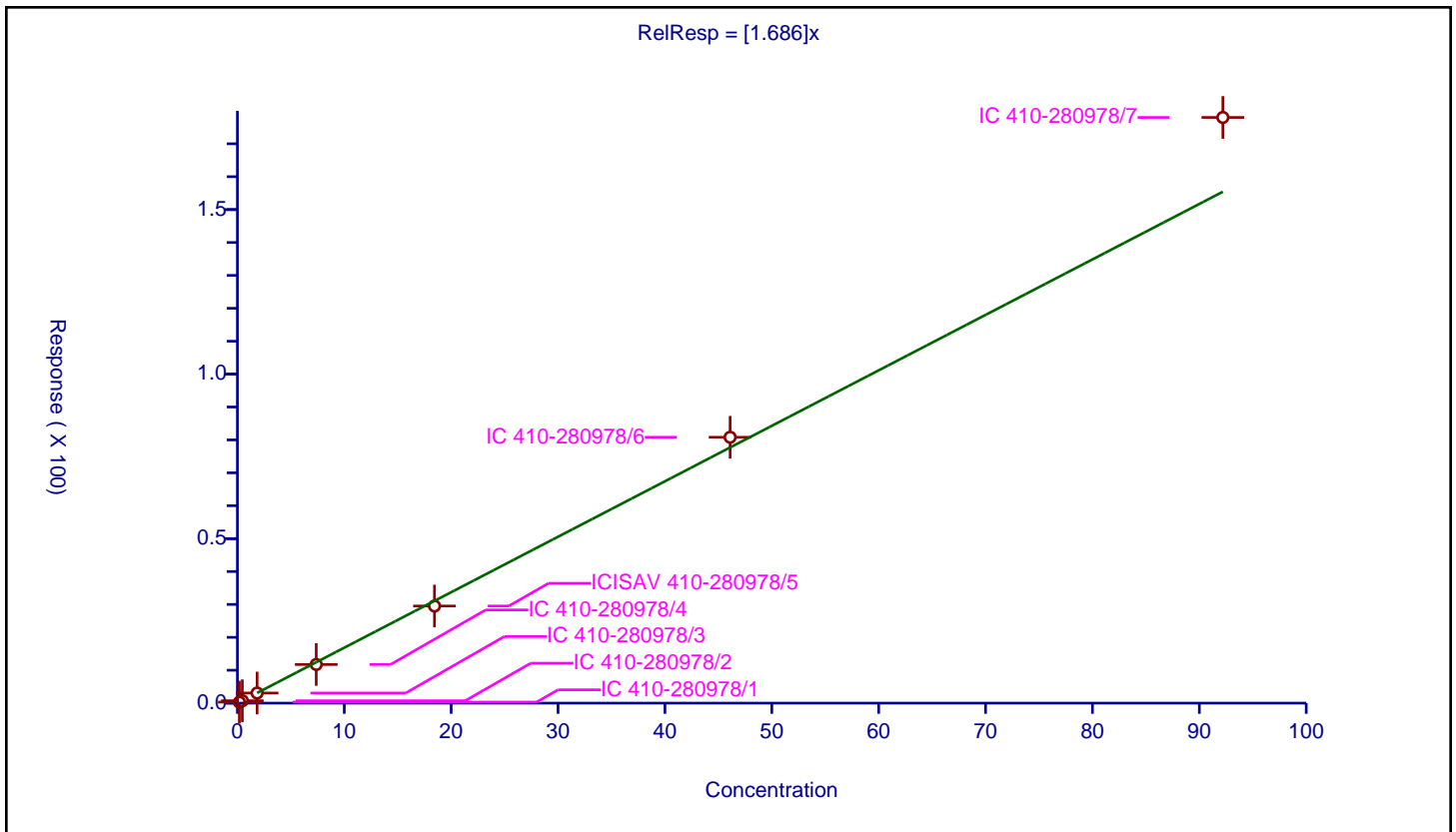
/ PFECHS

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.686

Error Coefficients	
Standard Error:	22400000
Relative Standard Error:	7.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1844	0.310153	9.46	3999849.0	1.681958	Y
2	IC 410-280978/2	0.461	0.72552	9.46	3864397.0	1.573797	Y
3	IC 410-280978/3	1.844	3.072962	9.46	3742081.0	1.666465	Y
4	IC 410-280978/4	7.376	11.749716	9.46	3714539.0	1.592966	Y
5	ICISAV 410-280978/5	18.44	29.515556	9.46	3557177.0	1.600627	Y
6	IC 410-280978/6	46.1	80.803232	9.46	3075912.0	1.752782	Y
7	IC 410-280978/7	92.2	178.000949	9.46	2482739.0	1.930596	Y



Calibration

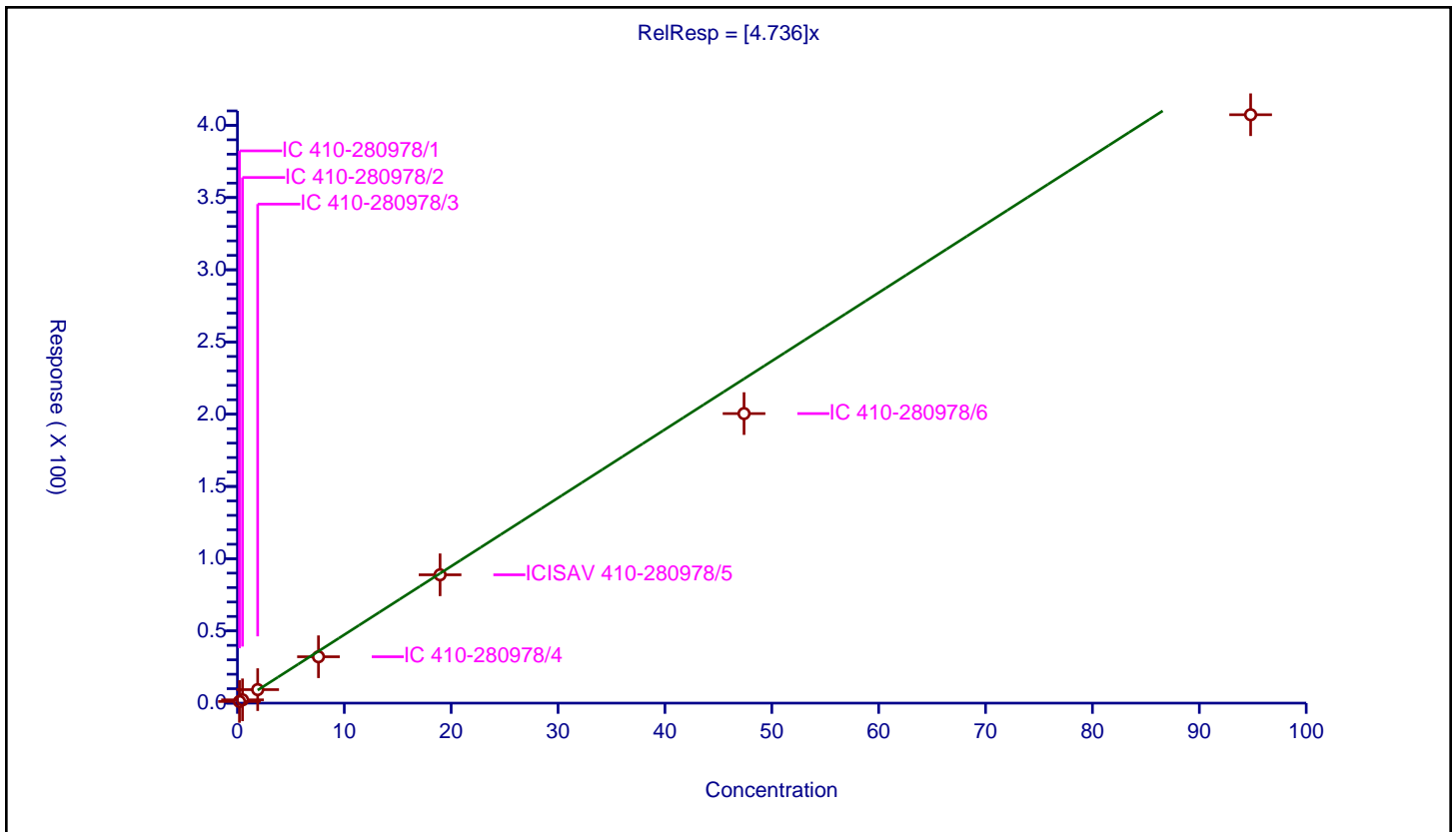
/ 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.736

Error Coefficients	
Standard Error:	2690000
Relative Standard Error:	13.0
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1896	1.132638	9.5	208119.0	5.973829	Y
2	IC 410-280978/2	0.474	2.275144	9.5	198289.0	4.799882	Y
3	IC 410-280978/3	1.896	9.354558	9.5	188181.0	4.933838	Y
4	IC 410-280978/4	7.584	32.101901	9.5	197050.0	4.232846	Y
5	ICISAV 410-280978/5	18.96	88.838636	9.5	171491.0	4.685582	Y
6	IC 410-280978/6	47.4	200.455446	9.5	157865.0	4.229018	Y
7	IC 410-280978/7	94.8	407.338719	9.5	126137.0	4.296822	Y



Calibration

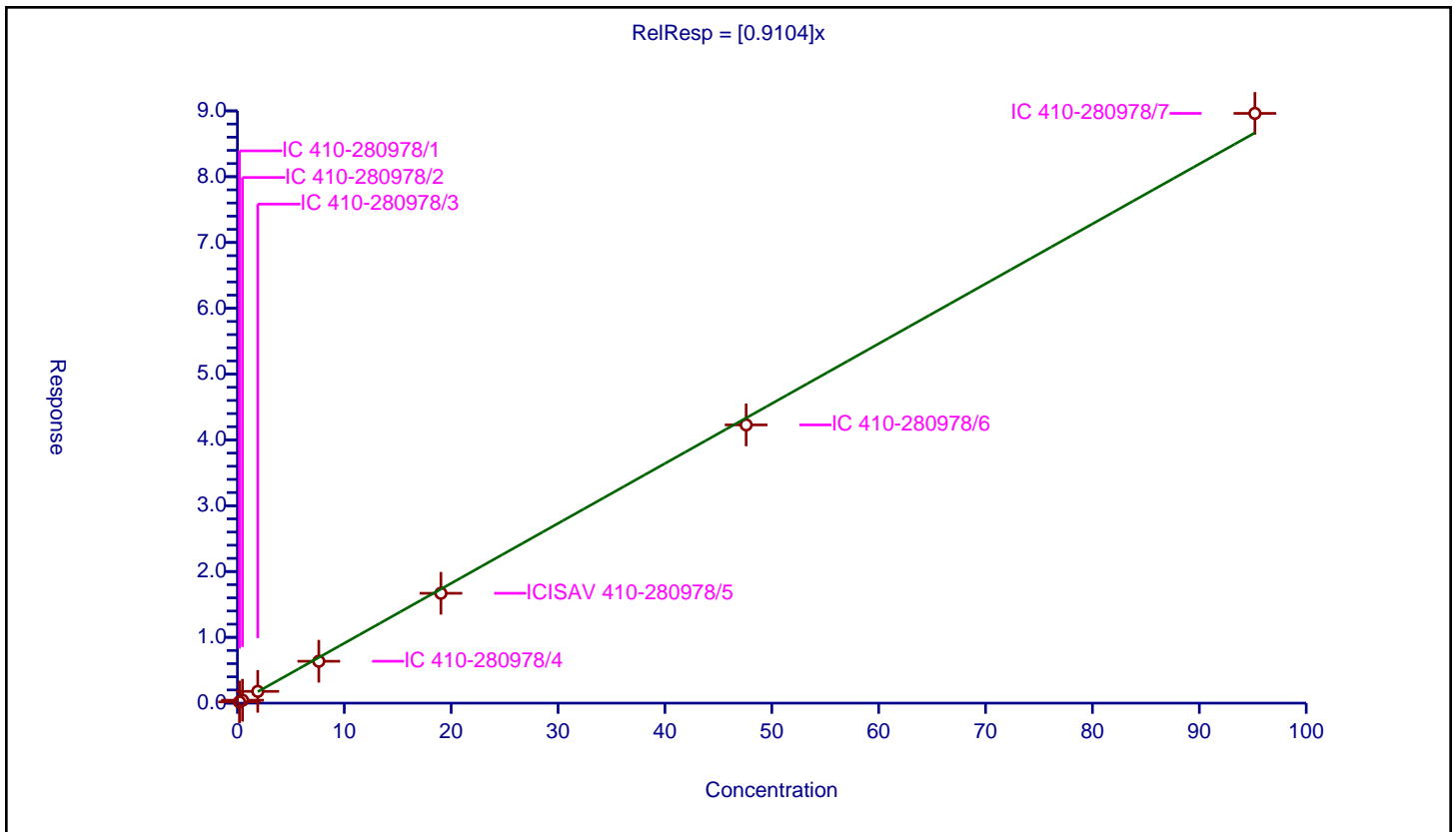
/ Perfluoroheptanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9104

Error Coefficients	
Standard Error:	11500000
Relative Standard Error:	4.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1904	0.182781	9.46	3999849.0	0.959985	Y
2	IC 410-280978/2	0.476	0.444119	9.46	3864397.0	0.933023	Y
3	IC 410-280978/3	1.904	1.785343	9.46	3742081.0	0.93768	Y
4	IC 410-280978/4	7.616	6.362827	9.46	3714539.0	0.835455	Y
5	ICISAV 410-280978/5	19.04	16.692452	9.46	3557177.0	0.876704	Y
6	IC 410-280978/6	47.6	42.280259	9.46	3075912.0	0.888241	Y
7	IC 410-280978/7	95.2	89.618259	9.46	2482739.0	0.941368	Y



Calibration

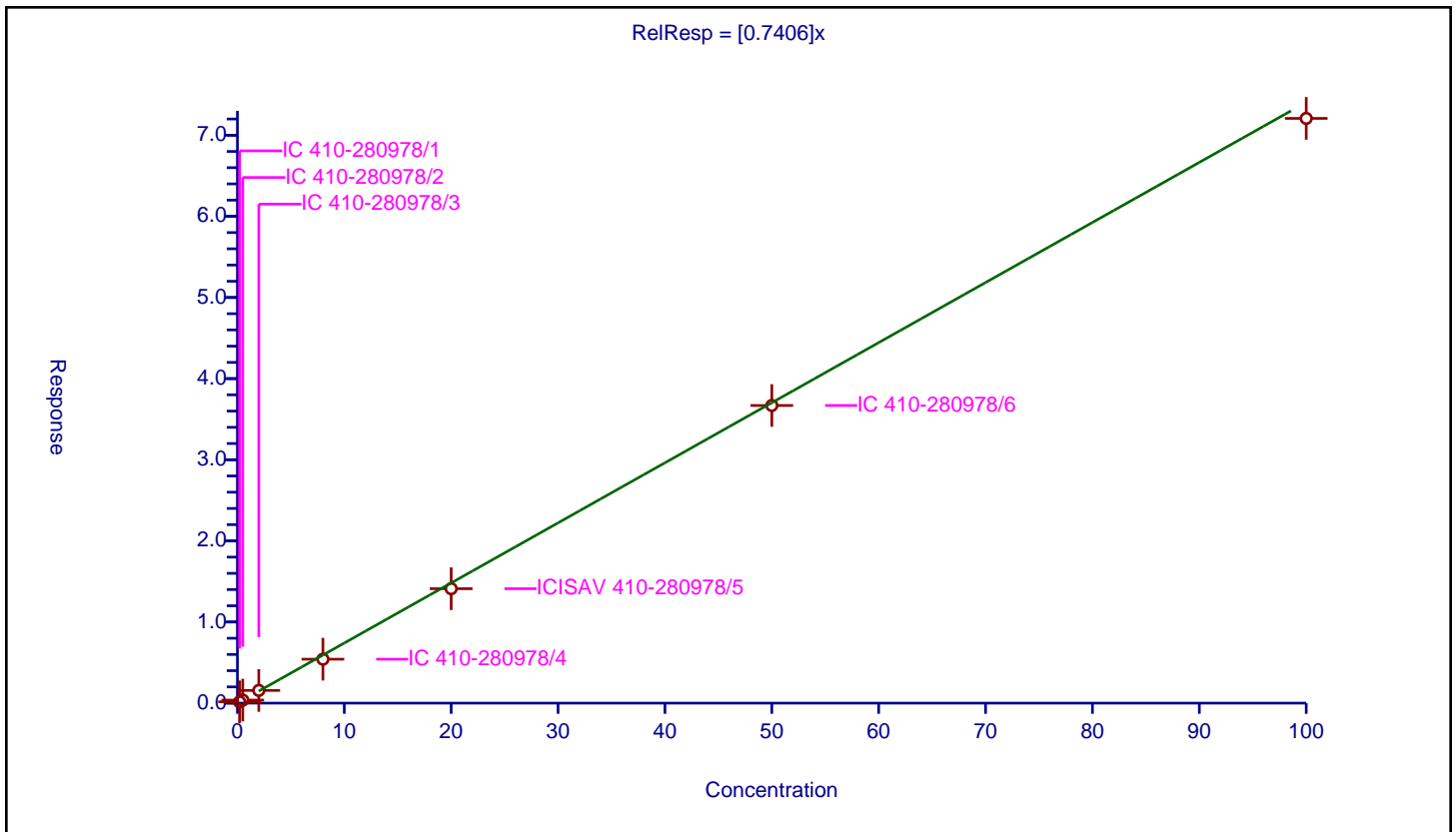
/ Perfluorooctanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7406

Error Coefficients	
Standard Error:	18300000
Relative Standard Error:	6.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.163915	10.0	7716176.0	0.819577	Y
2	IC 410-280978/2	0.5	0.37272	10.0	7543145.0	0.74544	Y
3	IC 410-280978/3	2.0	1.565286	10.0	7333729.0	0.782643	Y
4	IC 410-280978/4	8.0	5.41364	10.0	7181368.0	0.676705	Y
5	ICISAV 410-280978/5	20.0	14.106034	10.0	6727323.0	0.705302	Y
6	IC 410-280978/6	50.0	36.686792	10.0	5930310.0	0.733736	Y
7	IC 410-280978/7	100.0	72.07545	10.0	5247286.0	0.720755	Y



Calibration

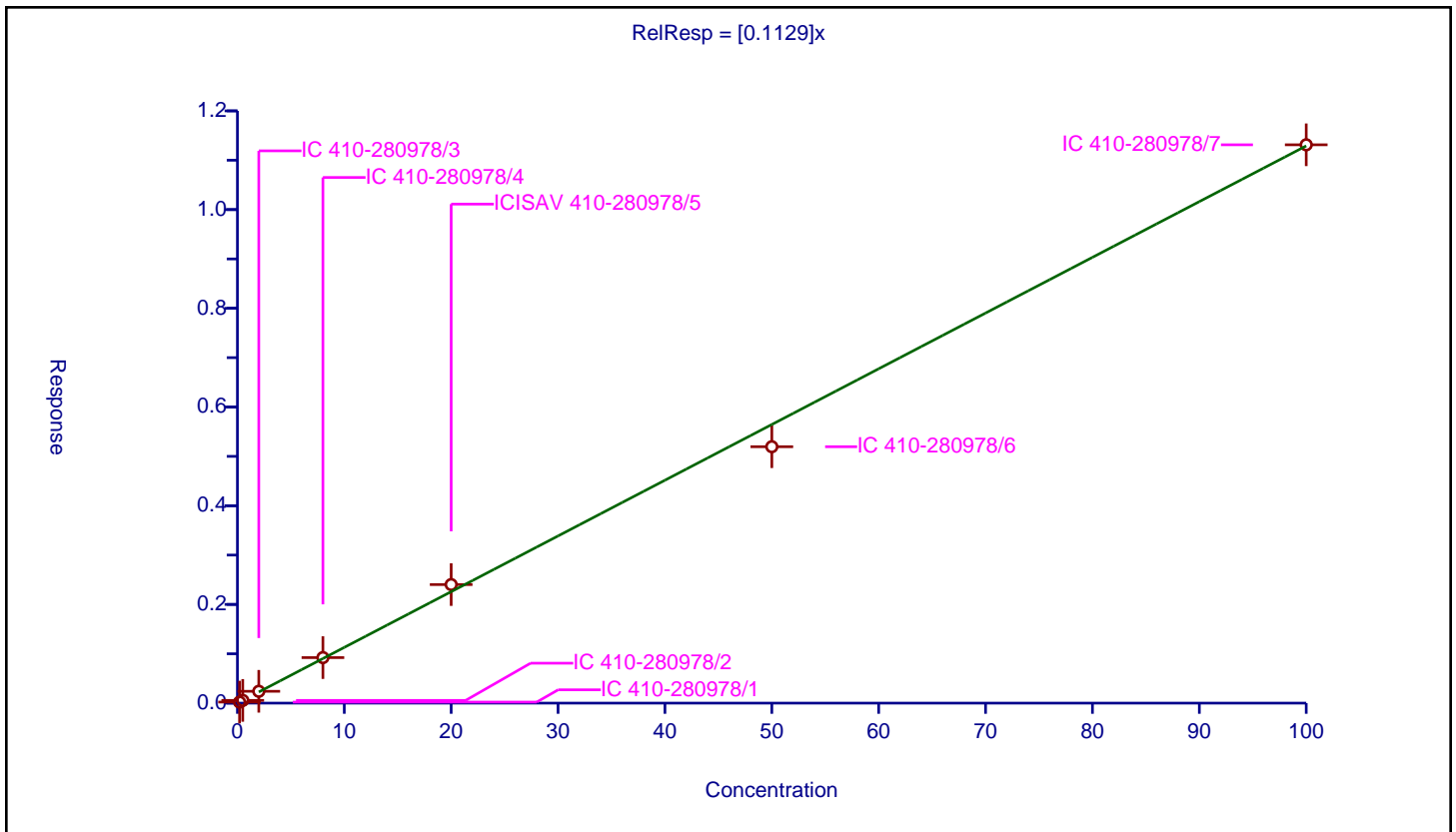
/ TAF

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1129

Error Coefficients	
Standard Error:	1870000
Relative Standard Error:	5.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.021454	10.0	4580998.0	0.107269	Y
2	IC 410-280978/2	0.5	0.055329	10.0	4495666.0	0.110658	Y
3	IC 410-280978/3	2.0	0.239846	10.0	4452101.0	0.119923	Y
4	IC 410-280978/4	8.0	0.922712	10.0	4348920.0	0.115339	Y
5	ICISAV 410-280978/5	20.0	2.402483	10.0	4257008.0	0.120124	Y
6	IC 410-280978/6	50.0	5.195659	10.0	3857191.0	0.103913	Y
7	IC 410-280978/7	100.0	11.312797	10.0	3499710.0	0.113128	Y



Calibration

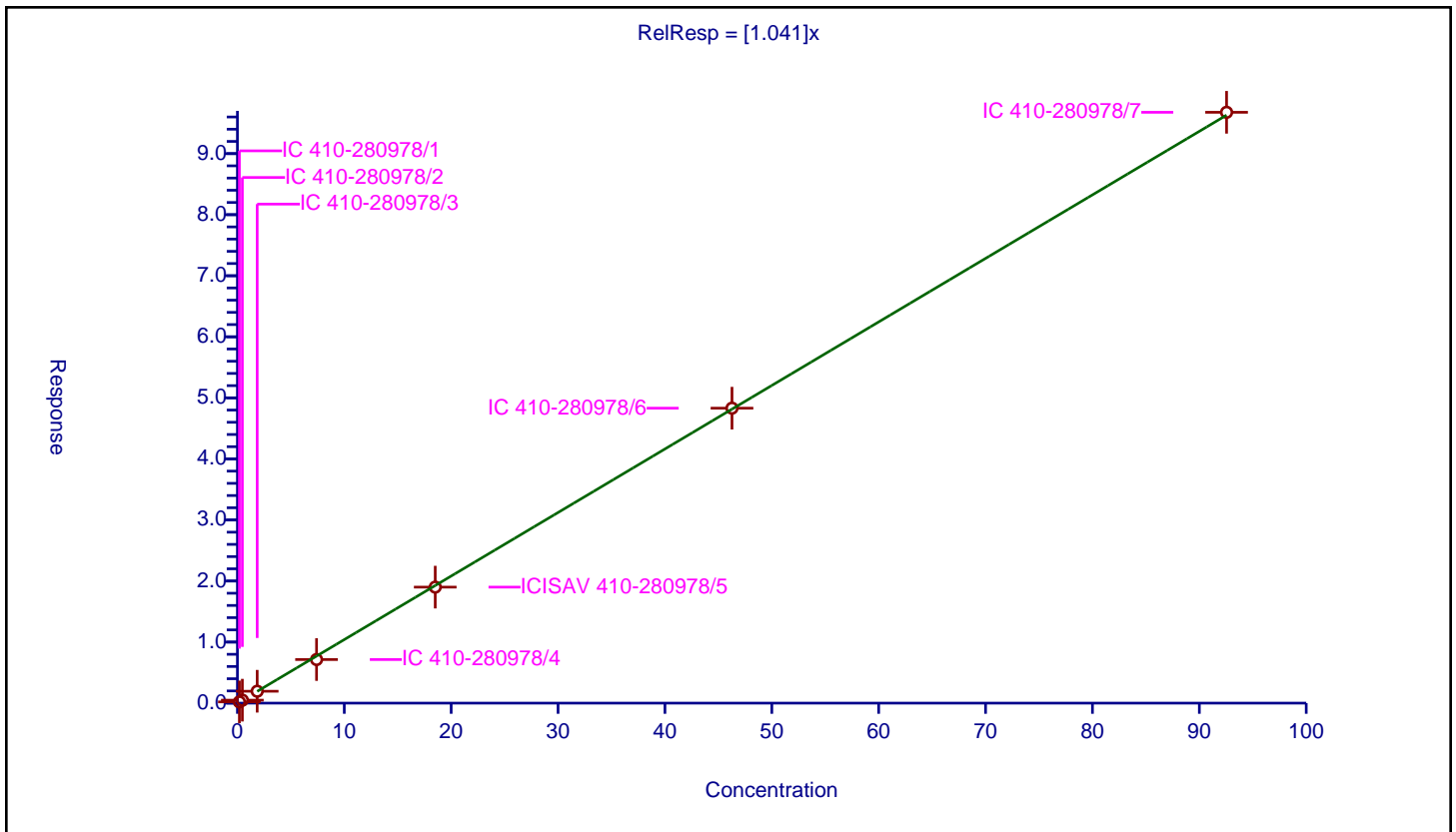
/ Perfluorooctanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.041

Error Coefficients	
Standard Error:	12600000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1851	0.203065	9.56	3446705.0	1.097058	Y
2	IC 410-280978/2	0.46275	0.48789	9.56	3372383.0	1.054328	Y
3	IC 410-280978/3	1.851	1.947903	9.56	3304745.0	1.052352	Y
4	IC 410-280978/4	7.404	7.139166	9.56	3205260.0	0.964231	Y
5	ICISAV 410-280978/5	18.51	19.000581	9.56	3118907.0	1.026504	Y
6	IC 410-280978/6	46.275	48.310741	9.56	2880122.0	1.043992	Y
7	IC 410-280978/7	92.55	96.767771	9.56	2610253.0	1.045573	Y



Calibration

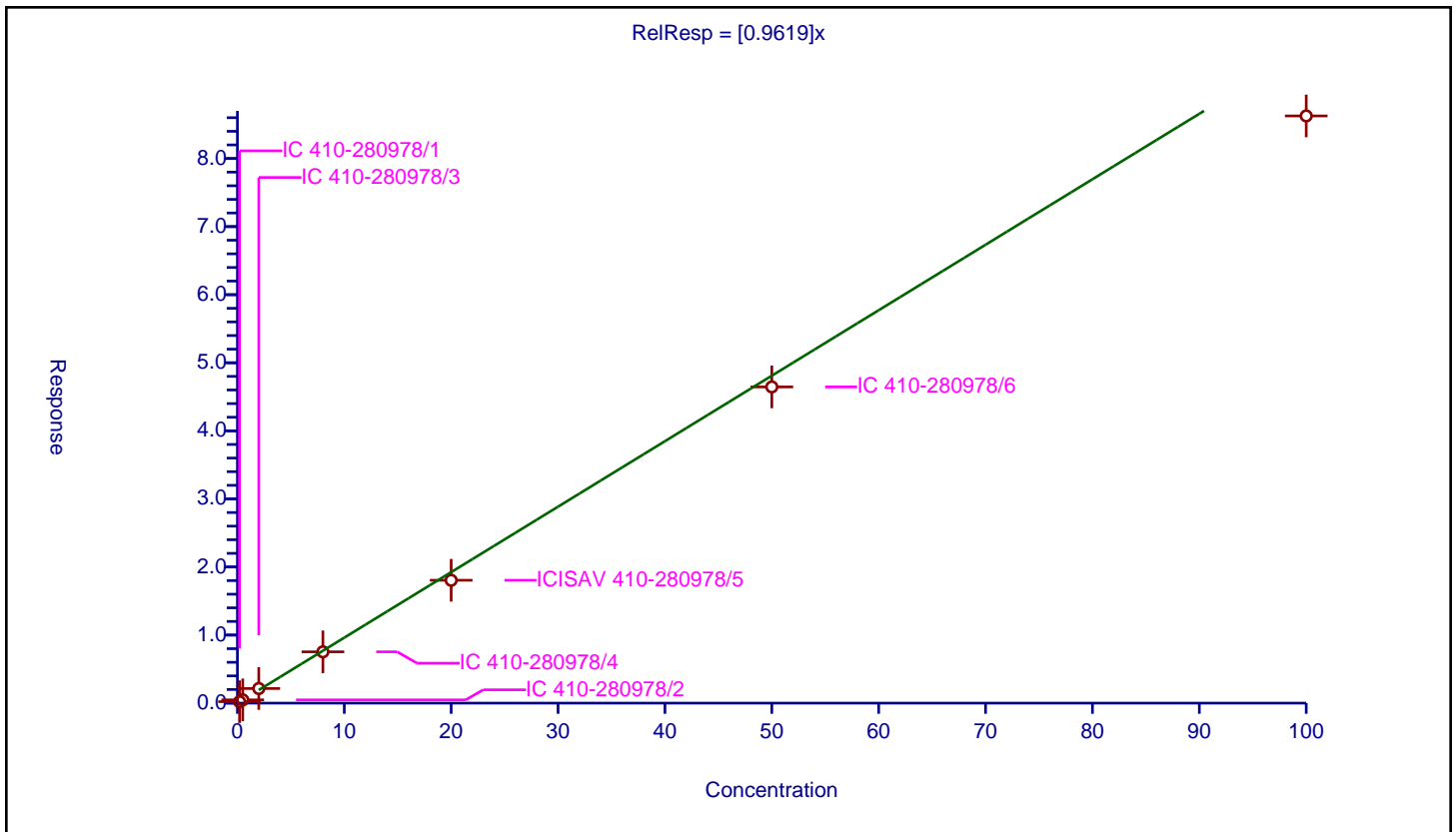
/ Perfluorononanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9619

Error Coefficients	
Standard Error:	14300000
Relative Standard Error:	8.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.213933	10.0	4381753.0	1.069663	Y
2	IC 410-280978/2	0.5	0.477431	10.0	4466889.0	0.954861	Y
3	IC 410-280978/3	2.0	2.14582	10.0	4280709.0	1.07291	Y
4	IC 410-280978/4	8.0	7.537645	10.0	4170816.0	0.942206	Y
5	ICISAV 410-280978/5	20.0	18.048272	10.0	4166149.0	0.902414	Y
6	IC 410-280978/6	50.0	46.450551	10.0	3714853.0	0.929011	Y
7	IC 410-280978/7	100.0	86.256898	10.0	3401163.0	0.862569	Y



Calibration

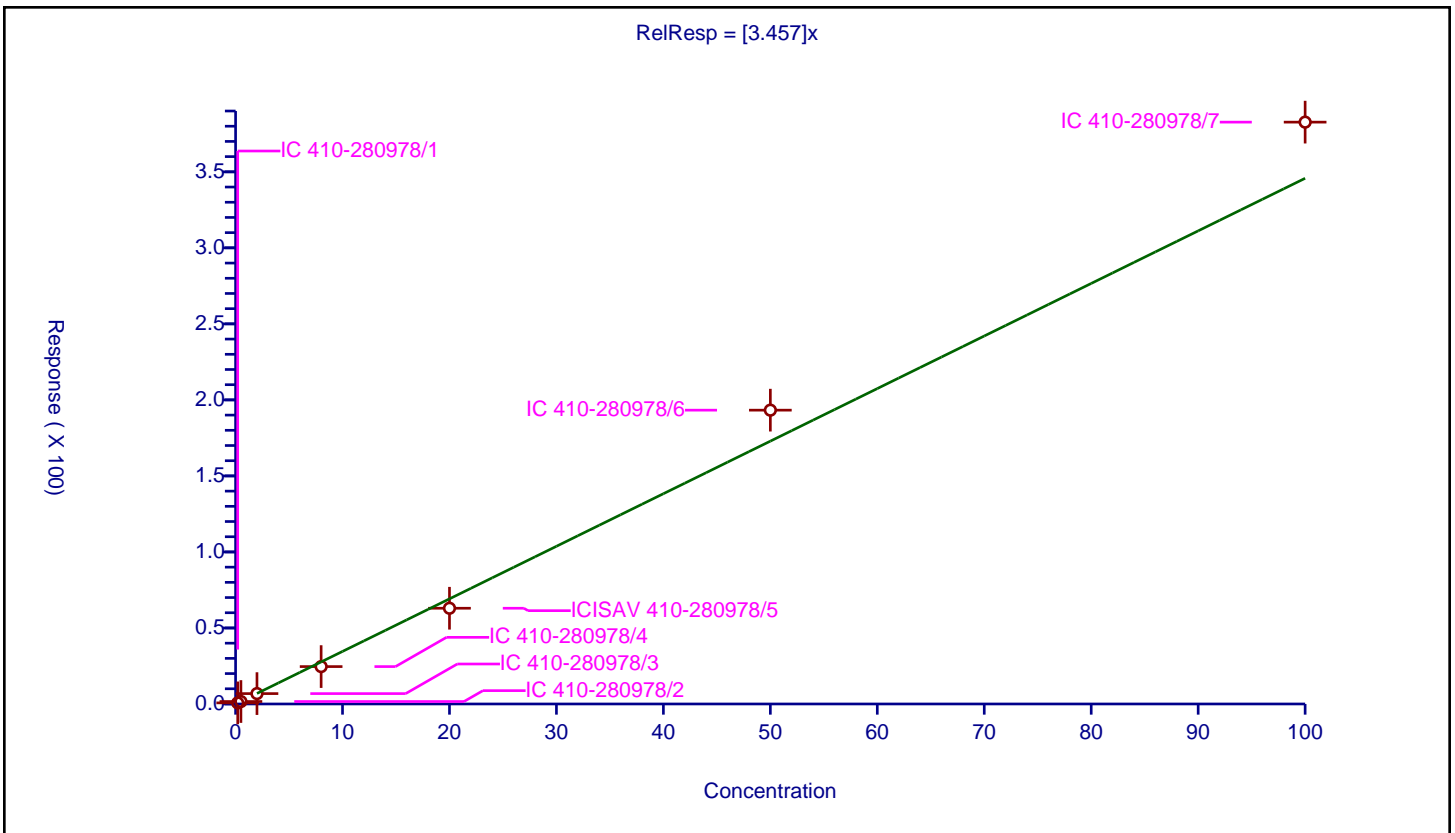
/ 7:3 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.457

Error Coefficients	
Standard Error:	3730000
Relative Standard Error:	9.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.727431	10.0	322821.0	3.637155	Y
2	IC 410-280978/2	0.5	1.616552	10.0	317503.0	3.233103	Y
3	IC 410-280978/3	2.0	6.832819	10.0	330881.0	3.41641	Y
4	IC 410-280978/4	8.0	24.598732	10.0	323487.0	3.074841	Y
5	ICISAV 410-280978/5	20.0	62.975594	10.0	307831.0	3.14878	Y
6	IC 410-280978/6	50.0	193.247493	10.0	226427.0	3.86495	Y
7	IC 410-280978/7	100.0	382.684335	10.0	202322.0	3.826843	Y



Calibration

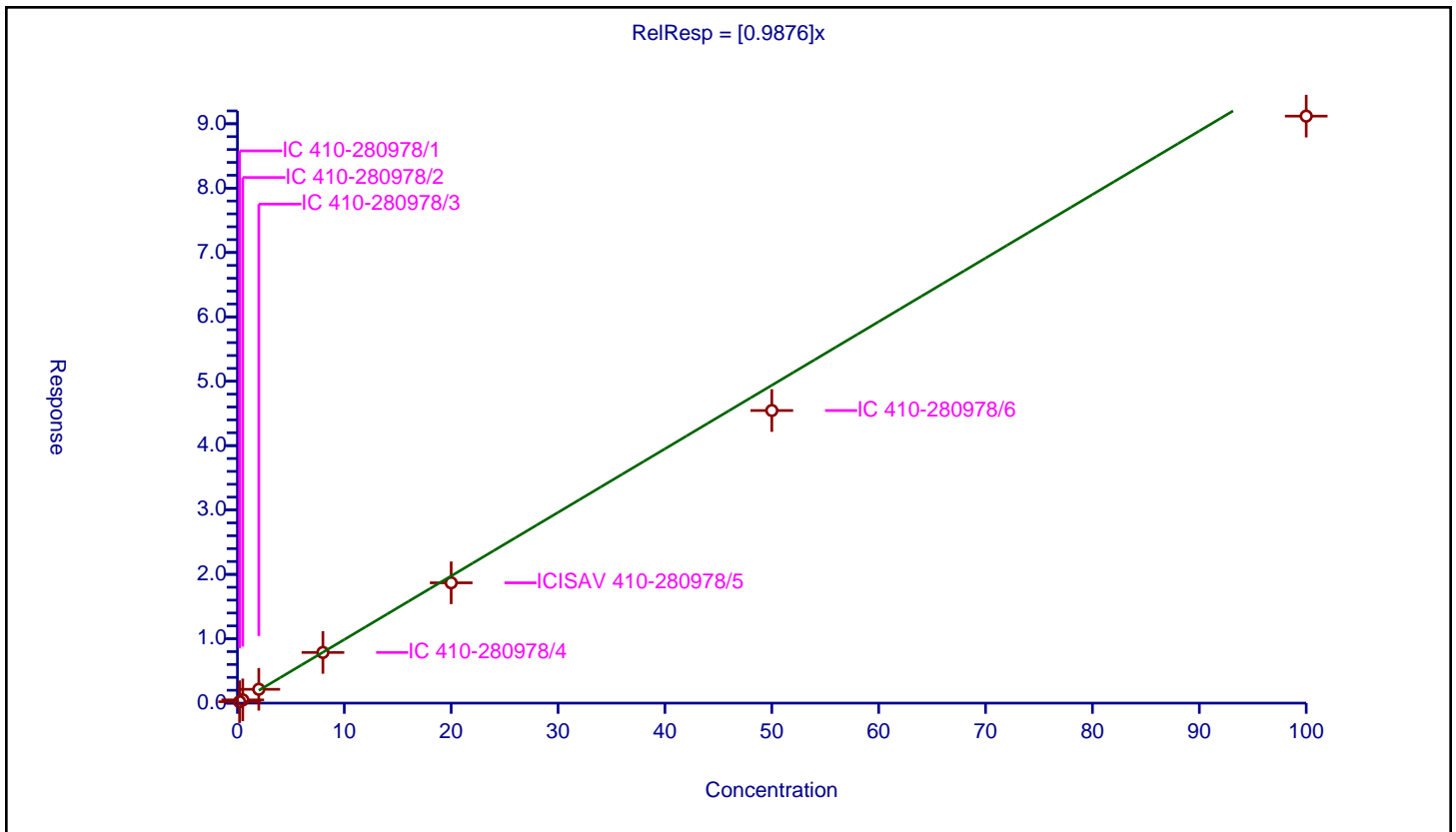
/ 8:2 FTUCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9876

Error Coefficients	
Standard Error:	16900000
Relative Standard Error:	7.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.219546	10.0	6204580.0	1.097729	Y
2	IC 410-280978/2	0.5	0.500829	10.0	5991485.0	1.001658	Y
3	IC 410-280978/3	2.0	2.14837	10.0	5471115.0	1.074185	Y
4	IC 410-280978/4	8.0	7.871523	10.0	5226422.0	0.98394	Y
5	ICISAV 410-280978/5	20.0	18.690481	10.0	4854432.0	0.934524	Y
6	IC 410-280978/6	50.0	45.456362	10.0	4513782.0	0.909127	Y
7	IC 410-280978/7	100.0	91.189792	10.0	3778501.0	0.911898	Y



Calibration

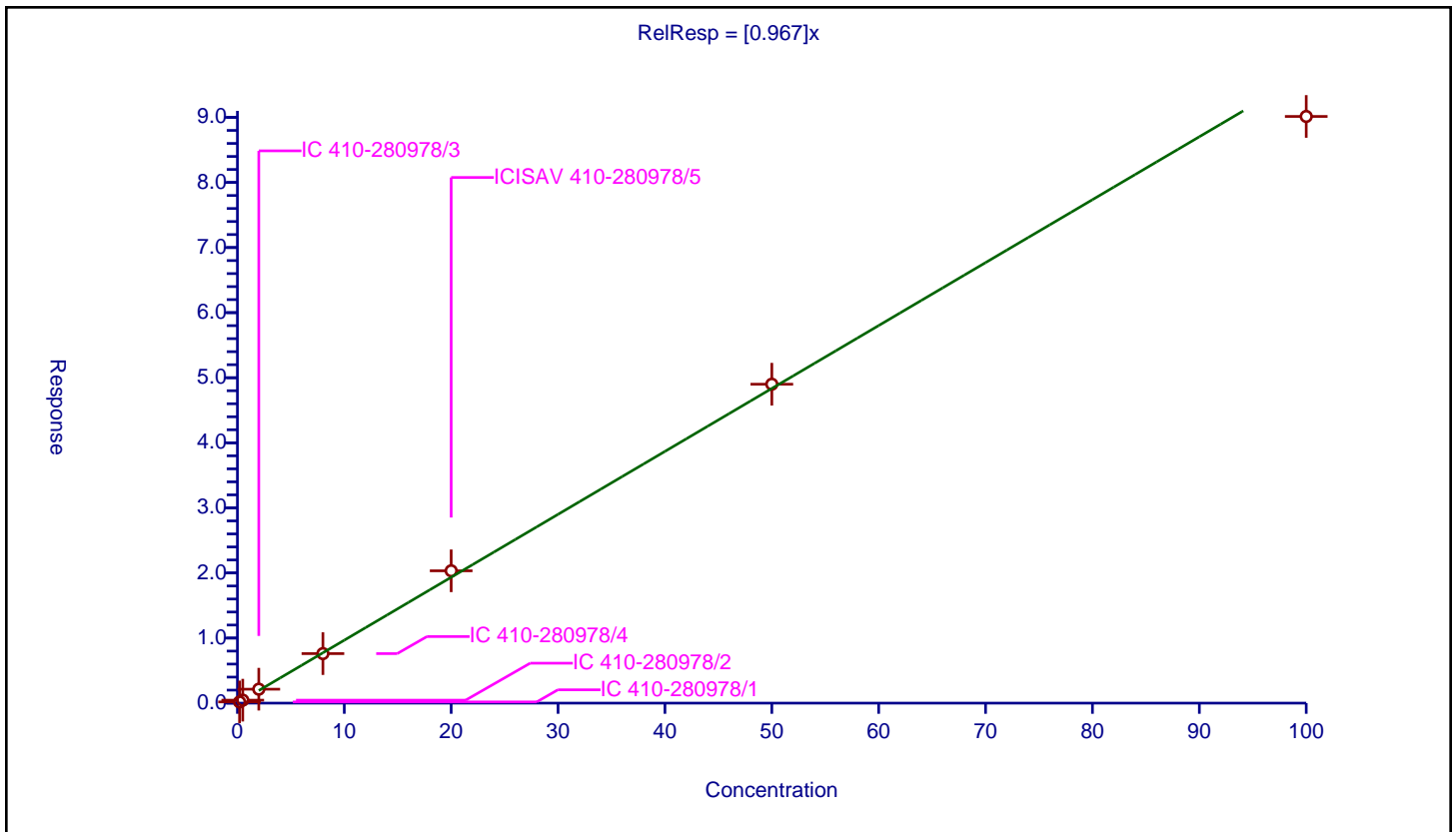
/ 8:2 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.967

Error Coefficients	
Standard Error:	649000
Relative Standard Error:	6.3
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.187496	10.0	266566.0	0.937479	Y
2	IC 410-280978/2	0.5	0.455254	10.0	247642.0	0.910508	Y
3	IC 410-280978/3	2.0	2.142374	10.0	242348.0	1.071187	Y
4	IC 410-280978/4	8.0	7.610766	10.0	233849.0	0.951346	Y
5	ICISAV 410-280978/5	20.0	20.332955	10.0	205133.0	1.016648	Y
6	IC 410-280978/6	50.0	49.003573	10.0	157292.0	0.980071	Y
7	IC 410-280978/7	100.0	90.1429	10.0	145696.0	0.901429	Y



Calibration

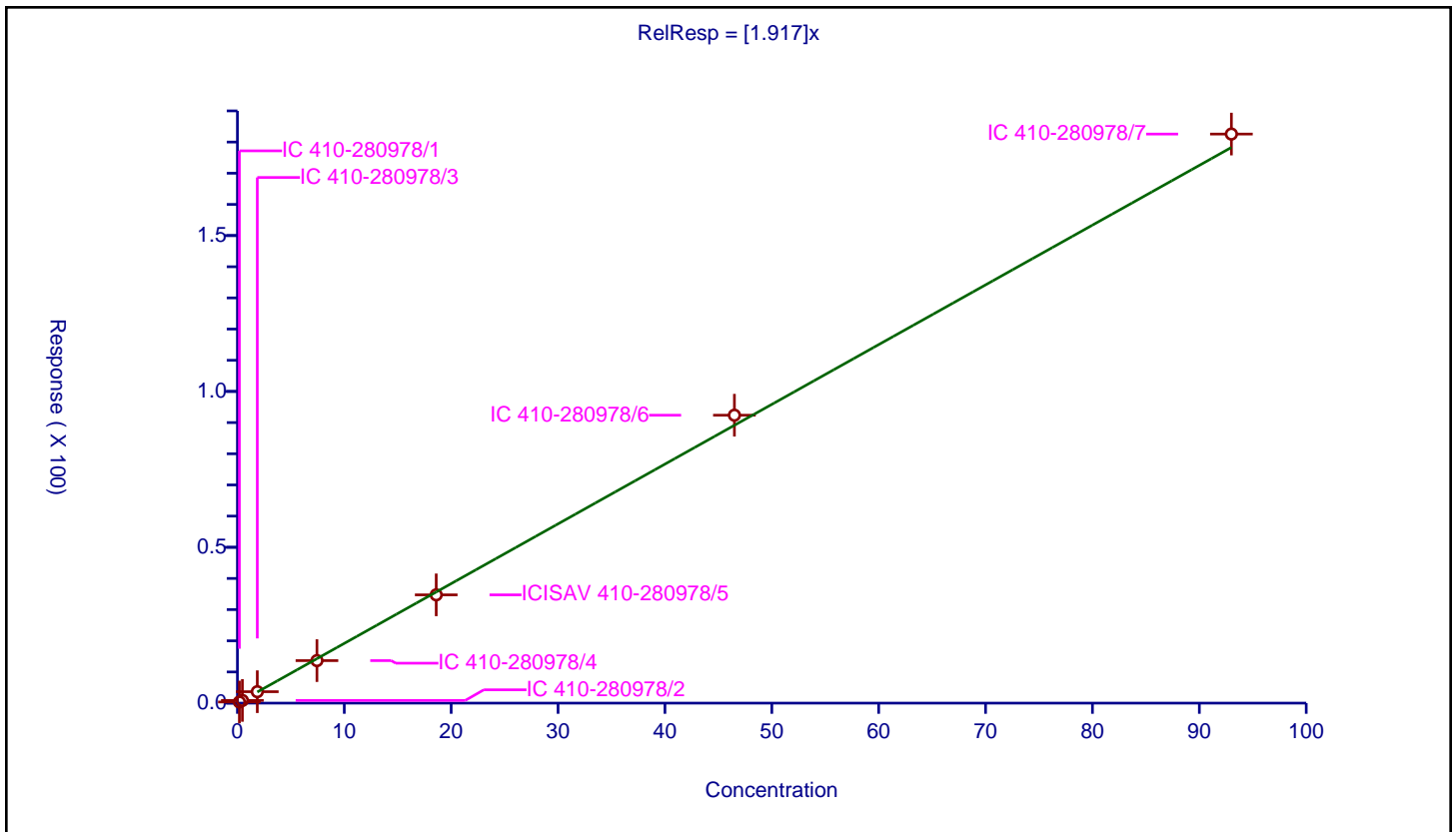
/ 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.917

Error Coefficients	
Standard Error:	23800000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.186	0.36064	9.56	3446705.0	1.938925	Y
2	IC 410-280978/2	0.465	0.863188	9.56	3372383.0	1.856318	Y
3	IC 410-280978/3	1.86	3.669165	9.56	3304745.0	1.972669	Y
4	IC 410-280978/4	7.44	13.640477	9.56	3205260.0	1.833397	Y
5	ICISAV 410-280978/5	18.6	34.735746	9.56	3118907.0	1.867513	Y
6	IC 410-280978/6	46.5	92.37358	9.56	2880122.0	1.986529	Y
7	IC 410-280978/7	93.0	182.569146	9.56	2610253.0	1.963109	Y



Calibration

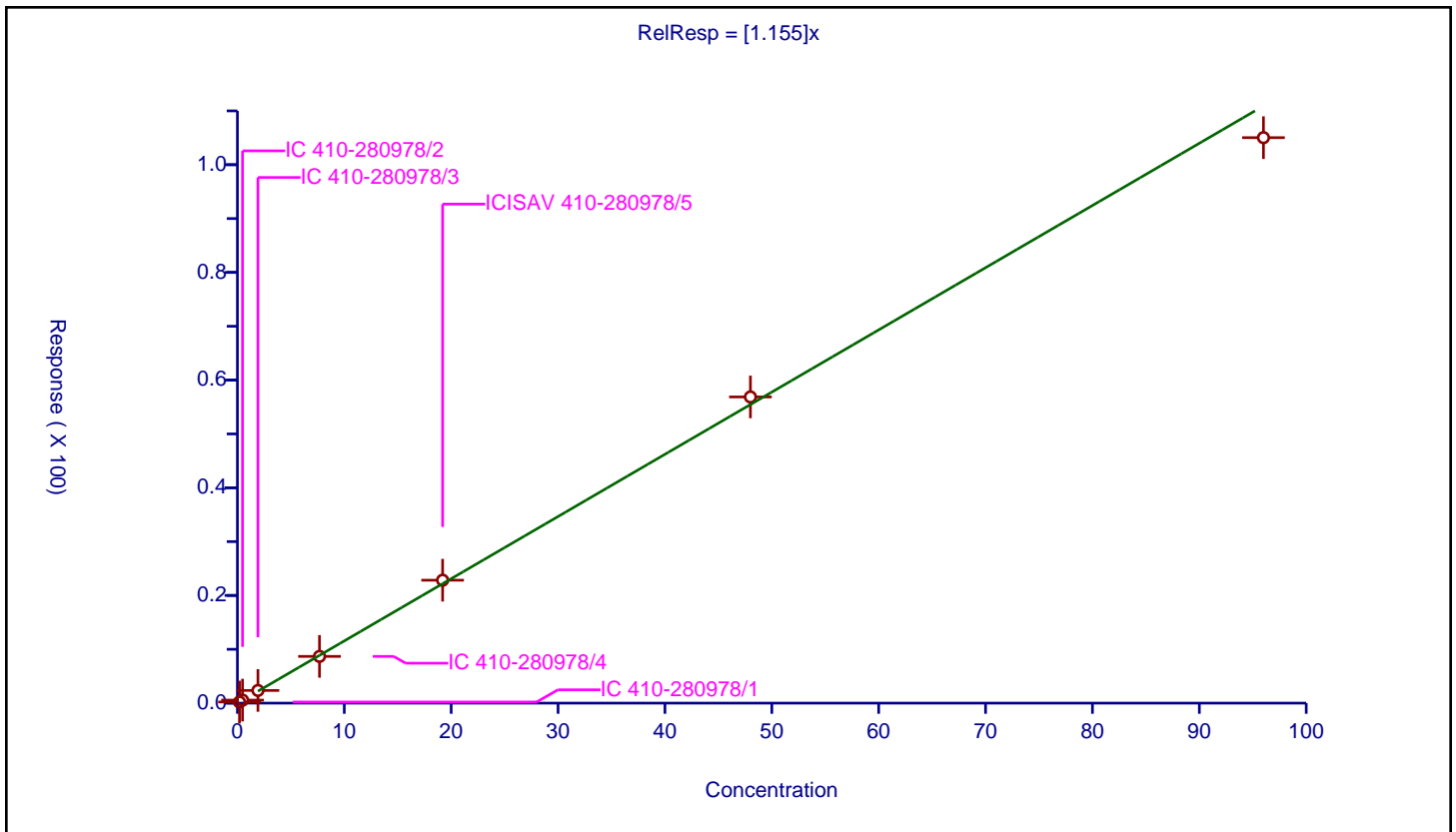
/ Perfluorononanesulfonic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.155

Error Coefficients	
Standard Error:	14000000
Relative Standard Error:	4.3
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.192	0.211037	9.56	3446705.0	1.099151	Y
2	IC 410-280978/2	0.48	0.559114	9.56	3372383.0	1.164821	Y
3	IC 410-280978/3	1.92	2.353156	9.56	3304745.0	1.225602	Y
4	IC 410-280978/4	7.68	8.677426	9.56	3205260.0	1.129873	Y
5	ICISAV 410-280978/5	19.2	22.834304	9.56	3118907.0	1.189287	Y
6	IC 410-280978/6	48.0	56.870346	9.56	2880122.0	1.184799	Y
7	IC 410-280978/7	96.0	105.02744	9.56	2610253.0	1.094036	Y



Calibration

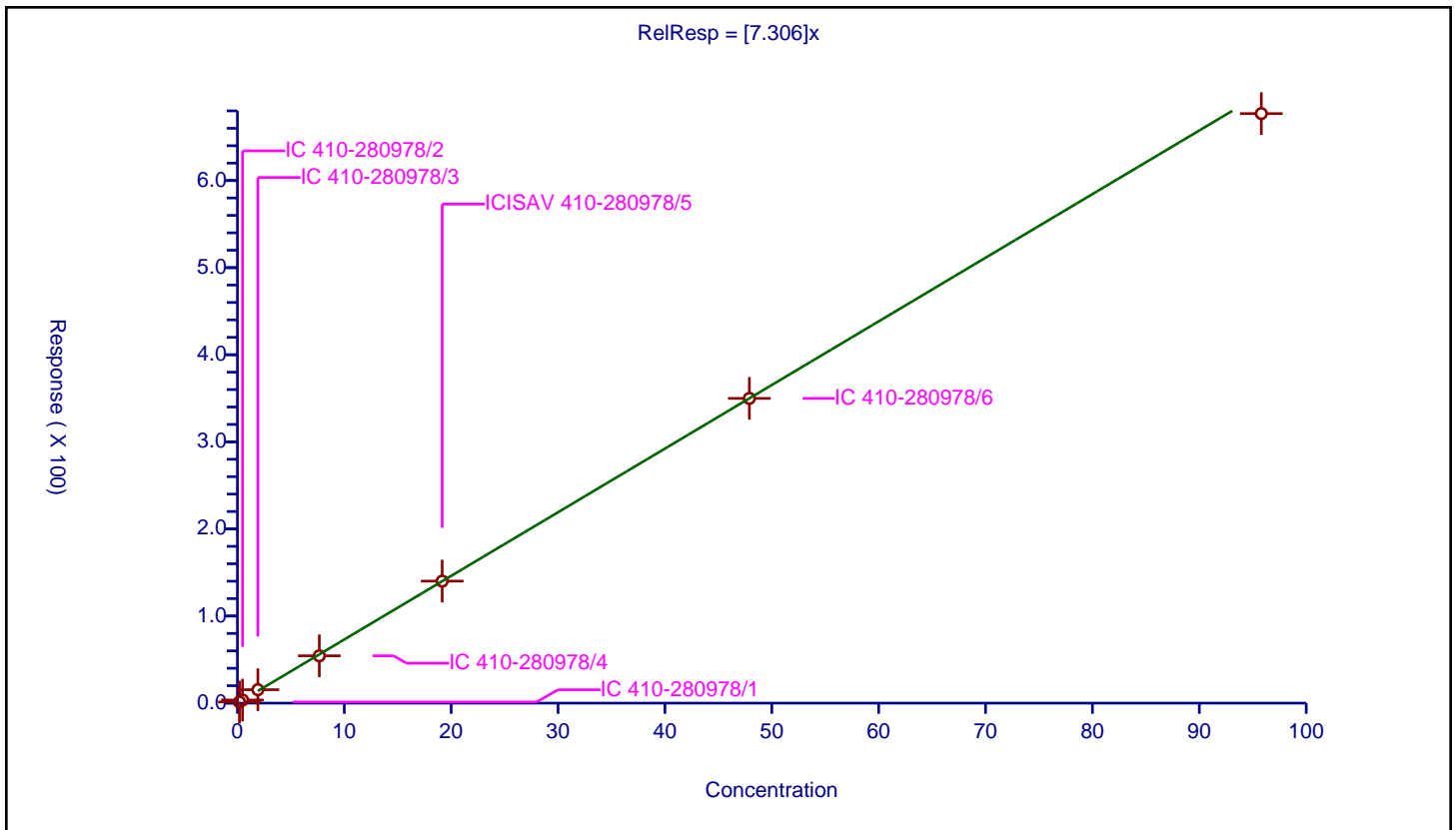
/ 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	7.306

Error Coefficients	
Standard Error:	2630000
Relative Standard Error:	5.1
Correlation Coefficient:	0.979
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1916	1.322486	9.58	128022.0	6.902329	Y
2	IC 410-280978/2	0.479	3.55175	9.58	132004.0	7.414927	Y
3	IC 410-280978/3	1.916	15.428014	9.58	126381.0	8.052199	Y
4	IC 410-280978/4	7.664	54.315419	9.58	121393.0	7.087085	Y
5	ICISAV 410-280978/5	19.16	140.095981	9.58	112793.0	7.311899	Y
6	IC 410-280978/6	47.9	349.889556	9.58	90125.0	7.304584	Y
7	IC 410-280978/7	95.8	676.880133	9.58	74068.0	7.065555	Y



Calibration

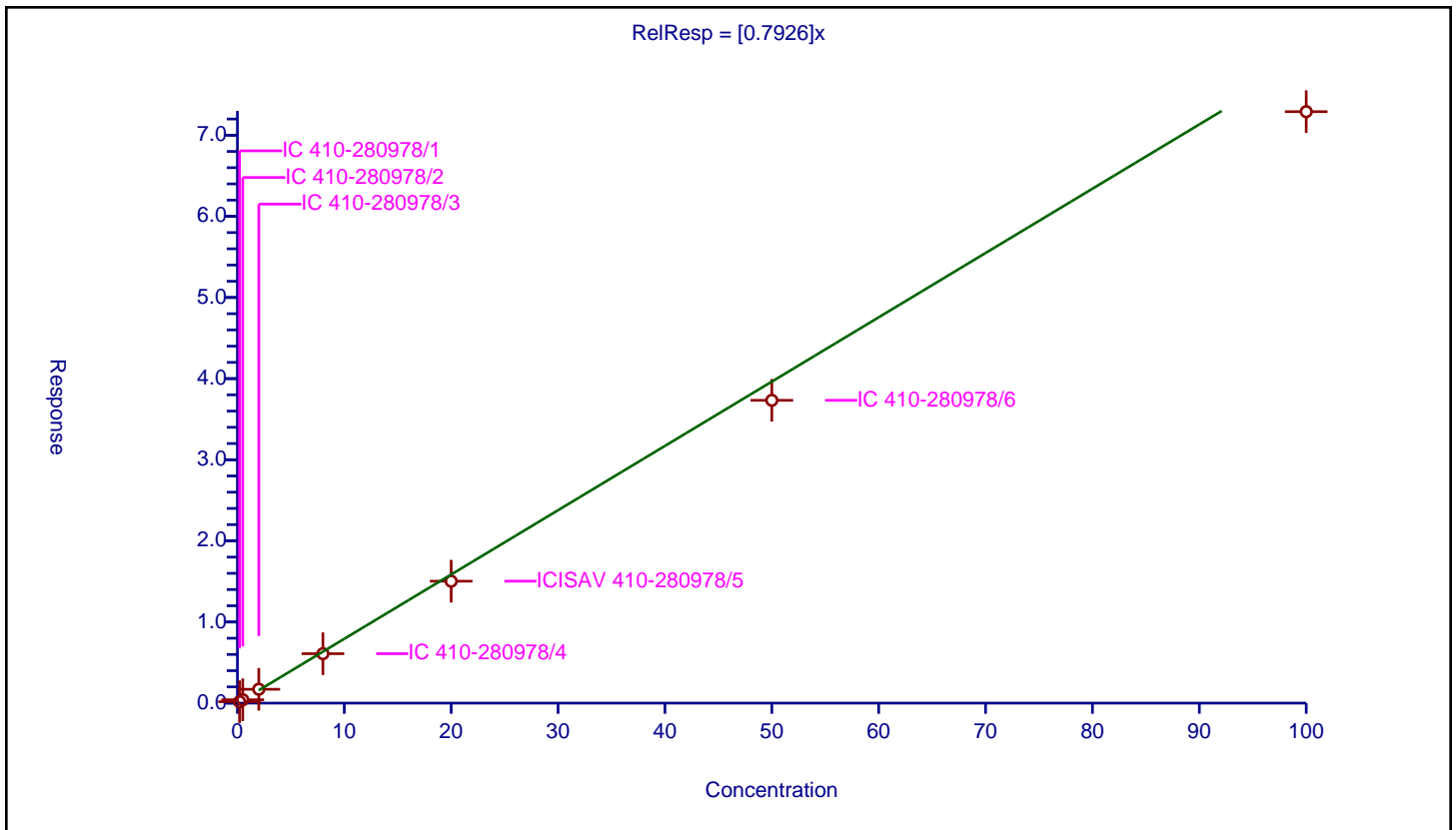
/ Perfluorodecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7926

Error Coefficients	
Standard Error:	15300000
Relative Standard Error:	7.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.175138	10.0	6324906.0	0.875689	Y
2	IC 410-280978/2	0.5	0.414282	10.0	6172245.0	0.828564	Y
3	IC 410-280978/3	2.0	1.710123	10.0	6019141.0	0.855061	Y
4	IC 410-280978/4	8.0	6.094505	10.0	5872063.0	0.761813	Y
5	ICISAV 410-280978/5	20.0	15.02937	10.0	5547496.0	0.751469	Y
6	IC 410-280978/6	50.0	37.323475	10.0	4937222.0	0.746469	Y
7	IC 410-280978/7	100.0	72.904603	10.0	4311929.0	0.729046	Y



Calibration

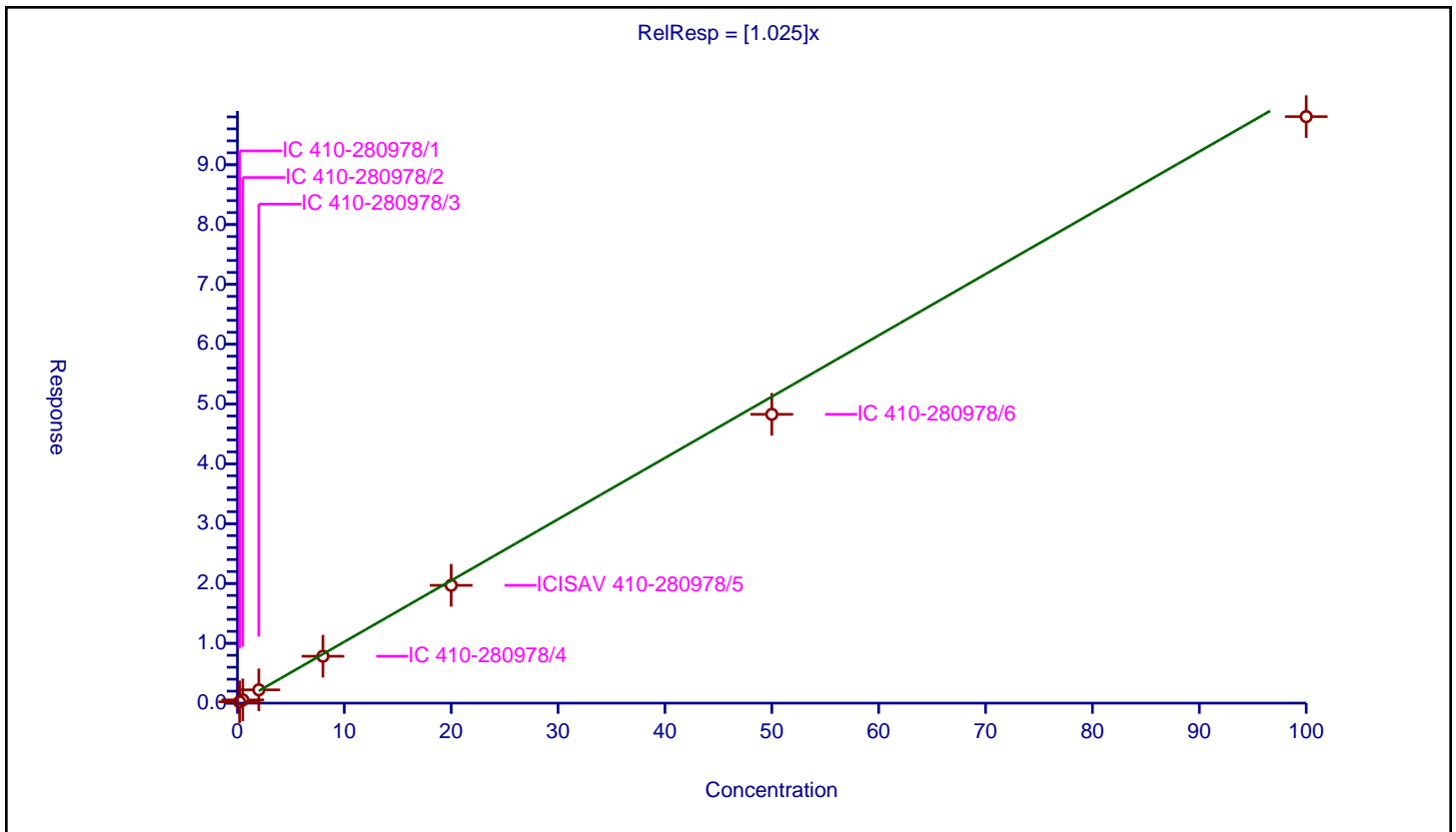
/ Perfluorooctanesulfonamide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.025

Error Coefficients	
Standard Error:	20000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.214862	10.0	5220328.0	1.07431	Y
2	IC 410-280978/2	0.5	0.538588	10.0	5198517.0	1.077176	Y
3	IC 410-280978/3	2.0	2.220761	10.0	5067830.0	1.110381	Y
4	IC 410-280978/4	8.0	7.837251	10.0	5006657.0	0.979656	Y
5	ICISAV 410-280978/5	20.0	19.689927	10.0	4994172.0	0.984496	Y
6	IC 410-280978/6	50.0	48.277795	10.0	4745520.0	0.965556	Y
7	IC 410-280978/7	100.0	98.043119	10.0	4285217.0	0.980431	Y



Calibration

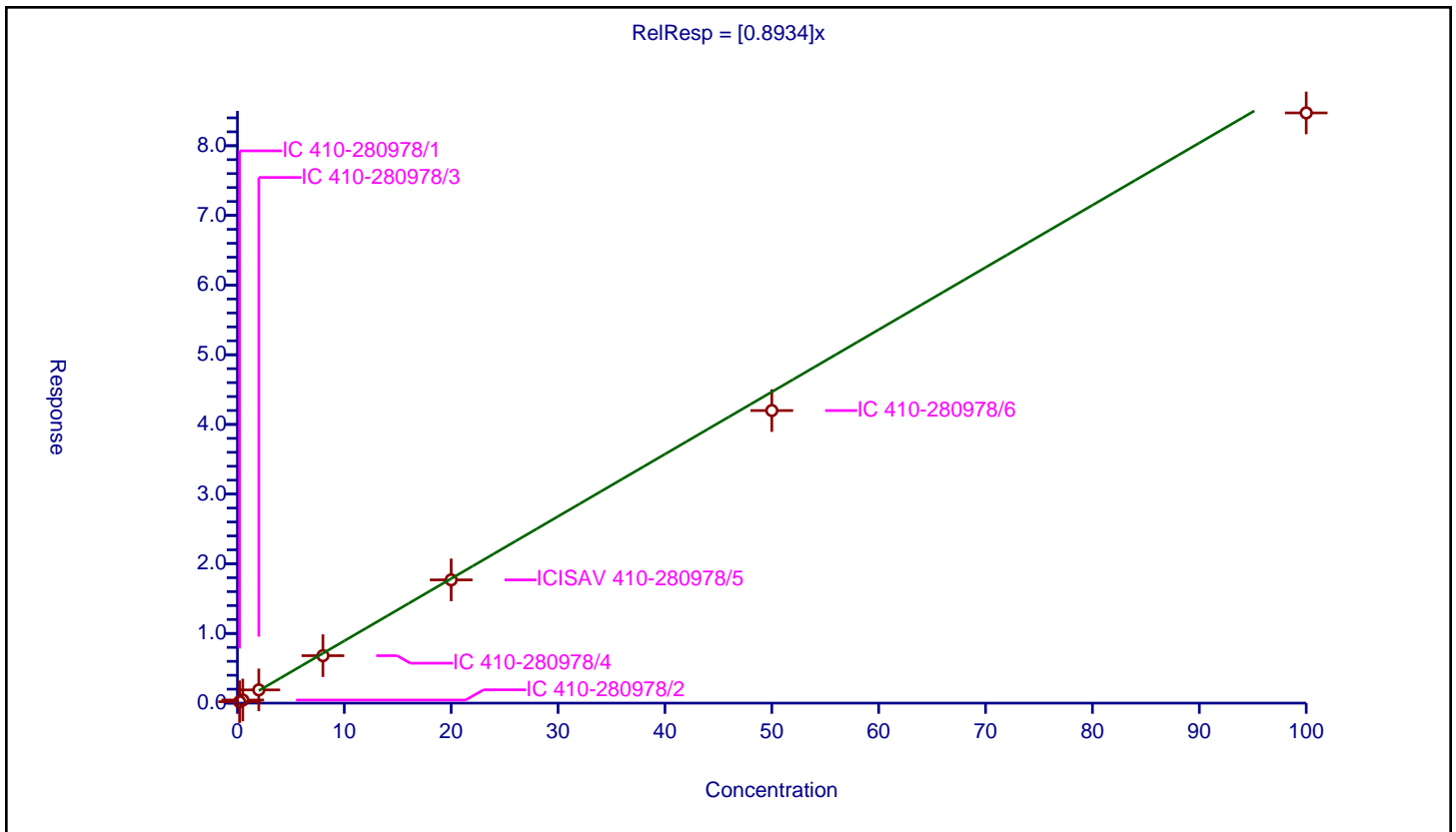
/ N-methylperfluorooctanesulfonamidoacetic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8934

Error Coefficients	
Standard Error:	5790000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.198854	10.0	1732278.0	0.994269	Y
2	IC 410-280978/2	0.5	0.443781	10.0	1634117.0	0.887562	Y
3	IC 410-280978/3	2.0	1.89772	10.0	1665572.0	0.94886	Y
4	IC 410-280978/4	8.0	6.811682	10.0	1645087.0	0.85146	Y
5	ICISAV 410-280978/5	20.0	17.687824	10.0	1610535.0	0.884391	Y
6	IC 410-280978/6	50.0	41.991937	10.0	1546113.0	0.839839	Y
7	IC 410-280978/7	100.0	84.710718	10.0	1442279.0	0.847107	Y



Calibration

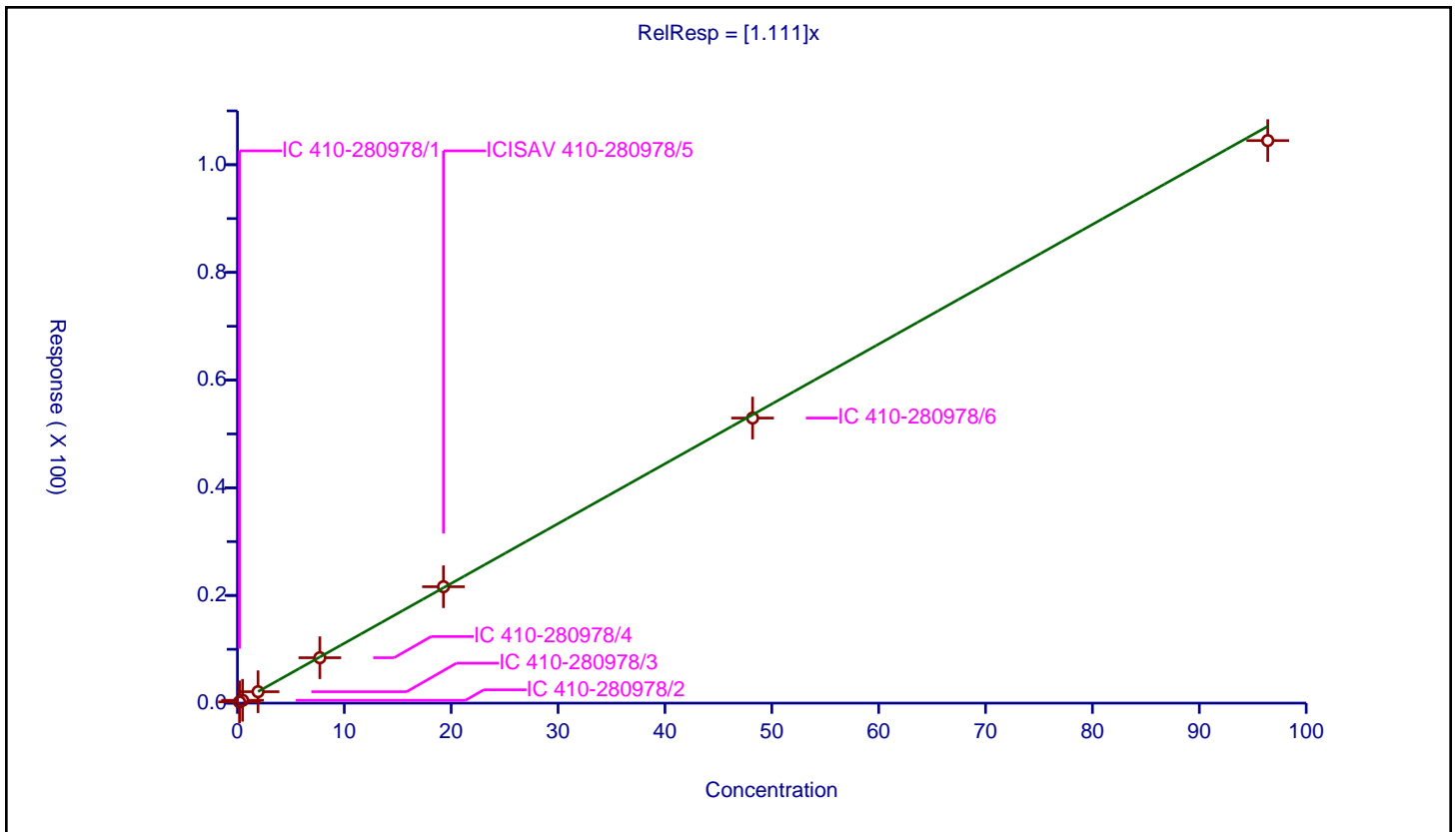
/ Perfluorodecanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.111

Error Coefficients	
Standard Error:	13700000
Relative Standard Error:	3.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1928	0.230367	9.56	3446705.0	1.194848	Y
2	IC 410-280978/2	0.482	0.524442	9.56	3372383.0	1.088054	Y
3	IC 410-280978/3	1.928	2.119614	9.56	3304745.0	1.099385	Y
4	IC 410-280978/4	7.712	8.429819	9.56	3205260.0	1.093078	Y
5	ICISAV 410-280978/5	19.28	21.621573	9.56	3118907.0	1.121451	Y
6	IC 410-280978/6	48.2	52.947762	9.56	2880122.0	1.098501	Y
7	IC 410-280978/7	96.4	104.482998	9.56	2610253.0	1.083849	Y



Calibration

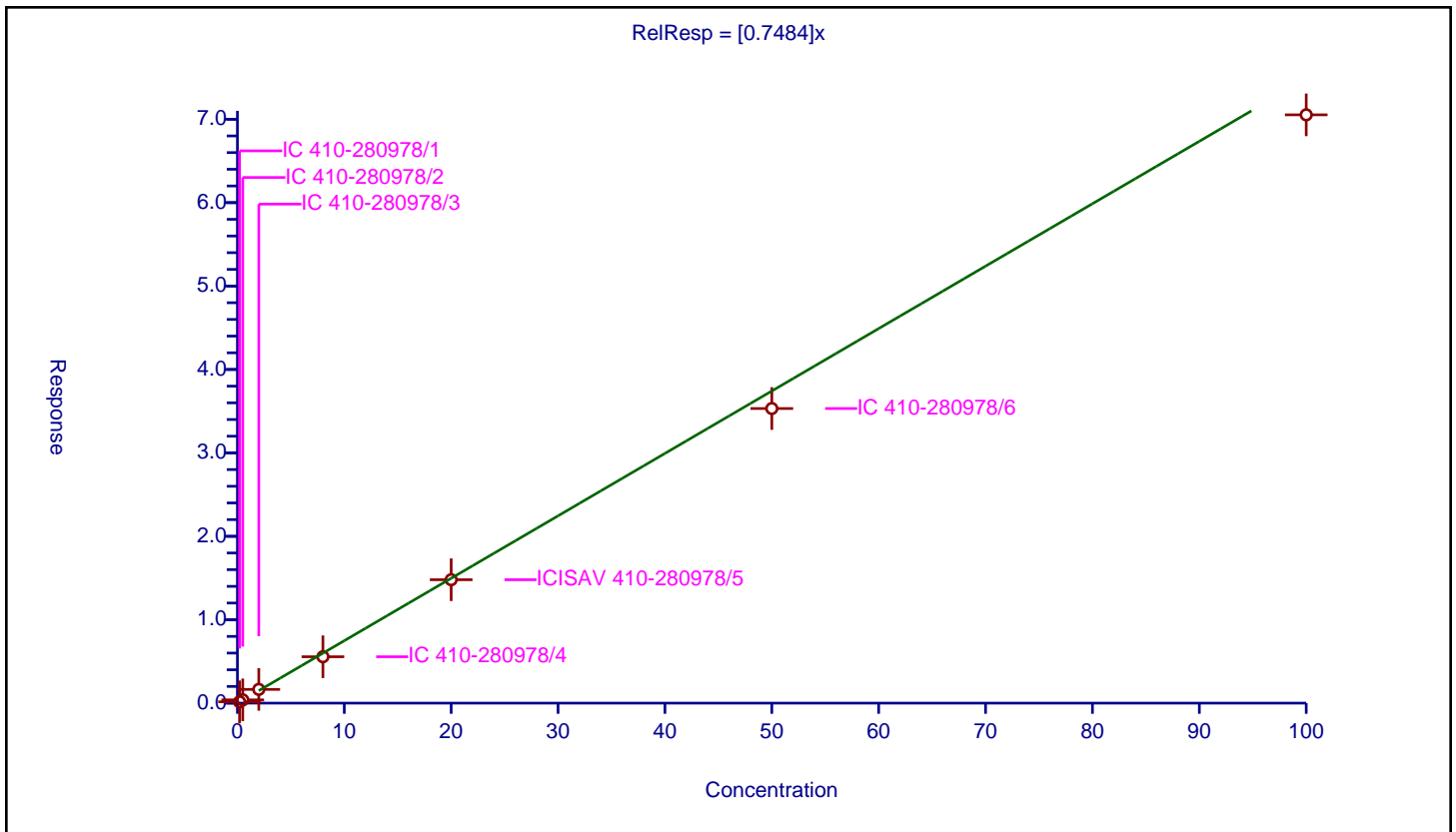
/ Perfluoroundecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7484

Error Coefficients	
Standard Error:	19100000
Relative Standard Error:	6.6
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.157757	10.0	8465880.0	0.788784	Y
2	IC 410-280978/2	0.5	0.390179	10.0	8354932.0	0.780358	Y
3	IC 410-280978/3	2.0	1.646338	10.0	8042025.0	0.823169	Y
4	IC 410-280978/4	8.0	5.560093	10.0	8150731.0	0.695012	Y
5	ICISAV 410-280978/5	20.0	14.794604	10.0	7496941.0	0.73973	Y
6	IC 410-280978/6	50.0	35.319244	10.0	6601432.0	0.706385	Y
7	IC 410-280978/7	100.0	70.527492	10.0	5480060.0	0.705275	Y



Calibration

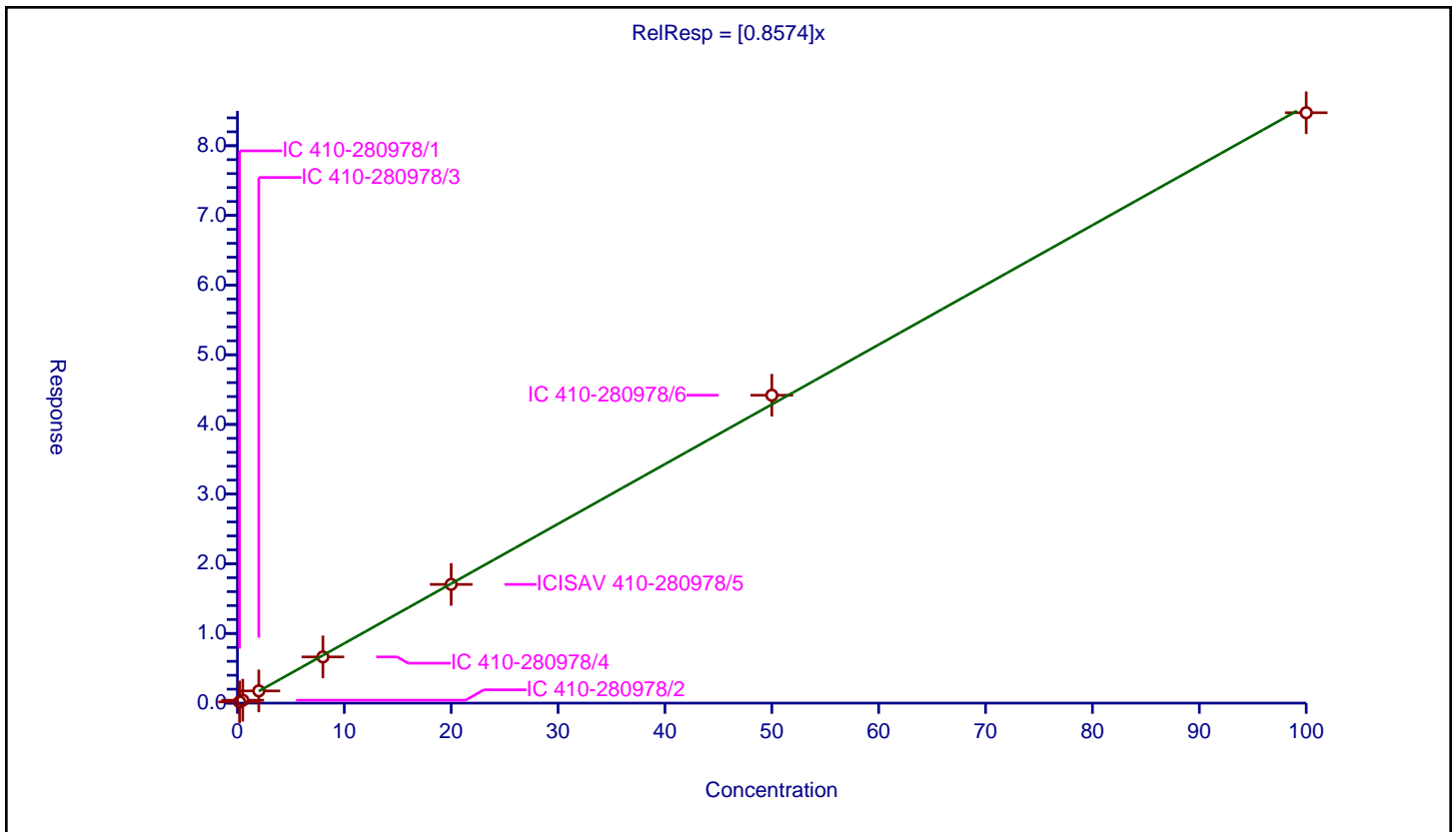
/ N-ethylperfluorooctanesulfonamidoacetic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8574

Error Coefficients	
Standard Error:	4490000
Relative Standard Error:	2.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.175233	10.0	1530417.0	0.876166	Y
2	IC 410-280978/2	0.5	0.418855	10.0	1551350.0	0.837709	Y
3	IC 410-280978/3	2.0	1.753146	10.0	1510884.0	0.876573	Y
4	IC 410-280978/4	8.0	6.628844	10.0	1476799.0	0.828605	Y
5	ICISAV 410-280978/5	20.0	17.037391	10.0	1367835.0	0.85187	Y
6	IC 410-280978/6	50.0	44.189417	10.0	1237067.0	0.883788	Y
7	IC 410-280978/7	100.0	84.736781	10.0	1085102.0	0.847368	Y



Calibration

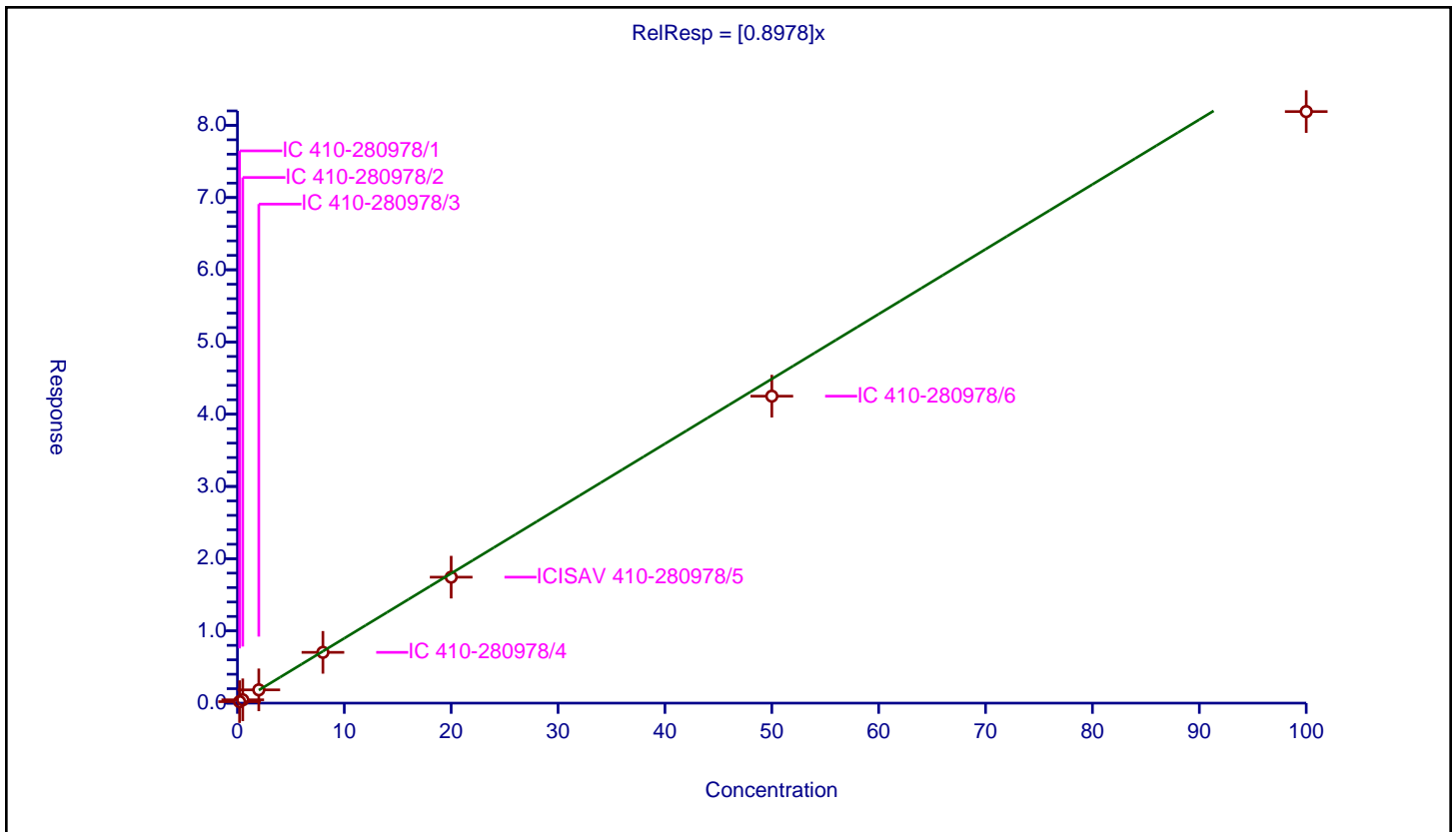
/ 10:2 FTUCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8978

Error Coefficients	
Standard Error:	17000000
Relative Standard Error:	7.6
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.205869	10.0	6049377.0	1.029346	Y
2	IC 410-280978/2	0.5	0.45769	10.0	6180619.0	0.915381	Y
3	IC 410-280978/3	2.0	1.839482	10.0	6109197.0	0.919741	Y
4	IC 410-280978/4	8.0	7.029291	10.0	5925805.0	0.878661	Y
5	ICISAV 410-280978/5	20.0	17.442246	10.0	5337757.0	0.872112	Y
6	IC 410-280978/6	50.0	42.501432	10.0	5043268.0	0.850029	Y
7	IC 410-280978/7	100.0	81.902304	10.0	4186885.0	0.819023	Y



Calibration

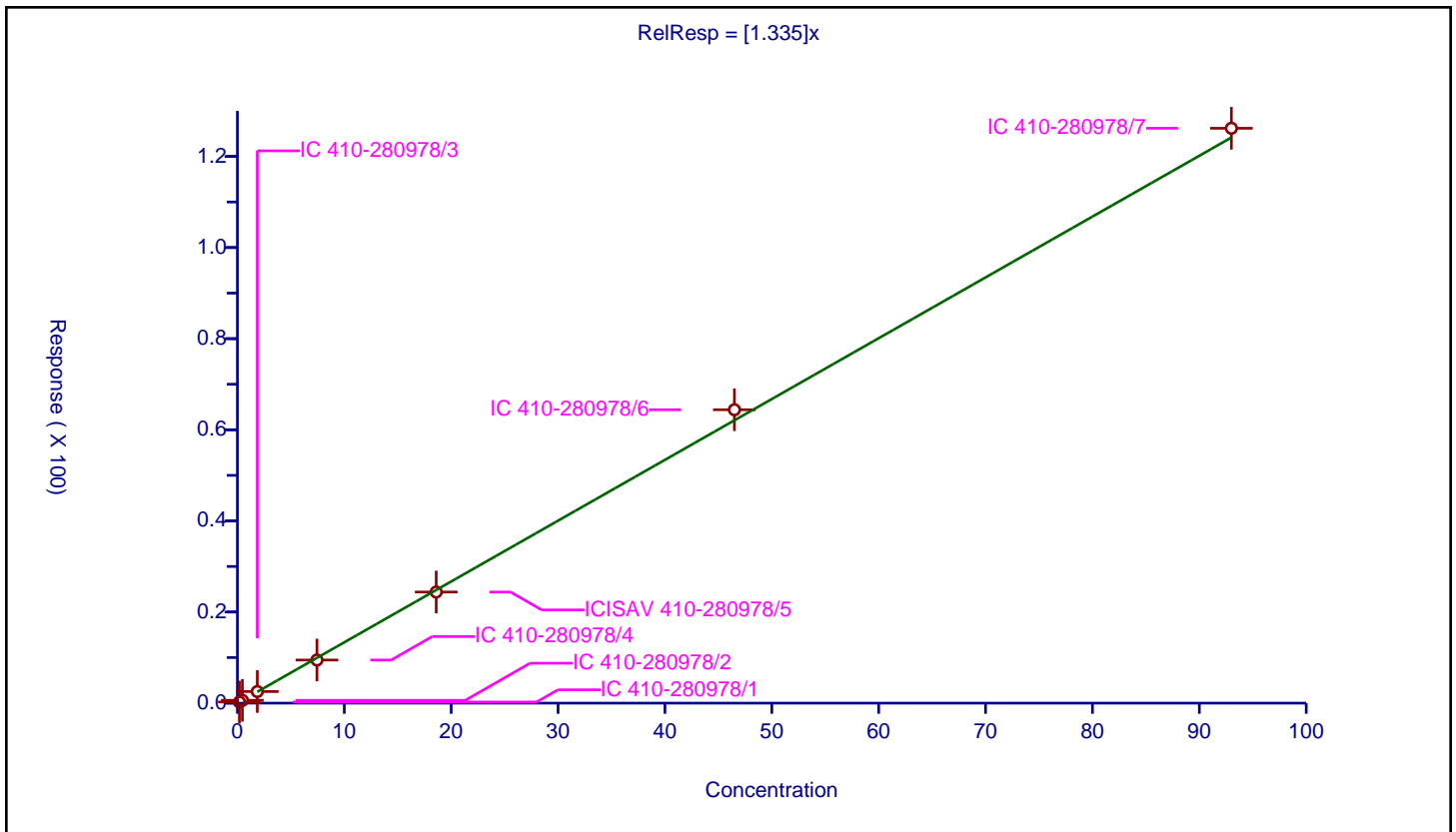
/ 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.335

Error Coefficients	
Standard Error:	16500000
Relative Standard Error:	2.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.186	0.246568	9.56	3446705.0	1.325632	Y
2	IC 410-280978/2	0.465	0.615992	9.56	3372383.0	1.324713	Y
3	IC 410-280978/3	1.86	2.54707	9.56	3304745.0	1.369393	Y
4	IC 410-280978/4	7.44	9.464271	9.56	3205260.0	1.272079	Y
5	ICISAV 410-280978/5	18.6	24.388554	9.56	3118907.0	1.311213	Y
6	IC 410-280978/6	46.5	64.396639	9.56	2880122.0	1.384874	Y
7	IC 410-280978/7	93.0	126.18349	9.56	2610253.0	1.356812	Y



Calibration

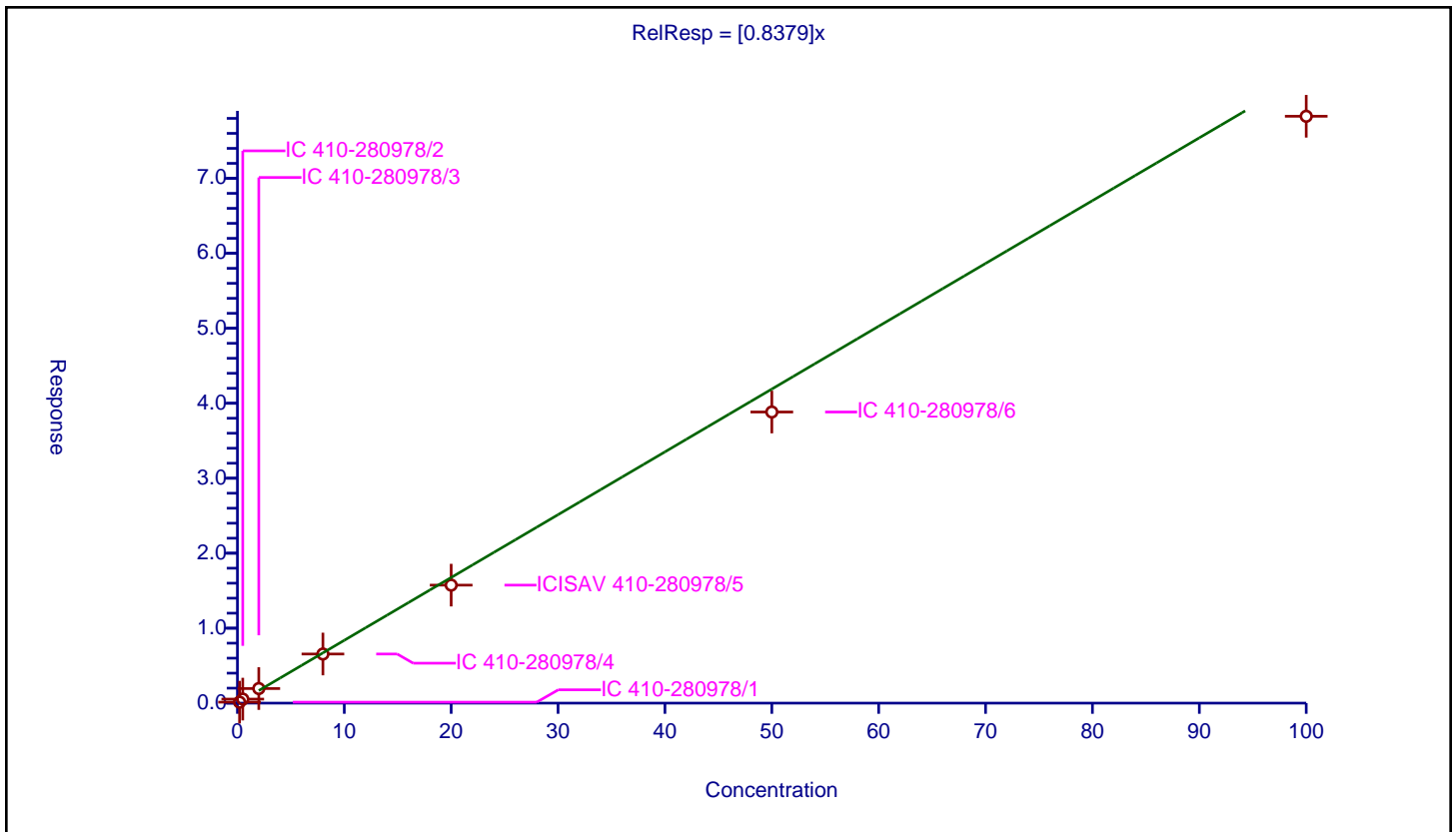
/ 10:2 FTCA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8379

Error Coefficients	
Standard Error:	428000
Relative Standard Error:	16.7
Correlation Coefficient:	0.976
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.13054	10.0	198024.0	0.652699	Y
2	IC 410-280978/2	0.5	0.537052	10.0	204077.0	1.074104	Y
3	IC 410-280978/3	2.0	1.945298	10.0	190485.0	0.972649	Y
4	IC 410-280978/4	8.0	6.552029	10.0	183418.0	0.819004	Y
5	ICISAV 410-280978/5	20.0	15.740098	10.0	178098.0	0.787005	Y
6	IC 410-280978/6	50.0	38.833885	10.0	137688.0	0.776678	Y
7	IC 410-280978/7	100.0	78.281789	10.0	108159.0	0.782818	Y



Calibration

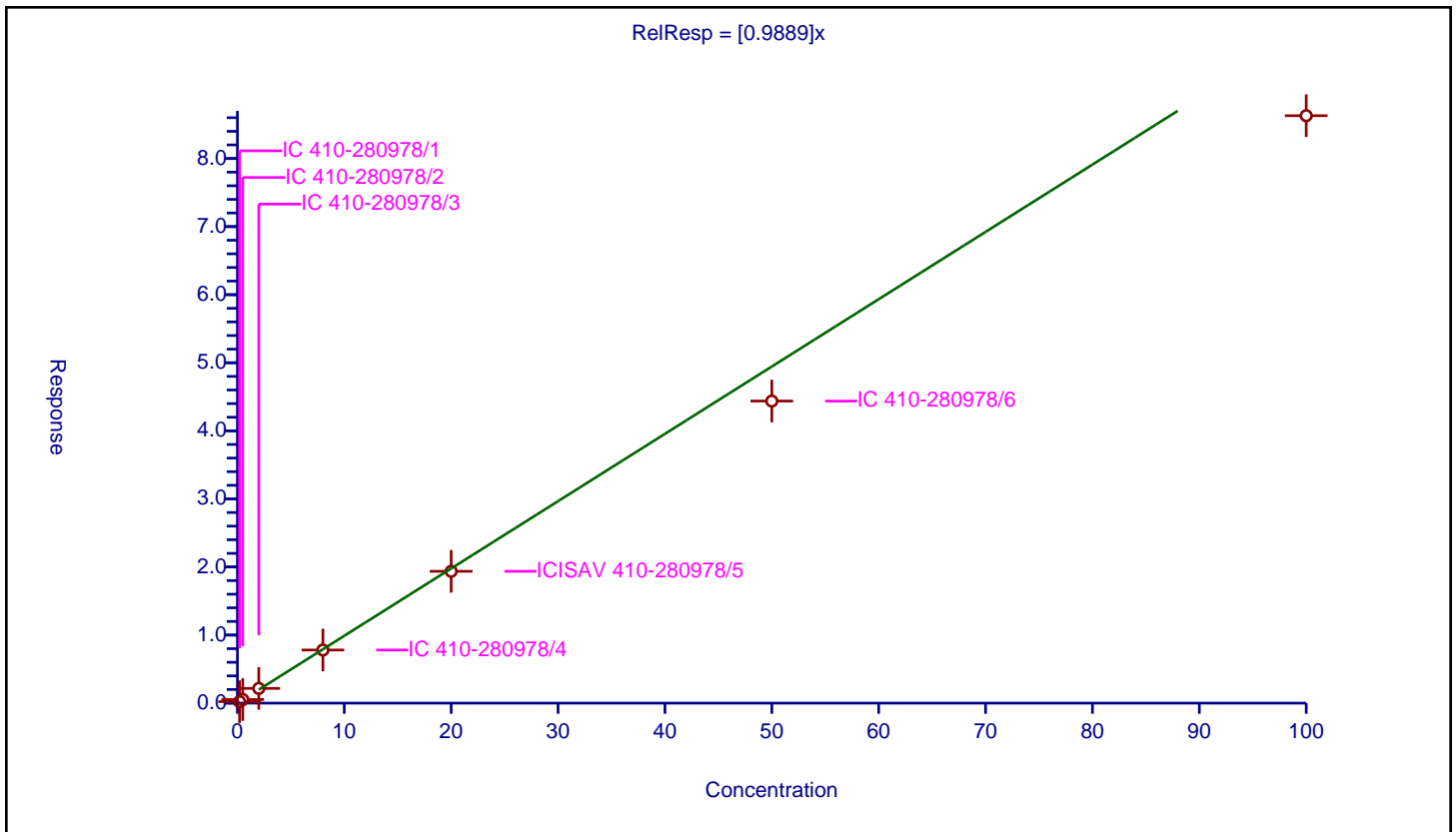
/ Perfluorododecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9889

Error Coefficients	
Standard Error:	21300000
Relative Standard Error:	9.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.217088	10.0	6448803.0	1.085442	Y
2	IC 410-280978/2	0.5	0.531371	10.0	6429952.0	1.062742	Y
3	IC 410-280978/3	2.0	2.160045	10.0	6220125.0	1.080023	Y
4	IC 410-280978/4	8.0	7.803451	10.0	6057507.0	0.975431	Y
5	ICISAV 410-280978/5	20.0	19.36518	10.0	5923367.0	0.968259	Y
6	IC 410-280978/6	50.0	44.372592	10.0	5756213.0	0.887452	Y
7	IC 410-280978/7	100.0	86.290755	10.0	5082266.0	0.862908	Y



Calibration

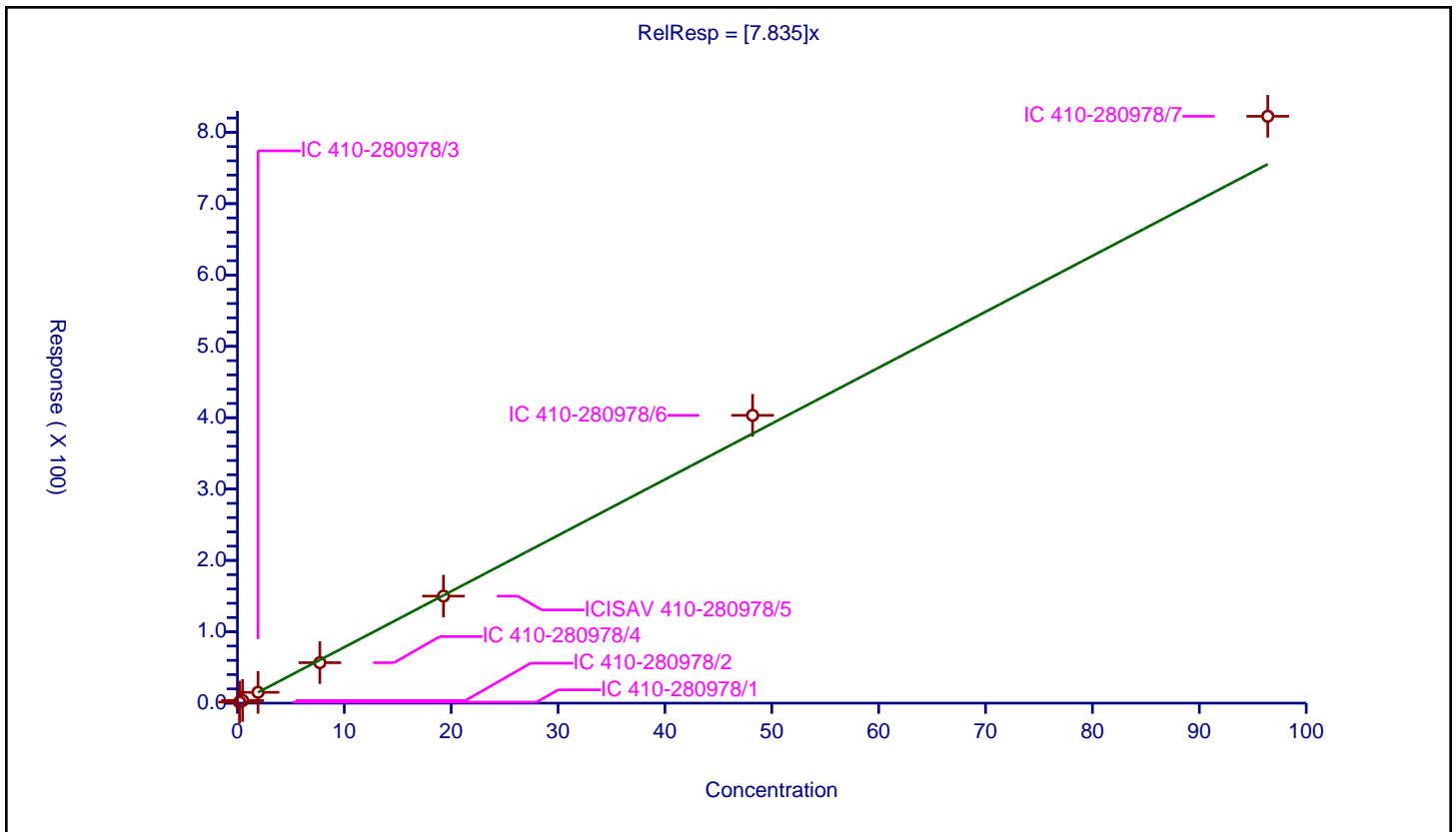
/ 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	7.835

Error Coefficients	
Standard Error:	3120000
Relative Standard Error:	5.9
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1928	1.424855	9.58	128022.0	7.390326	Y
2	IC 410-280978/2	0.482	3.651031	9.58	132004.0	7.574752	Y
3	IC 410-280978/3	1.928	15.135492	9.58	126381.0	7.850359	Y
4	IC 410-280978/4	7.712	56.700534	9.58	121393.0	7.352248	Y
5	ICISAV 410-280978/5	19.28	149.991937	9.58	112793.0	7.779665	Y
6	IC 410-280978/6	48.2	403.327407	9.58	90125.0	8.367789	Y
7	IC 410-280978/7	96.4	822.433972	9.58	74068.0	8.531473	Y



Calibration

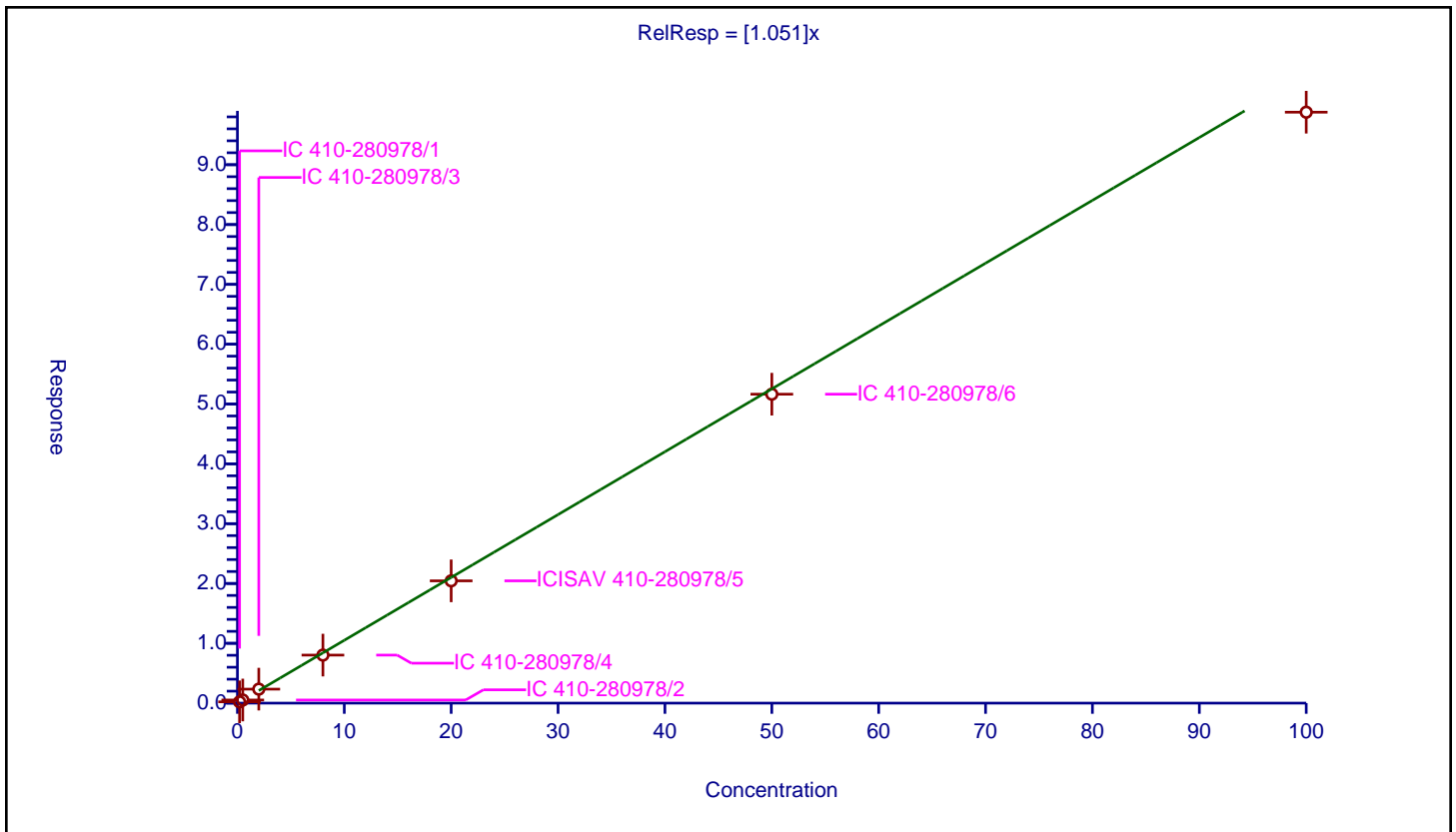
/ 2-(N-methylperfluoro-1-octanesulfonamido) ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.051

Error Coefficients	
Standard Error:	3970000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.217625	10.0	959172.0	1.088126	Y
2	IC 410-280978/2	0.5	0.524818	10.0	925978.0	1.049636	Y
3	IC 410-280978/3	2.0	2.339618	10.0	885089.0	1.169809	Y
4	IC 410-280978/4	8.0	8.02743	10.0	931683.0	1.003429	Y
5	ICISAV 410-280978/5	20.0	20.442329	10.0	947237.0	1.022116	Y
6	IC 410-280978/6	50.0	51.643062	10.0	902723.0	1.032861	Y
7	IC 410-280978/7	100.0	98.781386	10.0	838912.0	0.987814	Y



Calibration

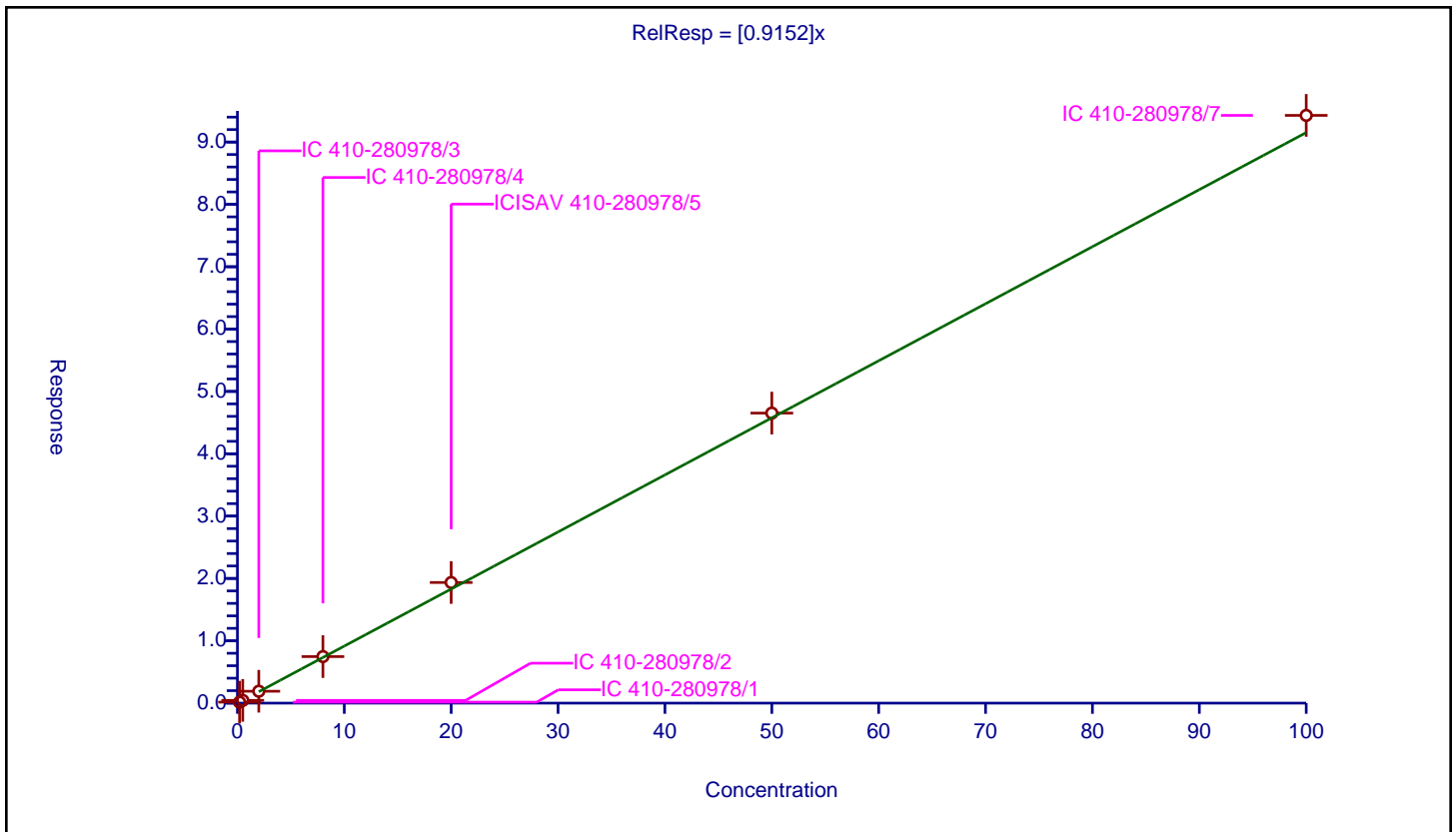
/ NMeFOSA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9152

Error Coefficients	
Standard Error:	2490000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.159235	10.0	584670.0	0.796176	Y
2	IC 410-280978/2	0.5	0.441242	10.0	592781.0	0.882484	Y
3	IC 410-280978/3	2.0	1.907834	10.0	578043.0	0.953917	Y
4	IC 410-280978/4	8.0	7.465902	10.0	569098.0	0.933238	Y
5	ICISAV 410-280978/5	20.0	19.350272	10.0	579458.0	0.967514	Y
6	IC 410-280978/6	50.0	46.52213	10.0	574987.0	0.930443	Y
7	IC 410-280978/7	100.0	94.27715	10.0	567165.0	0.942772	Y



Calibration

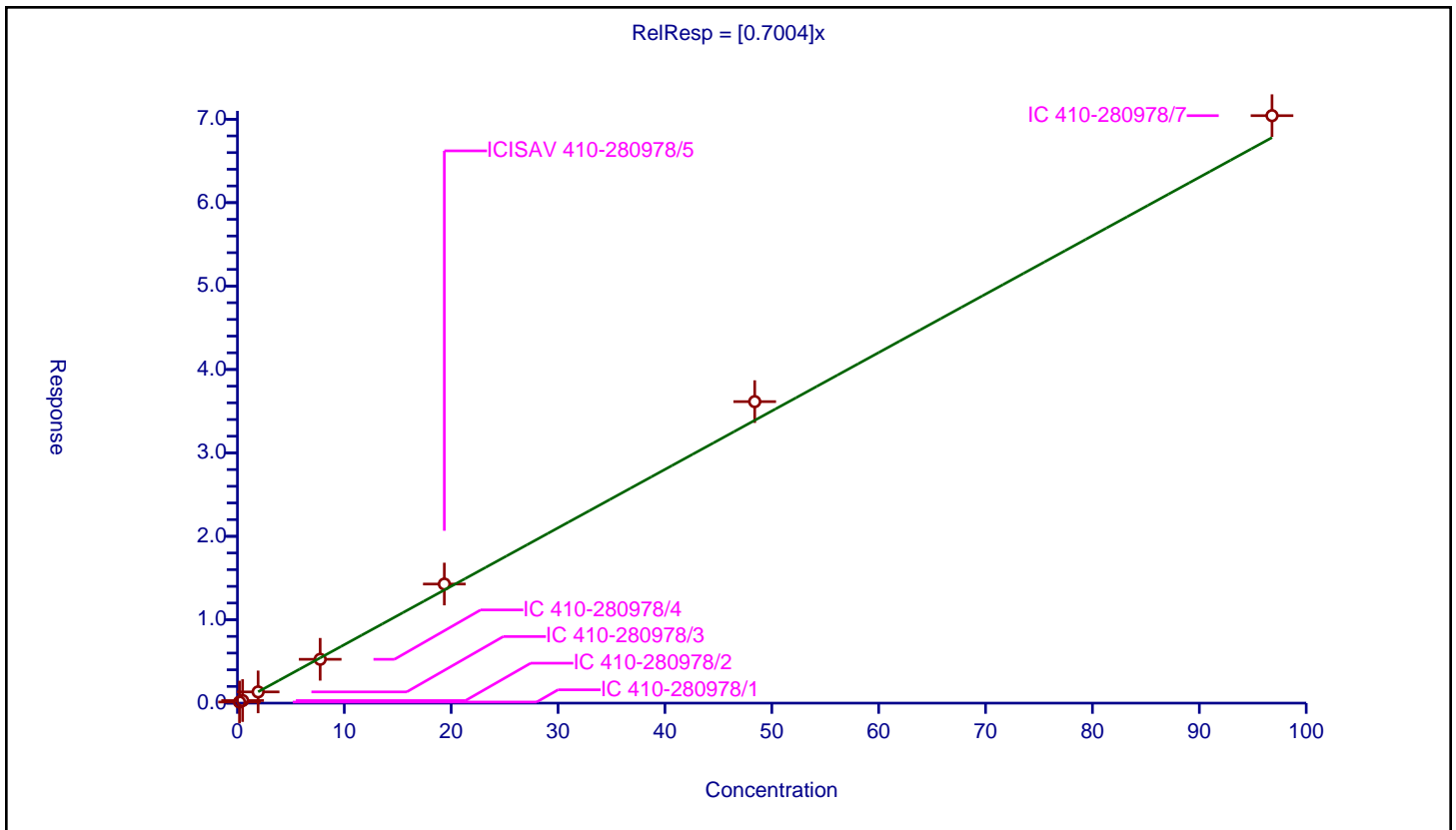
/ Perfluorododecanesulfonic acid (PFDoS)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7004

Error Coefficients	
Standard Error:	9250000
Relative Standard Error:	5.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.1936	0.131596	9.56	3446705.0	0.679734	Y
2	IC 410-280978/2	0.484	0.30897	9.56	3372383.0	0.638367	Y
3	IC 410-280978/3	1.936	1.344917	9.56	3304745.0	0.694688	Y
4	IC 410-280978/4	7.744	5.253115	9.56	3205260.0	0.678346	Y
5	ICISAV 410-280978/5	19.36	14.277637	9.56	3118907.0	0.737481	Y
6	IC 410-280978/6	48.4	36.146213	9.56	2880122.0	0.746823	Y
7	IC 410-280978/7	96.8	70.427554	9.56	2610253.0	0.727557	Y



Calibration

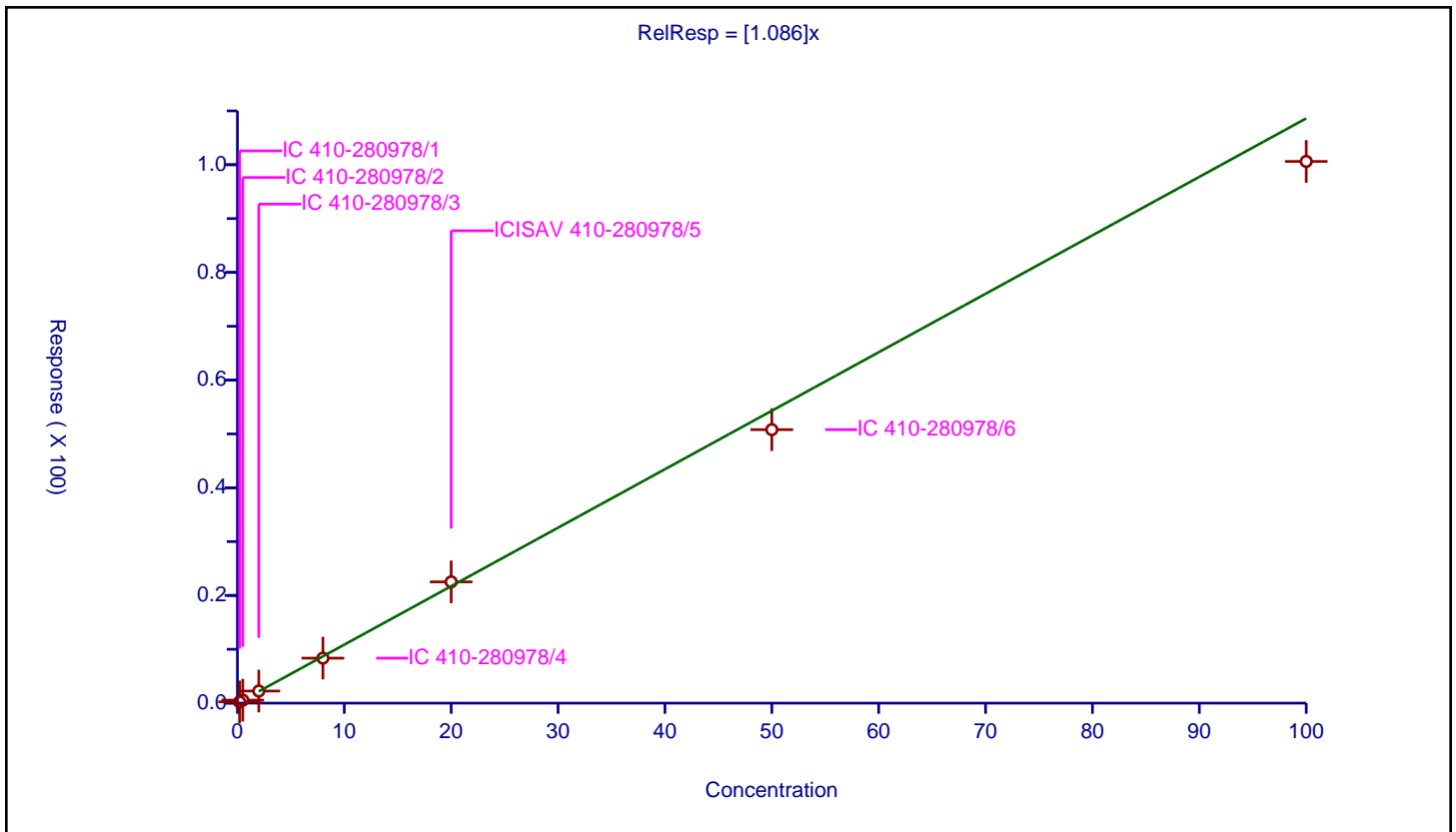
/ 2-(N-ethylperfluoro-1-octanesulfonamido) ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.086

Error Coefficients	
Standard Error:	4360000
Relative Standard Error:	5.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.235562	10.0	1084044.0	1.177812	Y
2	IC 410-280978/2	0.5	0.553995	10.0	1079702.0	1.107991	Y
3	IC 410-280978/3	2.0	2.247823	10.0	1124666.0	1.123911	Y
4	IC 410-280978/4	8.0	8.357907	10.0	1075950.0	1.044738	Y
5	ICISAV 410-280978/5	20.0	22.52191	10.0	1010167.0	1.126095	Y
6	IC 410-280978/6	50.0	50.798825	10.0	1013000.0	1.015977	Y
7	IC 410-280978/7	100.0	100.610813	10.0	897738.0	1.006108	Y



Calibration

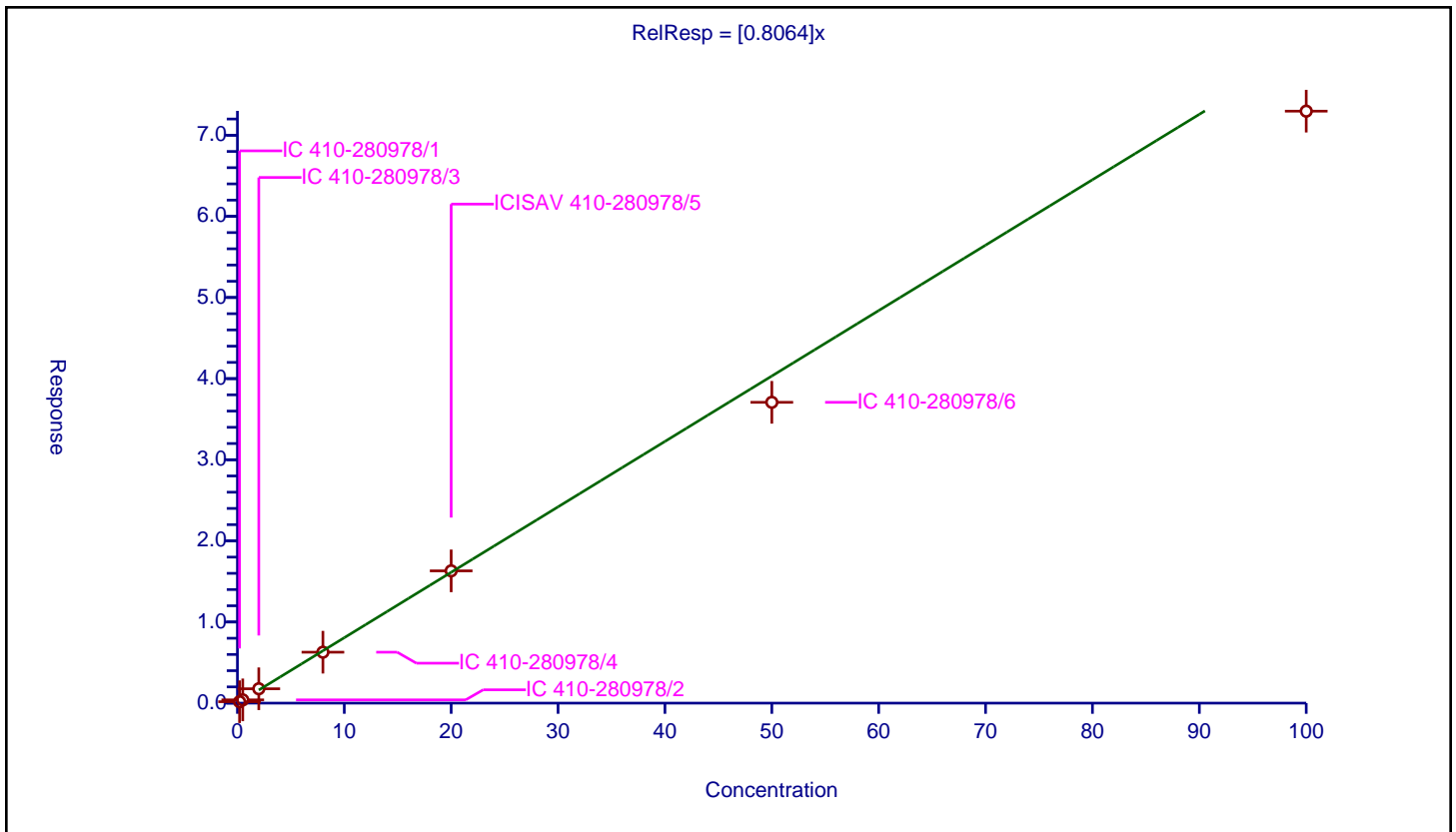
/ Perfluorotridecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8064

Error Coefficients	
Standard Error:	18000000
Relative Standard Error:	7.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.176882	10.0	6448803.0	0.884412	Y
2	IC 410-280978/2	0.5	0.401868	10.0	6429952.0	0.803735	Y
3	IC 410-280978/3	2.0	1.770776	10.0	6220125.0	0.885388	Y
4	IC 410-280978/4	8.0	6.278423	10.0	6057507.0	0.784803	Y
5	ICISAV 410-280978/5	20.0	16.304841	10.0	5923367.0	0.815242	Y
6	IC 410-280978/6	50.0	37.079554	10.0	5756213.0	0.741591	Y
7	IC 410-280978/7	100.0	72.968367	10.0	5082266.0	0.729684	Y



Calibration

/ N-ethylperfluoro-1-octanesulfonamide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

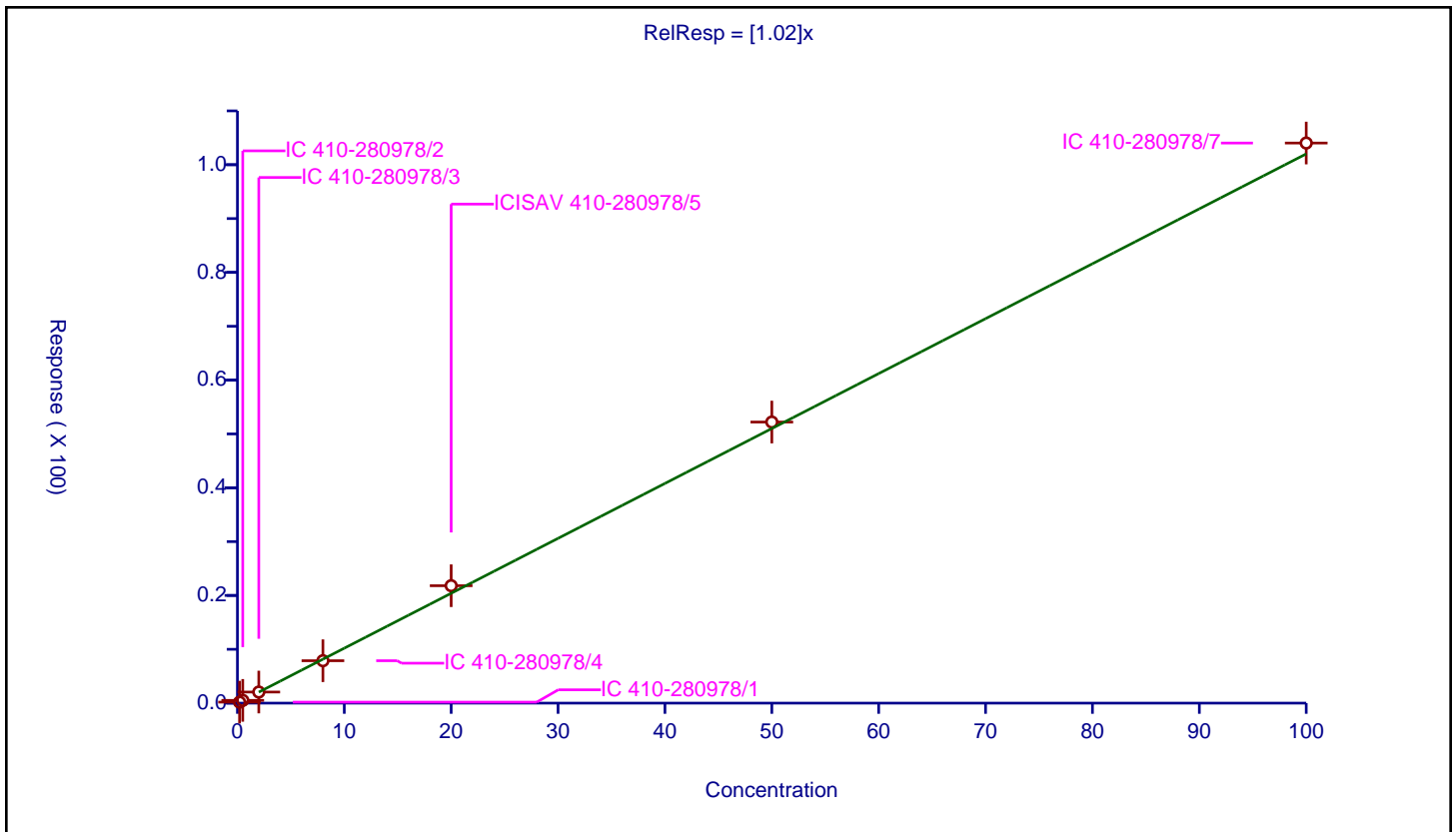
Curve Coefficients

Intercept: 0
Slope: 1.02

Error Coefficients

Standard Error: 2540000
Relative Standard Error: 5.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.185603	10.0	589806.0	0.928017	Y
2	IC 410-280978/2	0.5	0.511465	10.0	584087.0	1.02293	Y
3	IC 410-280978/3	2.0	2.06114	10.0	577394.0	1.03057	Y
4	IC 410-280978/4	8.0	7.875365	10.0	573016.0	0.984421	Y
5	ICISAV 410-280978/5	20.0	21.810357	10.0	550836.0	1.090518	Y
6	IC 410-280978/6	50.0	52.204045	10.0	542117.0	1.044081	Y
7	IC 410-280978/7	100.0	104.028507	10.0	517482.0	1.040285	Y



Calibration

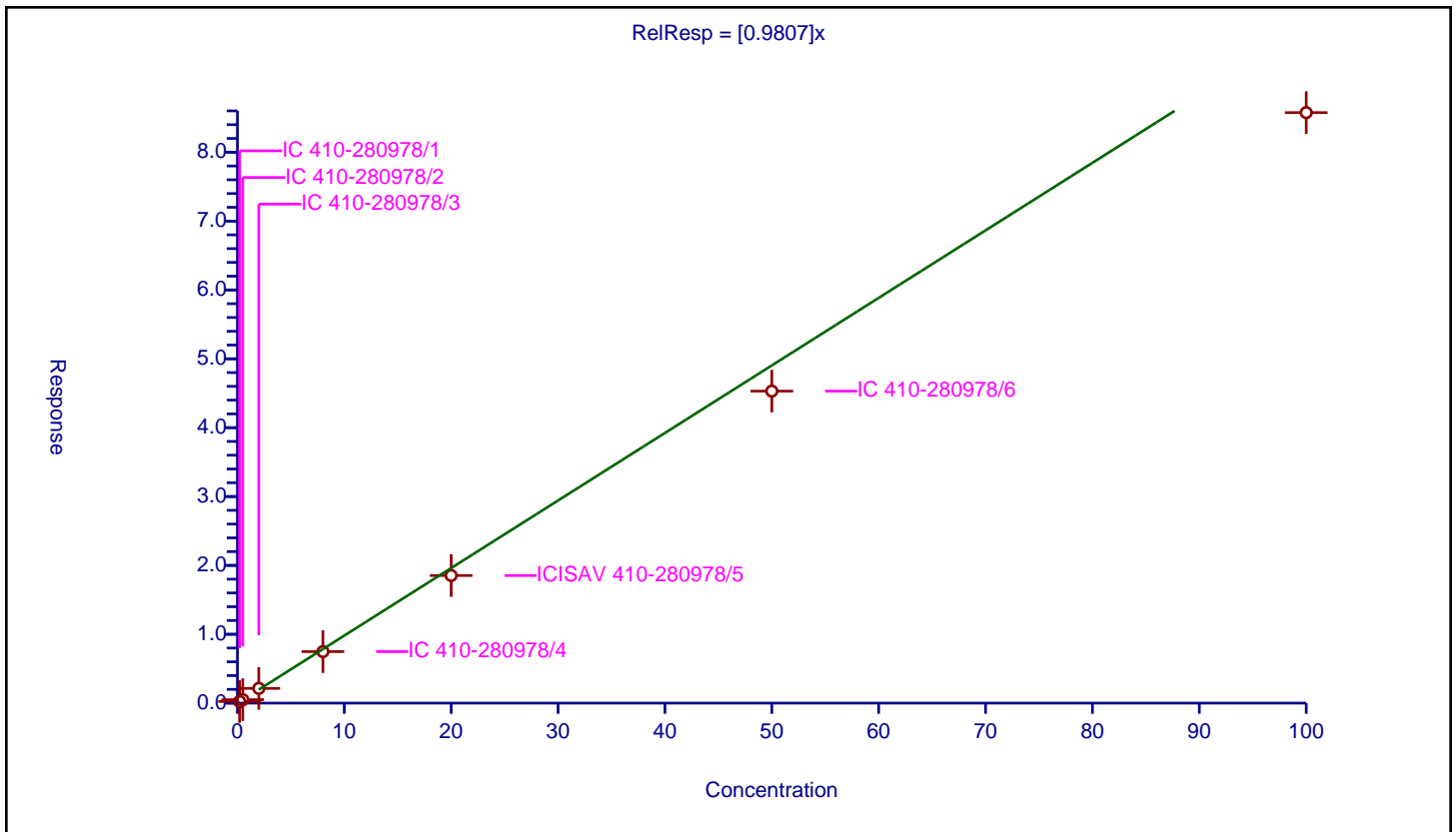
/ Perfluorotetradecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9807

Error Coefficients	
Standard Error:	13200000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.233167	10.0	3447577.0	1.165833	Y
2	IC 410-280978/2	0.5	0.502748	10.0	3455810.0	1.005495	Y
3	IC 410-280978/3	2.0	2.136715	10.0	3344798.0	1.068357	Y
4	IC 410-280978/4	8.0	7.481896	10.0	3467926.0	0.935237	Y
5	ICISAV 410-280978/5	20.0	18.531573	10.0	3383512.0	0.926579	Y
6	IC 410-280978/6	50.0	45.306781	10.0	3300349.0	0.906136	Y
7	IC 410-280978/7	100.0	85.749363	10.0	3233026.0	0.857494	Y



Calibration

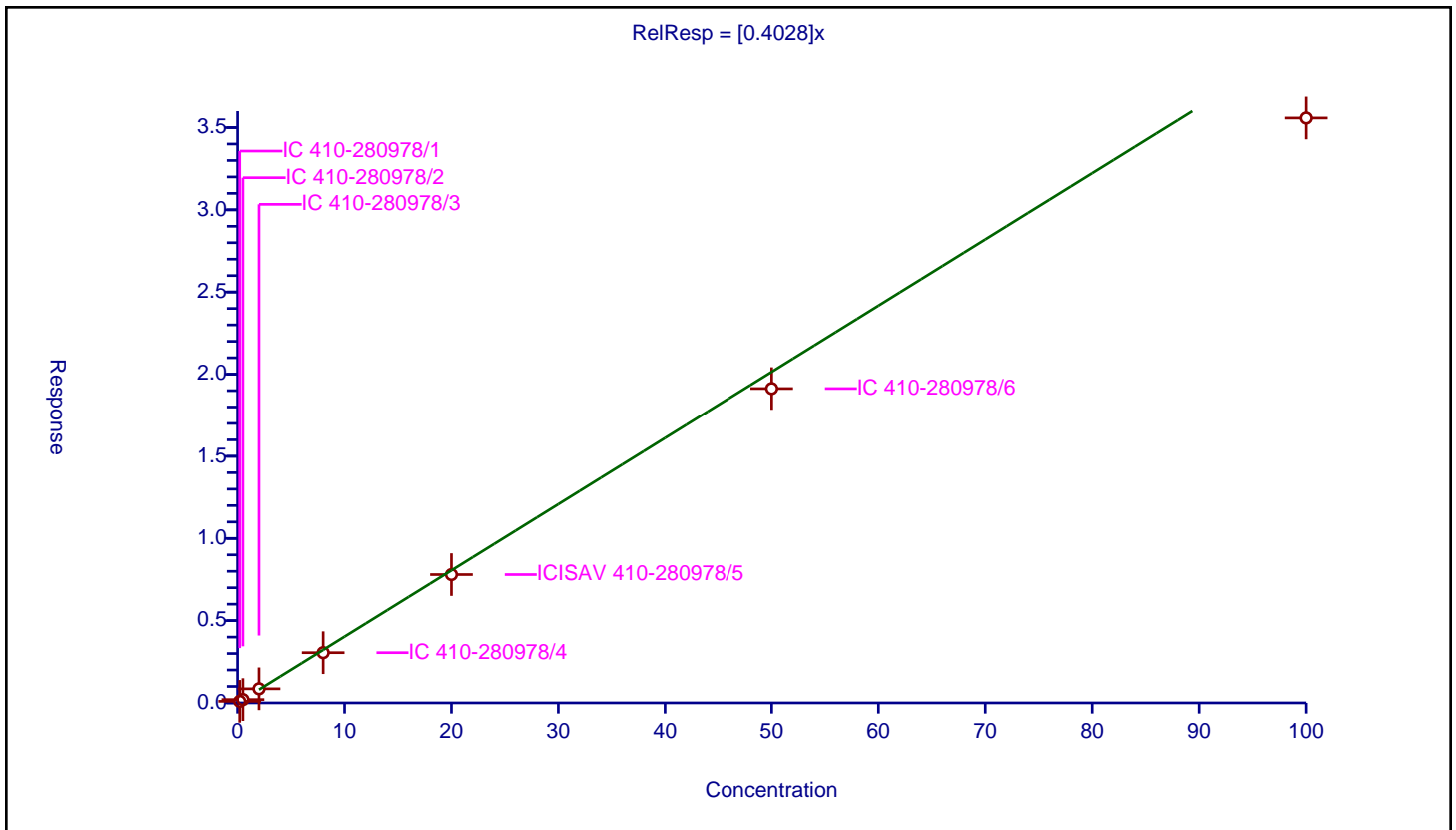
/ Perfluorohexadecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4028

Error Coefficients	
Standard Error:	5480000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.095571	10.0	3447577.0	0.477857	Y
2	IC 410-280978/2	0.5	0.201892	10.0	3455810.0	0.403784	Y
3	IC 410-280978/3	2.0	0.856671	10.0	3344798.0	0.428335	Y
4	IC 410-280978/4	8.0	3.052069	10.0	3467926.0	0.381509	Y
5	ICISAV 410-280978/5	20.0	7.801016	10.0	3383512.0	0.390051	Y
6	IC 410-280978/6	50.0	19.126598	10.0	3300349.0	0.382532	Y
7	IC 410-280978/7	100.0	35.581758	10.0	3233026.0	0.355818	Y



Calibration

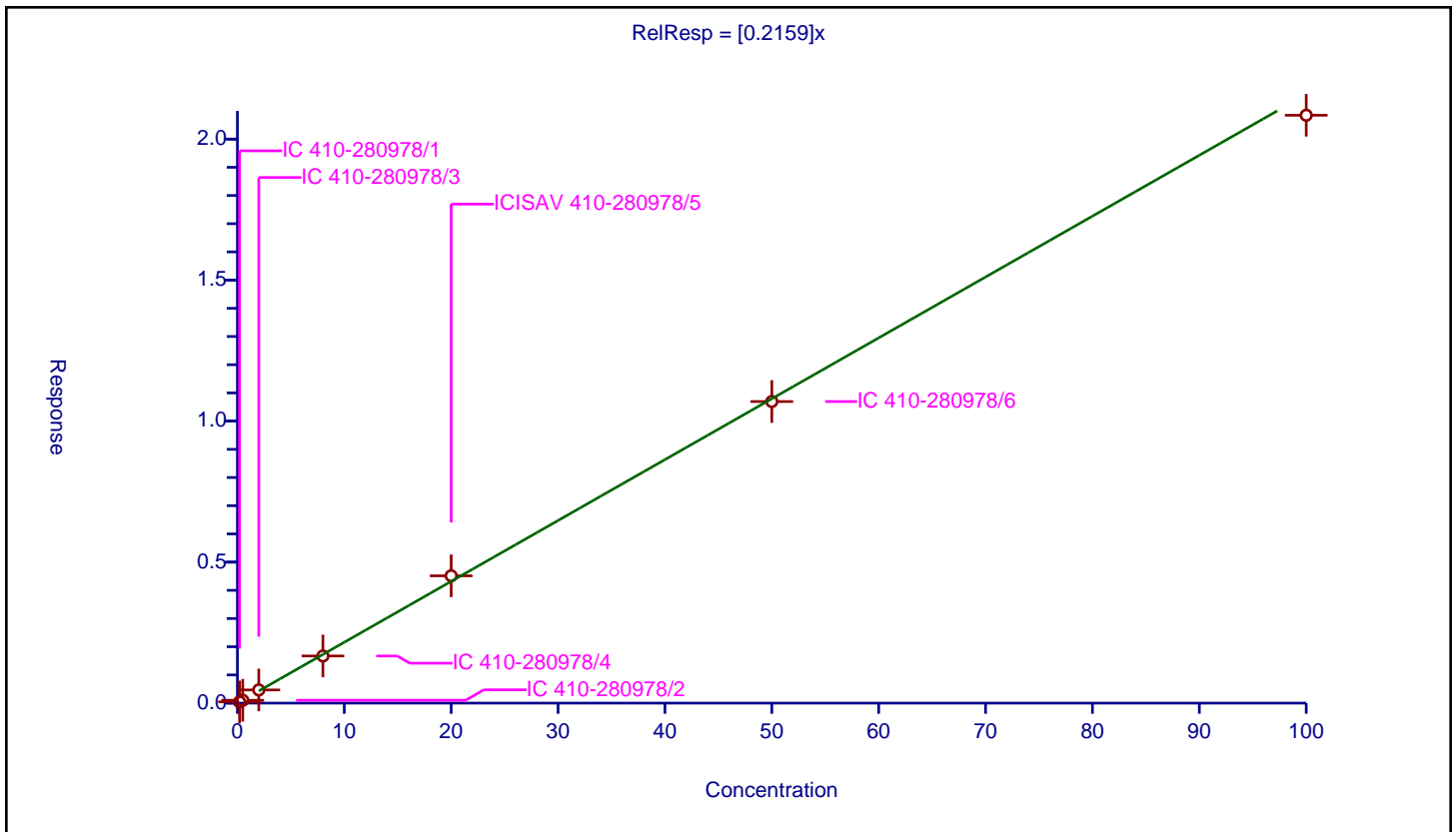
/ Perfluorooctadecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2159

Error Coefficients	
Standard Error:	3180000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-280978/1	0.2	0.043497	10.0	3447577.0	0.217486	Y
2	IC 410-280978/2	0.5	0.10116	10.0	3455810.0	0.20232	Y
3	IC 410-280978/3	2.0	0.468214	10.0	3344798.0	0.234107	Y
4	IC 410-280978/4	8.0	1.671945	10.0	3467926.0	0.208993	Y
5	ICISAV 410-280978/5	20.0	4.514289	10.0	3383512.0	0.225714	Y
6	IC 410-280978/6	50.0	10.694239	10.0	3300349.0	0.213885	Y
7	IC 410-280978/7	100.0	20.845381	10.0	3233026.0	0.208454	Y



FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 410-280978/9 Calibration Date: 07/31/2022 16:52
 Instrument ID: 30730 Calib Start Date: 07/28/2022 10:36
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/28/2022 12:04
 Lab File ID: 22JUL31MCAL-30.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
MTP	AveID	0.1239			0.130	2.00		

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 410-280978/9 Calibration Date: 07/31/2022 16:52
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22JUL31MCAL-30.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PPF Acid	AveID	0.5503	0.5568		2.02	2.00	1.2	30.0
PFMOAA	AveID	0.4692	0.4538		1.93	2.00	-3.3	30.0
Perfluorobutanoic acid	AveID	0.9668	1.037		2.15	2.00	7.3	30.0
R-EVE	AveID	0.2891	0.2923		2.02	2.00	1.1	30.0
R-PSDA	AveID	0.0616	0.0570		1.85	2.00	-7.4	30.0
Hydrolyzed PSDA	AveID	0.3997	0.4043		2.02	2.00	1.2	30.0
PMPA	AveID	0.3879	0.3785		1.95	2.00	-2.4	30.0
Perfluoropropanesulfonic acid	AveID	0.2829	0.2881		1.87	1.83	1.9	30.0
NVHOS	AveID	0.2890	0.2950		2.04	2.00	2.1	30.0
PFECA F	AveID	0.9649	1.055		2.19	2.00	9.4	30.0
PFO2HxA	AveID	0.1766	0.1709		1.94	2.00	-3.2	30.0
3:3 FTCA	AveID	0.0439	0.0472		2.15	2.00	7.5	30.0
Perfluoropentanoic acid	AveID	0.9731	1.033		2.12	2.00	6.1	30.0
Perfluorobutanesulfonic acid	AveID	1.032	1.104		1.89	1.77	7.0	30.0
PEPA	AveID	0.1262	0.1237		1.96	2.00	-2.0	30.0
PFECA A	AveID	0.7845	0.7966		2.03	2.00	1.5	30.0
Perfluoro (2-ethoxyethane) sulfonic acid	AveID	3.022	3.167		1.87	1.78	4.8	30.0
PFECA B	AveID	0.7867	0.8136		2.07	2.00	3.4	30.0
4:2 Fluorotelomer sulfonic acid	AveID	2.682	3.029		2.11	1.87	12.9	30.0
Perfluorohexanoic acid	AveID	0.7961	0.8599		2.16	2.00	8.0	30.0
Perfluoropentanesulfonic acid	AveID	0.8710	0.9254		1.99	1.88	6.2	30.0
PFO3OA	AveID	0.1693	0.1896		2.24	2.00	12.0	30.0
HFPODA	AveID	4.358	4.376		2.01	2.00	0.4	30.0
Hydro-EVE Acid	AveID	1.937	1.989		2.05	2.00	2.7	30.0
R-PSDCA	AveID	2.856	2.872		2.01	2.00	0.6	30.0
Perfluoroheptanoic acid	AveID	0.9871	1.063		2.15	2.00	7.6	30.0
Perfluorohexanesulfonic acid	AveID	1.077	1.112		1.88	1.82	3.3	30.0
Hydro-PS Acid	AveID	1.529	1.526		2.00	2.00	-0.2	30.0
DONA	AveID	1.255	1.278		1.92	1.89	1.8	30.0
PFO4DA	AveID	1.378	1.581		2.30	2.00	14.8	30.0
PFECA G	AveID	2.718	2.955		2.17	2.00	8.7	30.0
5:3 FTCA	AveID	0.1679	0.1765		2.10	2.00	5.1	30.0
6:2 FTUCA	AveID	1.391	1.611		2.32	2.00	15.9	30.0
6:2 FTCA	AveID	1.144	1.111		1.94	2.00	-2.9	30.0
PS Acid	AveID	0.5884	0.6047		2.06	2.00	2.8	30.0
EVE Acid	AveID	2.365	2.626		2.22	2.00	11.0	30.0
Perfluoro-4-ethylcyclohexane sulfonic acid	AveID	1.686	1.622		1.77	1.84	-3.8	30.0
6:2 Fluorotelomer sulfonic acid	AveID	4.736	5.198		2.08	1.90	9.8	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1

SDG No.: _____

Lab Sample ID: ICV 410-280978/9 Calibration Date: 07/31/2022 16:52

Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24

GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30

Lab File ID: 22JUL31MCAL-30.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluoroheptanesulfonic acid	AveID	0.9104	0.9101		1.90	1.90	-0.0	30.0
Perfluorooctanoic acid	AveID	0.7406	0.7688		2.08	2.00	3.8	30.0
TAF	AveID	0.1129	0.1250		2.21	2.00	10.7	30.0
Perfluorooctanesulfonic acid	AveID	1.041	1.113		1.98	1.85	6.9	30.0
Perfluorononanoic acid	AveID	0.9619	1.015		2.11	2.00	5.6	30.0
7:3 FTCA	AveID	3.457	4.387		2.54	2.00	26.9	30.0
8:2 FTUCA	AveID	0.9876	1.110		2.25	2.00	12.4	30.0
8:2 FTCA	AveID	0.9670	1.101		2.28	2.00	13.9	30.0
9Cl-PF3ONS	AveID	1.917	2.136		2.07	1.86	11.5	30.0
Perfluorononanesulfonic acid	AveID	1.155	1.297		2.15	1.92	12.2	30.0
8:2 Fluorotelomer sulfonic acid	AveID	7.306	8.406		2.20	1.92	15.1	30.0
Perfluorodecanoic acid	AveID	0.7926	0.8322		2.10	2.00	5.0	30.0
Perfluorooctanesulfonamide	AveID	1.025	1.089		2.12	2.00	6.2	30.0
NMeFOSAA	AveID	0.8934	1.004		2.25	2.00	12.4	30.0
Perfluorodecanesulfonic acid	AveID	1.111	1.193		2.07	1.93	7.3	30.0
Perfluoroundecanoic acid	AveID	0.7484	0.8152		2.18	2.00	8.9	30.0
NETFOSAA	AveID	0.8574	0.8516		1.99	2.00	-0.7	30.0
10:2 FTUCA	AveID	0.8978	1.003		2.23	2.00	11.7	30.0
10:2 FTCA	AveID	0.8379	0.8702		2.08	2.00	3.9	30.0
11Cl-PF3OUdS	AveID	1.335	1.429		1.99	1.86	7.1	30.0
Perfluorododecanoic acid	AveID	0.9889	1.085		2.20	2.00	9.8	30.0
10:2 FTS	AveID	7.835	8.005		1.97	1.93	2.2	30.0
NMeFOSE	AveID	1.051	1.130		2.15	2.00	7.6	30.0
NMeFOSA	AveID	0.9152	1.033		2.26	2.00	12.9	30.0
Perfluorododecanesulfonic acid	AveID	0.7004	0.7324		2.02	1.94	4.6	30.0
NETFOSE	AveID	1.086	1.199		2.21	2.00	10.4	30.0
Perfluorotridecanoic acid	AveID	0.8064	0.8719		2.16	2.00	8.1	30.0
NETFOSA	AveID	1.020	1.106		2.17	2.00	8.4	30.0
Perfluorotetradecanoic acid	AveID	0.9807	1.052		2.15	2.00	7.3	30.0
Perfluorohexadecanoic acid	AveID	0.4028	0.4132		2.05	2.00	2.6	30.0
Perfluorooctadecanoic acid	AveID	0.2159	0.2130		1.97	2.00	-1.3	30.0
13C4 PFBA	Ave	1.104	1.122		10.2	10.0	1.6	30.0
13C5 PFPeA	Ave	1.269	1.315		10.4	10.0	3.7	30.0
13C3 PFBS	Ave	1.259	1.287		9.50	9.30	2.2	30.0
M2-4:2 FTS	Ave	0.1438	0.1324		8.60	9.34	-7.9	30.0
13C5 PFHxA	Ave	1.151	1.177		10.2	10.0	2.2	30.0
13C3 HFPO-DA	Ave	0.0282	0.0289		10.2	10.0	2.5	30.0
13C3 PFHxS	Ave	0.7062	0.7703		10.3	9.46	9.1	30.0
13C4 PFHpA	Ave	1.301	1.440		11.1	10.0	10.6	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: ICV 410-280978/9 Calibration Date: 07/31/2022 16:52
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22JUL31MCAL-30.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C2-2H-Perfluoro-2-octenoic acid	Ave	0.8468	0.8767		10.4	10.0	3.5	30.0
13C2-2-Perfluorohexylethanoic acid	Ave	0.0554	0.0498		8.99	10.0	-10.1	30.0
M2-6:2 FTS	Ave	0.0359	0.0363		9.60	9.50	1.1	30.0
13C8 PFOA	Ave	1.306	1.396		10.7	10.0	6.9	30.0
13C8 PFOS	Ave	1.042	1.061		9.74	9.56	1.9	30.0
13C9 PFNA	Ave	1.297	1.399		10.8	10.0	7.8	30.0
13C2-2H-Perfluoro-2-decenoic acid	Ave	0.8866	0.9373		10.6	10.0	5.7	30.0
13C2-2-Perfluorooctylethanoic acid	Ave	0.0366	0.0348		9.50	10.0	-5.0	30.0
13C6 PFDA	Ave	0.9673	1.001		10.4	10.0	3.5	30.0
M2-8:2 FTS	Ave	0.0201	0.0211		10.1	9.58	5.1	30.0
13C8 FOSA	Ave	0.8594	0.8185		9.52	10.0	-4.8	30.0
d3-NMeFOSAA	Ave	0.2811	0.2490		8.86	10.0	-11.4	30.0
13C7 PFUnA	Ave	1.296	1.349		10.4	10.0	4.1	30.0
d5-NEtFOSAA	Ave	0.2411	0.2414		10.0	10.0	0.1	30.0
13C2-2H-Perfluoro-2-dodecenoic acid	Ave	0.9584	1.007		10.5	10.0	5.0	30.0
13C2-2-Perfluorodecylethanoic acid	Ave	0.0293	0.0277		9.45	10.0	-5.5	30.0
13C2-PFDoDA	Ave	1.042	1.012		9.71	10.0	-2.9	30.0
d7-N-MeFOSE-M	Ave	0.1598	0.1498		9.38	10.0	-6.2	30.0
d3-NMePFOSA	Ave	0.1015	0.0938		9.24	10.0	-7.6	30.0
d9-N-EtFOSE-M	Ave	0.1813	0.1722		9.50	10.0	-5.0	30.0
d5-NEtPFOSA	Ave	0.0982	0.0923		9.39	10.0	-6.1	30.0
13C2 PFTeDA	Ave	0.5917	0.5635		9.52	10.0	-4.8	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/80 Calibration Date: 08/02/2022 01:50
 Instrument ID: 30730 Calib Start Date: 07/28/2022 10:36
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/28/2022 12:04
 Lab File ID: 22AUG01-80.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
MTP	AveID	0.1239			0.130	20.0		

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/80 Calibration Date: 08/02/2022 01:50
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22AUG01-80.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PPF Acid	AveID	0.5503	0.5870		21.3	20.0	6.7	30.0
PFMOAA	AveID	0.4692	0.4899		20.9	20.0	4.4	30.0
Perfluorobutanoic acid	AveID	0.9668	0.9337		19.3	20.0	-3.4	30.0
R-EVE	AveID	0.2891	0.2686		18.6	20.0	-7.1	30.0
R-PSDA	AveID	0.0616	0.0557		18.1	20.0	-9.7	30.0
Hydrolyzed PSDA	AveID	0.3997	0.3728		18.7	20.0	-6.7	30.0
PMPA	AveID	0.3879	0.4176		21.5	20.0	7.7	30.0
Perfluoropropanesulfonic acid	AveID	0.2829	0.2949		19.1	18.3	4.3	30.0
NVHOS	AveID	0.2890	0.3021		20.9	20.0	4.5	30.0
PFECA F	AveID	0.9649	0.9729		20.2	20.0	0.8	30.0
PFO2HxA	AveID	0.1766	0.1947		22.0	20.0	10.2	30.0
3:3 FTCA	AveID	0.0439	0.0462		21.1	20.0	5.3	30.0
Perfluoropentanoic acid	AveID	0.9731	0.9888		20.3	20.0	1.6	30.0
Perfluorobutanesulfonic acid	AveID	1.032	0.9705		16.6	17.7	-5.9	30.0
PEPA	AveID	0.1262	0.1432		22.7	20.0	13.5	30.0
PFECA A	AveID	0.7845	0.8040		20.5	20.0	2.5	30.0
Perfluoro (2-ethoxyethane) sulfonic acid	AveID	3.022	2.863		16.9	17.8	-5.3	30.0
PFECA B	AveID	0.7867	0.7993		20.3	20.0	1.6	30.0
4:2 Fluorotelomer sulfonic acid	AveID	2.682	2.668		18.6	18.7	-0.5	30.0
Perfluorohexanoic acid	AveID	0.7961	0.7342		18.4	20.0	-7.8	30.0
Perfluoropentanesulfonic acid	AveID	0.8710	0.8015		17.3	18.8	-8.0	30.0
PFO3OA	AveID	0.1693	0.1909		22.6	20.0	12.8	30.0
HFPODA	AveID	4.358	3.784		17.4	20.0	-13.2	30.0
Hydro-EVE Acid	AveID	1.937	1.932		20.0	20.0	-0.2	30.0
R-PSDCA	AveID	2.856	2.736		19.2	20.0	-4.2	30.0
Perfluoroheptanoic acid	AveID	0.9871	0.9474		19.2	20.0	-4.0	30.0
Perfluorohexanesulfonic acid	AveID	1.077	1.056		17.9	18.2	-1.9	30.0
Hydro-PS Acid	AveID	1.529	1.516		19.8	20.0	-0.8	30.0
DONA	AveID	1.255	1.236		18.6	18.9	-1.5	30.0
PFO4DA	AveID	1.378	1.297		18.8	20.0	-5.9	30.0
PFECA G	AveID	2.718	2.689		19.8	20.0	-1.1	30.0
5:3 FTCA	AveID	0.1679	0.1772		21.1	20.0	5.5	30.0
6:2 FTUCA	AveID	1.391	1.319		19.0	20.0	-5.1	30.0
6:2 FTCA	AveID	1.144	1.064		18.6	20.0	-7.0	30.0
PS Acid	AveID	0.5884	0.5599		19.0	20.0	-4.8	30.0
EVE Acid	AveID	2.365	2.279		19.3	20.0	-3.6	30.0
Perfluoro-4-ethylcyclohexane sulfonic acid	AveID	1.686	1.724		18.9	18.4	2.3	30.0
6:2 Fluorotelomer sulfonic acid	AveID	4.736	5.074		20.3	19.0	7.1	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/80 Calibration Date: 08/02/2022 01:50
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22AUG01-80.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluoroheptanesulfonic acid	AveID	0.9104	0.9298		19.4	19.0	2.1	30.0
Perfluorooctanoic acid	AveID	0.7406	0.6981		18.9	20.0	-5.7	30.0
TAF	AveID	0.1129	0.1172		20.8	20.0	3.8	30.0
Perfluorooctanesulfonic acid	AveID	1.041	1.021		18.2	18.5	-1.8	30.0
Perfluorononanoic acid	AveID	0.9619	0.8948		18.6	20.0	-7.0	30.0
7:3 FTCA	AveID	3.457	3.291		19.0	20.0	-4.8	30.0
8:2 FTUCA	AveID	0.9876	0.9215		18.7	20.0	-6.7	30.0
8:2 FTCA	AveID	0.9670	0.8759		18.1	20.0	-9.4	30.0
9Cl-PF3ONS	AveID	1.917	1.978		19.2	18.6	3.2	30.0
Perfluorononanesulfonic acid	AveID	1.155	1.195		19.9	19.2	3.4	30.0
8:2 Fluorotelomer sulfonic acid	AveID	7.306	8.205		21.5	19.2	12.3	30.0
Perfluorodecanoic acid	AveID	0.7926	0.7617		19.2	20.0	-3.9	30.0
Perfluorooctanesulfonamide	AveID	1.025	0.9909		19.3	20.0	-3.3	30.0
NMeFOSAA	AveID	0.8934	0.8607		19.3	20.0	-3.7	30.0
Perfluorodecanesulfonic acid	AveID	1.111	1.128		19.6	19.3	1.5	30.0
Perfluoroundecanoic acid	AveID	0.7484	0.7321		19.6	20.0	-2.2	30.0
NETFOSAA	AveID	0.8574	0.8254		19.3	20.0	-3.7	30.0
10:2 FTUCA	AveID	0.8978	0.8441		18.8	20.0	-6.0	30.0
10:2 FTCA	AveID	0.8379	0.8762		20.9	20.0	4.6	30.0
11Cl-PF3OUdS	AveID	1.335	1.316		18.3	18.6	-1.4	30.0
Perfluorododecanoic acid	AveID	0.9889	0.9489		19.2	20.0	-4.0	30.0
10:2 FTS	AveID	7.835	8.315		20.5	19.3	6.1	30.0
NMeFOSE	AveID	1.051	1.039		19.8	20.0	-1.1	30.0
NMeFOSA	AveID	0.9152	0.9917		21.7	20.0	8.4	30.0
Perfluorododecanesulfonic acid	AveID	0.7004	0.6999		19.3	19.4	-0.0	30.0
NETFOSE	AveID	1.086	1.095		20.2	20.0	0.8	30.0
Perfluorotridecanoic acid	AveID	0.8064	0.7870		19.5	20.0	-2.4	30.0
NETFOSA	AveID	1.020	1.090		21.4	20.0	6.9	30.0
Perfluorotetradecanoic acid	AveID	0.9807	0.9537		19.4	20.0	-2.8	30.0
Perfluorohexadecanoic acid	AveID	0.4028	0.4382		21.8	20.0	8.8	30.0
Perfluorooctadecanoic acid	AveID	0.2159	0.2440		22.6	20.0	13.0	30.0
13C4 PFBA	Ave	1.104	1.083		9.80	10.0	-2.0	30.0
13C5 PFPeA	Ave	1.269	1.263		9.96	10.0	-0.4	30.0
13C3 PFBS	Ave	1.259	1.263		9.33	9.30	0.3	30.0
M2-4:2 FTS	Ave	0.1438	0.1230		7.99	9.34	-14.5	30.0
13C5 PFHxA	Ave	1.151	1.149		9.98	10.0	-0.2	30.0
13C3 HFPO-DA	Ave	0.0282	0.0322		11.4	10.0	13.9	30.0
13C3 PFHxS	Ave	0.7062	0.6626		8.88	9.46	-6.2	30.0
13C4 PFHpA	Ave	1.301	1.287		9.89	10.0	-1.1	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/80 Calibration Date: 08/02/2022 01:50
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22AUG01-80.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C2-2H-Perfluoro-2-octenoic acid	Ave	0.8468	0.8491		10.0	10.0	0.3	30.0
13C2-2-Perfluorohexylethanoic acid	Ave	0.0554	0.0563		10.2	10.0	1.5	30.0
M2-6:2 FTS	Ave	0.0359	0.0318		8.43	9.50	-11.2	30.0
13C8 PFOA	Ave	1.306	1.256		9.62	10.0	-3.8	30.0
13C8 PFOS	Ave	1.042	1.006		9.23	9.56	-3.5	30.0
13C9 PFNA	Ave	1.297	1.261		9.72	10.0	-2.8	30.0
13C2-2H-Perfluoro-2-decenoic acid	Ave	0.8866	0.8353		9.42	10.0	-5.8	30.0
13C2-2-Perfluorooctylethanoic acid	Ave	0.0366	0.0390		10.7	10.0	6.6	30.0
13C6 PFDA	Ave	0.9673	0.9516		9.84	10.0	-1.6	30.0
M2-8:2 FTS	Ave	0.0201	0.0186		8.86	9.58	-7.5	30.0
13C8 FOSA	Ave	0.8594	0.8661		10.1	10.0	0.8	30.0
d3-NMeFOSAA	Ave	0.2811	0.2764		9.83	10.0	-1.7	30.0
13C7 PFUnA	Ave	1.296	1.244		9.60	10.0	-4.0	30.0
d5-NEtFOSAA	Ave	0.2411	0.2414		10.0	10.0	0.1	30.0
13C2-2H-Perfluoro-2-dodecenoic acid	Ave	0.9584	0.9540		9.95	10.0	-0.5	30.0
13C2-2-Perfluorodecylethanoic acid	Ave	0.0293	0.0303		10.3	10.0	3.4	30.0
13C2-PFDoDA	Ave	1.042	1.013		9.72	10.0	-2.8	30.0
d7-N-MeFOSE-M	Ave	0.1598	0.1633		10.2	10.0	2.2	30.0
d3-NMePFOSA	Ave	0.1015	0.0988		9.73	10.0	-2.7	30.0
d9-N-EtFOSE-M	Ave	0.1813	0.1753		9.67	10.0	-3.3	30.0
d5-NEtPFOSA	Ave	0.0982	0.0958		9.76	10.0	-2.4	30.0
13C2 PFTeDA	Ave	0.5917	0.5525		9.34	10.0	-6.6	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/105 Calibration Date: 08/02/2022 04:36
 Instrument ID: 30730 Calib Start Date: 07/28/2022 10:36
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/28/2022 12:04
 Lab File ID: 22AUG01-95.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
MTP	AveID	0.1239			0.130	2.00		

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/105 Calibration Date: 08/02/2022 04:36
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22AUG01-95.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PPF Acid	AveID	0.5503	0.5718		2.08	2.00	3.9	30.0
PFMOAA	AveID	0.4692	0.4657		1.98	2.00	-0.8	30.0
Perfluorobutanoic acid	AveID	0.9668	1.083		2.24	2.00	12.0	30.0
R-EVE	AveID	0.2891	0.2798		1.94	2.00	-3.2	30.0
R-PSDA	AveID	0.0616	0.0574		1.86	2.00	-6.8	30.0
Hydrolyzed PSDA	AveID	0.3997	0.3672		1.84	2.00	-8.1	30.0
PMPA	AveID	0.3879	0.3894		2.01	2.00	0.4	30.0
Perfluoropropanesulfonic acid	AveID	0.2829	0.2924		1.89	1.83	3.4	30.0
NVHOS	AveID	0.2890	0.3073		2.13	2.00	6.3	30.0
PFECA F	AveID	0.9649	1.124		2.33	2.00	16.5	30.0
PFO2HxA	AveID	0.1766	0.1742		1.97	2.00	-1.3	30.0
3:3 FTCA	AveID	0.0439	0.0441		2.01	2.00	0.5	30.0
Perfluoropentanoic acid	AveID	0.9731	1.044		2.15	2.00	7.3	30.0
Perfluorobutanesulfonic acid	AveID	1.032	1.127		1.93	1.77	9.3	30.0
PEPA	AveID	0.1262	0.1411		2.24	2.00	11.8	30.0
PFECA A	AveID	0.7845	0.8554		2.18	2.00	9.0	30.0
Perfluoro (2-ethoxyethane) sulfonic acid	AveID	3.022	3.361		1.98	1.78	11.2	30.0
PFECA B	AveID	0.7867	0.8451		2.15	2.00	7.4	30.0
4:2 Fluorotelomer sulfonic acid	AveID	2.682	2.953		2.06	1.87	10.1	30.0
Perfluorohexanoic acid	AveID	0.7961	0.8497		2.13	2.00	6.7	30.0
Perfluoropentanesulfonic acid	AveID	0.8710	0.9119		1.96	1.88	4.7	30.0
PFO3OA	AveID	0.1693	0.1916		2.26	2.00	13.2	30.0
HFPODA	AveID	4.358	5.079		2.33	2.00	16.5	30.0
Hydro-EVE Acid	AveID	1.937	1.943		2.01	2.00	0.3	30.0
R-PSDCA	AveID	2.856	2.872		2.01	2.00	0.6	30.0
Perfluoroheptanoic acid	AveID	0.9871	1.081		2.19	2.00	9.5	30.0
Perfluorohexanesulfonic acid	AveID	1.077	1.135		1.92	1.82	5.4	30.0
Hydro-PS Acid	AveID	1.529	1.579		2.07	2.00	3.3	30.0
DONA	AveID	1.255	1.272		1.91	1.89	1.3	30.0
PFO4DA	AveID	1.378	1.490		2.16	2.00	8.1	30.0
PFECA G	AveID	2.718	2.777		2.04	2.00	2.2	30.0
5:3 FTCA	AveID	0.1679	0.1884		2.24	2.00	12.2	30.0
6:2 FTUCA	AveID	1.391	1.476		2.12	2.00	6.2	30.0
6:2 FTCA	AveID	1.144	1.192		2.08	2.00	4.2	30.0
PS Acid	AveID	0.5884	0.6248		2.12	2.00	6.2	30.0
EVE Acid	AveID	2.365	2.525		2.13	2.00	6.7	30.0
Perfluoro-4-ethylcyclohexane sulfonic acid	AveID	1.686	1.710		1.87	1.84	1.4	30.0
6:2 Fluorotelomer sulfonic acid	AveID	4.736	5.203		2.08	1.90	9.9	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1

SDG No.: _____

Lab Sample ID: CCV 410-281284/105 Calibration Date: 08/02/2022 04:36

Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24

GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30

Lab File ID: 22AUG01-95.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluoroheptanesulfonic acid	AveID	0.9104	0.9632		2.01	1.90	5.8	30.0
Perfluorooctanoic acid	AveID	0.7406	0.7623		2.06	2.00	2.9	30.0
TAF	AveID	0.1129	0.1048		1.86	2.00	-7.2	30.0
Perfluorooctanesulfonic acid	AveID	1.041	1.144		2.04	1.85	10.0	30.0
Perfluorononanoic acid	AveID	0.9619	1.050		2.18	2.00	9.1	30.0
7:3 FTCA	AveID	3.457	3.691		2.14	2.00	6.8	30.0
8:2 FTUCA	AveID	0.9876	1.038		2.10	2.00	5.1	30.0
8:2 FTCA	AveID	0.9670	1.073		2.22	2.00	11.0	30.0
9Cl-PF3ONS	AveID	1.917	2.162		2.10	1.86	12.8	30.0
Perfluorononanesulfonic acid	AveID	1.155	1.304		2.17	1.92	12.9	30.0
8:2 Fluorotelomer sulfonic acid	AveID	7.306	8.106		2.13	1.92	11.0	30.0
Perfluorodecanoic acid	AveID	0.7926	0.8649		2.18	2.00	9.1	30.0
Perfluorooctanesulfonamide	AveID	1.025	1.105		2.16	2.00	7.8	30.0
NMeFOSAA	AveID	0.8934	0.9531		2.13	2.00	6.7	30.0
Perfluorodecanesulfonic acid	AveID	1.111	1.145		1.99	1.93	3.1	30.0
Perfluoroundecanoic acid	AveID	0.7484	0.8185		2.19	2.00	9.4	30.0
NETFOSAA	AveID	0.8574	0.8929		2.08	2.00	4.1	30.0
10:2 FTUCA	AveID	0.8978	0.9609		2.14	2.00	7.0	30.0
10:2 FTCA	AveID	0.8379	0.8981		2.14	2.00	7.2	30.0
11Cl-PF3OUdS	AveID	1.335	1.453		2.02	1.86	8.9	30.0
Perfluorododecanoic acid	AveID	0.9889	1.131		2.29	2.00	14.4	30.0
10:2 FTS	AveID	7.835	7.848		1.93	1.93	0.2	30.0
NMeFOSE	AveID	1.051	1.094		2.08	2.00	4.1	30.0
NMeFOSA	AveID	0.9152	0.9484		2.07	2.00	3.6	30.0
Perfluorododecanesulfonic acid	AveID	0.7004	0.7168		1.98	1.94	2.3	30.0
NETFOSE	AveID	1.086	1.188		2.19	2.00	9.4	30.0
Perfluorotridecanoic acid	AveID	0.8064	0.8878		2.20	2.00	10.1	30.0
NETFOSA	AveID	1.020	1.090		2.14	2.00	6.8	30.0
Perfluorotetradecanoic acid	AveID	0.9807	1.061		2.16	2.00	8.2	30.0
Perfluorohexadecanoic acid	AveID	0.4028	0.4488		2.23	2.00	11.4	30.0
Perfluorooctadecanoic acid	AveID	0.2159	0.2558		2.37	2.00	18.5	30.0
13C4 PFBA	Ave	1.104	1.076		9.74	10.0	-2.6	30.0
13C5 PFPeA	Ave	1.269	1.295		10.2	10.0	2.1	30.0
13C3 PFBS	Ave	1.259	1.179		8.70	9.30	-6.4	30.0
M2-4:2 FTS	Ave	0.1438	0.1350		8.77	9.34	-6.1	30.0
13C5 PFHxA	Ave	1.151	1.166		10.1	10.0	1.3	30.0
13C3 HFPO-DA	Ave	0.0282	0.0268		9.48	10.0	-5.2	30.0
13C3 PFHxS	Ave	0.7062	0.7102		9.51	9.46	0.6	30.0
13C4 PFHpA	Ave	1.301	1.406		10.8	10.0	8.0	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1
 SDG No.: _____
 Lab Sample ID: CCV 410-281284/105 Calibration Date: 08/02/2022 04:36
 Instrument ID: 30730 Calib Start Date: 07/31/2022 15:24
 GC Column: Gemini C18 50mm ID: 3.00 (mm) Calib End Date: 07/31/2022 16:30
 Lab File ID: 22AUG01-95.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C2-2H-Perfluoro-2-octenoic acid	Ave	0.8468	0.9006		10.6	10.0	6.4	30.0
13C2-2-Perfluorohexylethanoic acid	Ave	0.0554	0.0614		11.1	10.0	10.7	30.0
M2-6:2 FTS	Ave	0.0359	0.0378		10.0	9.50	5.3	30.0
13C8 PFOA	Ave	1.306	1.328		10.2	10.0	1.7	30.0
13C8 PFOS	Ave	1.042	1.012		9.29	9.56	-2.9	30.0
13C9 PFNA	Ave	1.297	1.274		9.82	10.0	-1.8	30.0
13C2-2H-Perfluoro-2-decenoic acid	Ave	0.8866	0.9072		10.2	10.0	2.3	30.0
13C2-2-Perfluorooctylethanoic acid	Ave	0.0366	0.0394		10.8	10.0	7.5	30.0
13C6 PFDA	Ave	0.9673	0.9587		9.91	10.0	-0.9	30.0
M2-8:2 FTS	Ave	0.0201	0.0208		9.95	9.58	3.9	30.0
13C8 FOSA	Ave	0.8594	0.8356		9.72	10.0	-2.8	30.0
d3-NMeFOSAA	Ave	0.2811	0.2534		9.02	10.0	-9.8	30.0
13C7 PFUnA	Ave	1.296	1.267		9.78	10.0	-2.2	30.0
d5-NEtFOSAA	Ave	0.2411	0.2411		10.0	10.0	-0.0	30.0
13C2-2H-Perfluoro-2-dodecenoic acid	Ave	0.9584	0.9528		9.94	10.0	-0.6	30.0
13C2-2-Perfluorodecylethanoic acid	Ave	0.0293	0.0315		10.7	10.0	7.3	30.0
13C2-PFDoDA	Ave	1.042	0.9378		9.00	10.0	-10.0	30.0
d7-N-MeFOSE-M	Ave	0.1598	0.1621		10.1	10.0	1.5	30.0
d3-NMePFOSA	Ave	0.1015	0.0948		9.35	10.0	-6.5	30.0
d9-N-EtFOSE-M	Ave	0.1813	0.1759		9.70	10.0	-3.0	30.0
d5-NEtPFOSA	Ave	0.0982	0.0908		9.25	10.0	-7.5	30.0
13C2 PFTeDA	Ave	0.5917	0.5165		8.73	10.0	-12.7	30.0

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-279843/1-A

Matrix: Water Lab File ID: 22AUG01-81.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:01

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.50	U	2.0	0.50
375-85-9	Perfluoroheptanoic acid	0.50	U	2.0	0.50
335-67-1	Perfluorooctanoic acid	0.50	U	2.0	0.50
375-95-1	Perfluorononanoic acid	0.50	U	2.0	0.50
335-76-2	Perfluorodecanoic acid	0.50	U	2.0	0.50
72629-94-8	Perfluorotridecanoic acid	0.50	U	2.0	0.50
376-06-7	Perfluorotetradecanoic acid	0.50	U	2.0	0.50
375-73-5	Perfluorobutanesulfonic acid	0.50	U	2.0	0.50
355-46-4	Perfluorohexanesulfonic acid	0.50	U	2.0	0.50
1763-23-1	Perfluorooctanesulfonic acid	0.50	U	2.0	0.50
2991-50-6	NEtFOSAA	0.50	U	3.0	0.50
2355-31-9	NMeFOSAA	0.60	U	2.0	0.60
307-55-1	Perfluorododecanoic acid	0.50	U	2.0	0.50
13252-13-6	HFPODA	1.0	U	3.0	1.0
756426-58-1	9Cl-PF3ONS	0.50	U	2.0	0.50
763051-92-9	11Cl-PF3OUdS	0.50	U	2.0	0.50
919005-14-4	DONA	0.50	U	2.0	0.50
2058-94-8	Perfluoroundecanoic acid	0.50	U	2.0	0.50

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-279843/1-A

Matrix: Water Lab File ID: 22AUG01-81.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:01

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02577	13C5 PFHxA	104		24-179
STL01892	13C4 PFHpA	112		31-182
STL01052	13C8 PFOA	105		48-162
STL02578	13C9 PFNA	103		51-167
STL02579	13C6 PFDA	106		49-163
STL02703	13C2-PFD _o DA	100		17-176
STL02116	13C2 PFTeDA	87		10-179
STL02337	13C3 PFBS	99		16-200
STL02581	13C3 PFHxS	104		28-188
STL01054	13C8 PFOS	103		51-159
STL02118	d3-NMeFOSAA	94		31-174
STL02117	d5-NEtFOSAA	96		29-195
STL02255	13C3 HFPO-DA	107		17-185
STL02580	13C7 PFUnA	105		34-174

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: ICB 410-280978/8

Matrix: Water Lab File ID: 22JUL31MCAL-29.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 0 (mL) Date Analyzed: 07/31/2022 16:41

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 280978 Units: ng/mL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	0.13	U	0.50	0.13
375-85-9	Perfluoroheptanoic acid	0.13	U	0.50	0.13
335-67-1	Perfluorooctanoic acid	0.13	U	0.50	0.13
375-95-1	Perfluorononanoic acid	0.13	U	0.50	0.13
335-76-2	Perfluorodecanoic acid	0.13	U	0.50	0.13
72629-94-8	Perfluorotridecanoic acid	0.13	U	0.50	0.13
376-06-7	Perfluorotetradecanoic acid	0.13	U	0.50	0.13
375-73-5	Perfluorobutanesulfonic acid	0.13	U	0.50	0.13
355-46-4	Perfluorohexanesulfonic acid	0.13	U	0.50	0.13
1763-23-1	Perfluorooctanesulfonic acid	0.13	U	0.50	0.13
2991-50-6	NEtFOSAA	0.13	U	1.3	0.13
2355-31-9	NMeFOSAA	0.15	U	0.50	0.15
307-55-1	Perfluorododecanoic acid	0.13	U	0.50	0.13
13252-13-6	HFPODA	0.13	U	0.75	0.13
756426-58-1	9Cl-PF3ONS	0.13	U	0.50	0.13
763051-92-9	11Cl-PF3OUdS	0.13	U	0.50	0.13
919005-14-4	DONA	0.13	U	0.50	0.13
2058-94-8	Perfluoroundecanoic acid	0.13	U	0.50	0.13

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: ICB 410-280978/8

Matrix: Water Lab File ID: 22JUL31MCAL-29.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 0 (mL) Date Analyzed: 07/31/2022 16:41

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 280978 Units: ng/mL

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02577	13C5 PFHxA	104		24-179
STL01892	13C4 PFHpA	106		31-182
STL01052	13C8 PFOA	106		48-162
STL02578	13C9 PFNA	103		51-167
STL02579	13C6 PFDA	104		49-163
STL02703	13C2-PFDoDA	101		17-176
STL02116	13C2 PFTeDA	95		10-179
STL02337	13C3 PFBS	107		16-200
STL02581	13C3 PFHxS	105		28-188
STL01054	13C8 PFOS	104		51-159
STL02118	d3-NMeFOSAA	98		31-174
STL02117	d5-NEtFOSAA	98		29-195
STL02255	13C3 HFPO-DA	113		17-185
STL02580	13C7 PFUnA	111		34-174

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-279843/3-A

Matrix: Water Lab File ID: 22AUG01-83.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:23

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	24.2		2.0	0.50
375-85-9	Perfluoroheptanoic acid	25.6		2.0	0.50
335-67-1	Perfluorooctanoic acid	24.2		2.0	0.50
375-95-1	Perfluorononanoic acid	24.4		2.0	0.50
335-76-2	Perfluorodecanoic acid	24.0		2.0	0.50
72629-94-8	Perfluorotridecanoic acid	24.5		2.0	0.50
376-06-7	Perfluorotetradecanoic acid	24.9		2.0	0.50
375-73-5	Perfluorobutanesulfonic acid	23.2		2.0	0.50
355-46-4	Perfluorohexanesulfonic acid	21.8		2.0	0.50
1763-23-1	Perfluorooctanesulfonic acid	22.5		2.0	0.50
2991-50-6	NEtFOSAA	25.9		3.0	0.50
2355-31-9	NMeFOSAA	23.8		2.0	0.60
307-55-1	Perfluorododecanoic acid	24.3		2.0	0.50
13252-13-6	HFPODA	25.8		3.0	1.0
756426-58-1	9Cl-PF3ONS	22.6		2.0	0.50
763051-92-9	11Cl-PF3OUdS	21.5		2.0	0.50
919005-14-4	DONA	23.0		2.0	0.50
2058-94-8	Perfluoroundecanoic acid	24.3		2.0	0.50

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-279843/3-A

Matrix: Water Lab File ID: 22AUG01-83.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:23

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02577	13C5 PFHxA	108		24-179
STL01892	13C4 PFHpA	107		31-182
STL01052	13C8 PFOA	107		48-162
STL02578	13C9 PFNA	106		51-167
STL02579	13C6 PFDA	107		49-163
STL02703	13C2-PFDoDA	98		17-176
STL02116	13C2 PFTeDA	92		10-179
STL02337	13C3 PFBS	98		16-200
STL02581	13C3 PFHxS	104		28-188
STL01054	13C8 PFOS	104		51-159
STL02118	d3-NMeFOSAA	94		31-174
STL02117	d5-NEtFOSAA	91		29-195
STL02255	13C3 HFPO-DA	99		17-185
STL02580	13C7 PFUnA	103		34-174

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-279843/4-A

Matrix: Water Lab File ID: 22AUG01-84.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:34

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
307-24-4	Perfluorohexanoic acid	24.2		2.0	0.50
375-85-9	Perfluoroheptanoic acid	24.7		2.0	0.50
335-67-1	Perfluorooctanoic acid	23.8		2.0	0.50
375-95-1	Perfluorononanoic acid	24.8		2.0	0.50
335-76-2	Perfluorodecanoic acid	24.8		2.0	0.50
72629-94-8	Perfluorotridecanoic acid	23.8		2.0	0.50
376-06-7	Perfluorotetradecanoic acid	24.4		2.0	0.50
375-73-5	Perfluorobutanesulfonic acid	21.9		2.0	0.50
355-46-4	Perfluorohexanesulfonic acid	21.9		2.0	0.50
1763-23-1	Perfluorooctanesulfonic acid	23.0		2.0	0.50
2991-50-6	NEtFOSAA	25.5		3.0	0.50
2355-31-9	NMeFOSAA	25.5		2.0	0.60
307-55-1	Perfluorododecanoic acid	23.8		2.0	0.50
13252-13-6	HFPODA	24.7		3.0	1.0
756426-58-1	9Cl-PF3ONS	23.5		2.0	0.50
763051-92-9	11Cl-PF3OUdS	23.3		2.0	0.50
919005-14-4	DONA	22.1		2.0	0.50
2058-94-8	Perfluoroundecanoic acid	24.5		2.0	0.50

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 240-170019-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-279843/4-A

Matrix: Water Lab File ID: 22AUG01-84.d

Analysis Method: 537 IDA Date Collected: _____

Extraction Method: 537 IDA Date Extracted: 07/27/2022 07:13

Sample wt/vol: 250 (mL) Date Analyzed: 08/02/2022 02:34

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 3 (uL) GC Column: Gemini C18 50mm ID: 3 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 281284 Units: ng/L

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL02577	13C5 PFHxA	107		24-179
STL01892	13C4 PFHpA	109		31-182
STL01052	13C8 PFOA	106		48-162
STL02578	13C9 PFNA	105		51-167
STL02579	13C6 PFDA	109		49-163
STL02703	13C2-PFDoDA	102		17-176
STL02116	13C2 PFTeDA	90		10-179
STL02337	13C3 PFBS	103		16-200
STL02581	13C3 PFHxS	106		28-188
STL01054	13C8 PFOS	104		51-159
STL02118	d3-NMeFOSAA	97		31-174
STL02117	d5-NEtFOSAA	98		29-195
STL02255	13C3 HFPO-DA	112		17-185
STL02580	13C7 PFUnA	108		34-174

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Start Date: 07/31/2022 15:24

Analysis Batch Number: 280978 End Date: 07/31/2022 17:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 410-280978/1		07/31/2022 15:24	1	22JUL31MCAL-22. d	Gemini C18 50mm 3 (mm)
IC 410-280978/2		07/31/2022 15:35	1	22JUL31MCAL-23. d	Gemini C18 50mm 3 (mm)
IC 410-280978/3		07/31/2022 15:46	1	22JUL31MCAL-24. d	Gemini C18 50mm 3 (mm)
IC 410-280978/4		07/31/2022 15:57	1	22JUL31MCAL-25. d	Gemini C18 50mm 3 (mm)
ICISAV 410-280978/5		07/31/2022 16:08	1	22JUL31MCAL-26. d	Gemini C18 50mm 3 (mm)
IC 410-280978/6		07/31/2022 16:19	1	22JUL31MCAL-27. d	Gemini C18 50mm 3 (mm)
IC 410-280978/7		07/31/2022 16:30	1	22JUL31MCAL-28. d	Gemini C18 50mm 3 (mm)
ICB 410-280978/8		07/31/2022 16:41	1	22JUL31MCAL-29. d	Gemini C18 50mm 3 (mm)
ICV 410-280978/9		07/31/2022 16:52	1	22JUL31MCAL-30. d	Gemini C18 50mm 3 (mm)
WDM 410-280978/10		07/31/2022 17:03	1	22JUL31MCAL-31. d	Gemini C18 50mm 3 (mm)

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Start Date: 08/01/2022 12:28

Analysis Batch Number: 281284 End Date: 08/02/2022 06:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 410-281284/8		08/01/2022 12:28	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/20		08/01/2022 14:41	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/21		08/01/2022 14:52	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 15:03	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 15:14	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 15:25	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 15:47	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 15:59	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 16:10	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 16:21	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 16:32	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/22		08/01/2022 16:47	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/106		08/01/2022 17:54	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 18:05	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 18:16	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 18:27	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 18:38	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 18:49	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 19:00	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 19:11	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 19:22	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 19:33	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 19:44	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/23		08/01/2022 19:56	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 20:07	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 20:18	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 20:29	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 20:40	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 20:51	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 21:02	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/01/2022 21:13	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/24		08/01/2022 21:35	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/80		08/02/2022 01:50	1	22AUG01-80.d	Gemini C18 50mm 3 (mm)
MB 410-279843/1-A		08/02/2022 02:01	1	22AUG01-81.d	Gemini C18 50mm 3 (mm)
LCS 410-279843/3-A		08/02/2022 02:23	1	22AUG01-83.d	Gemini C18 50mm 3 (mm)
LCSD 410-279843/4-A		08/02/2022 02:34	1	22AUG01-84.d	Gemini C18 50mm 3 (mm)
240-170019-2	WC-GSP-W-071822	08/02/2022 02:46	1	22AUG01-85.d	Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 02:57	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 03:08	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 03:30	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/105		08/02/2022 04:36	1	22AUG01-95.d	Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 04:47	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 04:59	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 05:10	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 05:21	1		Gemini C18 50mm 3 (mm)

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Envi Job No.: 240-170019-1

SDG No.: _____

Instrument ID: 30730 Start Date: 08/01/2022 12:28

Analysis Batch Number: 281284 End Date: 08/02/2022 06:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/02/2022 05:43	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 05:54	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 06:05	1		Gemini C18 50mm 3 (mm)
ZZZZZ		08/02/2022 06:16	1		Gemini C18 50mm 3 (mm)
CCV 410-281284/25		08/02/2022 06:38	1		Gemini C18 50mm 3 (mm)

PFAS BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 240-170019-1

SDG No.: _____

Batch Number: 279843 Batch Start Date: 07/27/22 07:13 Batch Analyst: Cray, Pamela

Batch Method: 537 IDA Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	PFC_MS_MODWX 00140	PFC_SS_MODX 00288
MB 410-279843/1		537 IDA, 537 IDA		300 g	50 g	250 mL	1 mL		25 uL
LCS 410-279843/3		537 IDA, 537 IDA		300 g	50 g	250 mL	1 mL	40 uL	25 uL
LCS 410-279843/4		537 IDA, 537 IDA		300 g	50 g	250 mL	1 mL	40 uL	25 uL
240-170019-I-2	WC-GSP-W-071822	537 IDA, 537 IDA	T	292.19 g	28.80 g	263.4 mL	1 mL		25 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
MB 410-279843/1		537 IDA, 537 IDA							
LCS 410-279843/3		537 IDA, 537 IDA							
LCS 410-279843/4		537 IDA, 537 IDA							
240-170019-I-2	WC-GSP-W-071822	537 IDA, 537 IDA	T	particulate, vacuum applied					

Batch Notes	
Manifold ID	1, 11
SPE Cartridge Lot ID	6679410-01
Balance ID	B629764122
Pipette/Syringe/Dispenser ID	PFAS 6,7, P10-4
Methanol ID	220066
H2O ID	House A372
Solvent Name	.3% NH4OH in MeOH, 1:1 ACN:MeOH
Solvent Lot #	4422107272233A, 1984307272233A
Analyst ID - Reagent Drop	PC 44221
Analyst ID - IS Reagent Drop Witness	JC 40822
Collection Tube Witness	MC 45477
Centrifuge Tube ID	20210406-058
QC Bottle Lot ID	0304101H

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PFAS BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 240-170019-1

SDG No.: _____

Batch Number: 279843 Batch Start Date: 07/27/22 07:13 Batch Analyst: Cray, Pamela

Batch Method: 537 IDA Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PFAS BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 240-170019-1

SDG No.: _____

Batch Number: 280978 Batch Start Date: 07/31/22 15:24 Batch Analyst: Whooley, Devon M

Batch Method: 537 IDA Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	PFC_ICV_MOD 00044	PFC_IS_MOD 00366	PFC_LB_MOD 00030	PFC_SS_MODX 00289	PFC_STD_XMOD1 00017	PFC_STD_XMOD2 00017
IC 410-280978/1		537 IDA						400 uL	
IC 410-280978/2		537 IDA							400 uL
IC 410-280978/3		537 IDA							
IC 410-280978/4		537 IDA							
ICISAV 410-280978/5		537 IDA							
IC 410-280978/6		537 IDA							
IC 410-280978/7		537 IDA							
ICB 410-280978/8		537 IDA			50 uL		25 uL		
ICV 410-280978/9		537 IDA		400 uL					
WDM 410-280978/10		537 IDA				400 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	PFC_STD_XMOD3 00019	PFC_STD_XMOD4 00019	PFC_STD_XMOD5 00018	PFC_STD_XMOD6 00018	PFC_STD_XMOD7 00018	
IC 410-280978/1		537 IDA							
IC 410-280978/2		537 IDA							
IC 410-280978/3		537 IDA		400 uL					
IC 410-280978/4		537 IDA			400 uL				
ICISAV 410-280978/5		537 IDA				400 uL			
IC 410-280978/6		537 IDA					400 uL		
IC 410-280978/7		537 IDA						400 uL	
ICB 410-280978/8		537 IDA							
ICV 410-280978/9		537 IDA							
WDM 410-280978/10		537 IDA							

Batch Notes	
Mobil Phase ID	1269807272233A; 1269807272233B

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PFAS BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 240-170019-1

SDG No.: _____

Batch Number: 280978 Batch Start Date: 07/31/22 15:24 Batch Analyst: Whooley, Devon M

Batch Method: 537 IDA Batch End Date: _____

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins Canton Job Number: 240-170019-1

SDG No.: _____

Project: GSP TCE Characterization

Client Sample ID	Lab Sample ID
<u>WC-GSP-W-071822</u>	<u>240-170019-2</u>
<u>WC-GSP-S-071822</u>	<u>240-170019-3</u>

Comments:

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TCLP

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG ID.: _____

Matrix: Water

Date Sampled: 07/18/2022 11:10

Reporting Basis: WET

Date Received: 07/19/2022 10:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	0.0041	0.050	0.0041	mg/L	U		1	6010C
7440-39-3	Barium	0.065	0.50	0.0013	mg/L	J	B	1	6010C
7440-43-9	Cadmium	0.00029	0.050	0.00020	mg/L	J		1	6010C
7440-47-3	Chromium	0.0040	0.050	0.0040	mg/L	U		1	6010C
7439-92-1	Lead	0.0028	0.050	0.0028	mg/L	U		1	6010C
7782-49-2	Selenium	0.0060	0.050	0.0060	mg/L	U		1	6010C
7440-22-4	Silver	0.00062	0.050	0.00062	mg/L	U		1	6010C
7439-97-6	Mercury	0.00013	0.0020	0.00013	mg/L	U		1	7470A

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TCLP

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 07/18/2022 11:00

Reporting Basis: WET

Date Received: 07/19/2022 10:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	0.0068	0.050	0.0041	mg/L	J	B	1	6010C
7440-39-3	Barium	0.11	0.50	0.0013	mg/L	J	B	1	6010C
7440-43-9	Cadmium	0.00026	0.050	0.00020	mg/L	J		1	6010C
7440-47-3	Chromium	0.023	0.050	0.0040	mg/L	J		1	6010C
7439-92-1	Lead	0.0028	0.050	0.0028	mg/L	U		1	6010C
7782-49-2	Selenium	0.0060	0.050	0.0060	mg/L	U		1	6010C
7440-22-4	Silver	0.00062	0.050	0.00062	mg/L	U		1	6010C
7439-97-6	Mercury	0.00013	0.0020	0.00013	mg/L	U		1	7470A

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

ICV Source: ICPICV_00035 Concentration Units: ug/L

CCV Source: ICPCCV_00080

Analyte	ICV 240-535859/4 07/22/2022 08:22				CCV 240-535859/121 07/22/2022 17:13				CCV 240-535859/133 07/22/2022 18:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	2080		2000	104	2050		2000	102	2030		2000	101
Barium	2020		2000	101	2080		2000	104	2050		2000	103
Cadmium	2070		2000	104	2080		2000	104	2060		2000	103
Chromium	2000		2000	100	1920		2000	96	1910		2000	96
Lead	2010		2000	100	1970		2000	99	1950		2000	98
Selenium	2060		2000	103	2030		2000	101	2010		2000	101
Silver	976		1000	98	960		1000	96	951		1000	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

ICV Source: ICPICV_00035 Concentration Units: ug/L

CCV Source: ICPCCV_00080

Analyte	CCV 240-535859/145 07/22/2022 18:58				CCV 240-535859/157 07/22/2022 19:50							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	2030		2000	102	2040		2000	102				
Barium	2050		2000	103	2060		2000	103				
Cadmium	2060		2000	103	2060		2000	103				
Chromium	1920		2000	96	1920		2000	96				
Lead	1960		2000	98	1970		2000	98				
Selenium	2020		2000	101	2020		2000	101				
Silver	953		1000	95	954		1000	95				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

ICV Source: MTTRCRIC_00107 Concentration Units: ug/L

CCV Source: MTTRCRIC_00107

Analyte	ICVL 240-535859/6 07/22/2022 08:30				CCVL 240-535859/179 07/22/2022 21:27							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	13.8		15.0	92	17.1		15.0	114				
Barium	199	J	200	99	200		200	100				
Cadmium	5.21		5.00	104	5.17		5.00	103				
Chromium	10.0		10.0	100	9.80		10.0	98				
Lead	11.1		10.0	111	8.55		10.0	85				
Selenium	19.7		20.0	99	14.8	J	20.0	74				
Silver	9.46		10.0	95	9.41		10.0	94				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

ICV Source: MTHgICV_00001_00927 Concentration Units: ug/L

CCV Source: MTHGCALW_02939

Analyte	ICV 240-535815/7-B 07/22/2022 11:55				CCV 240-535815/10-B 07/22/2022 14:22				CCV 240-535815/10-B 07/22/2022 14:47			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.99		5.00	100	4.91		5.00	98	4.84		5.00	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

ICV Source: MTHgICV_00001_00927 Concentration Units: ug/L

CCV Source: MTHGCALW_02939

Analyte	CCV 240-535815/10-B 07/22/2022 15:14				CCV 240-535815/10-B 07/22/2022 15:23							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.82		5.00	96	5.03		5.00	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Method: 7470A Instrument ID: H2
 Lab Sample ID: CRA 240-535815/9-B Concentration Units: ug/L
 CRQL Check Standard Source: MTHGCALW_02939

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.205	J	102	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-535859/5 07/22/2022 08:26		CCB 240-535859/122 07/22/2022 17:17		CCB 240-535859/134 07/22/2022 18:10		CCB 240-535859/146 07/22/2022 19:02	
		Found	C	Found	C	Found	C	Found	C
Arsenic	10	4.1	U	4.1	U	4.1	U	4.1	U
Barium	200	1.3	U	1.3	U	1.3	U	1.3	U
Cadmium	2.0	0.210	J	0.20	U	0.20	U	0.20	U
Chromium	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Lead	5.0	2.8	U	2.8	U	2.8	U	2.8	U
Selenium	15	6.0	U	6.0	U	6.0	U	6.0	U
Silver	5.0	0.62	U	0.62	U	0.62	U	0.62	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-535859/158 07/22/2022 19:54							
		Found	C	Found	C	Found	C	Found	C
Arsenic	10	4.1	U						
Barium	200	1.3	U						
Cadmium	2.0	0.239	J						
Chromium	5.0	4.0	U						
Lead	5.0	2.8	U						
Selenium	15	6.0	U						
Silver	5.0	0.62	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-535815/8-B 07/22/2022 11:57		CCB 240-535815/11-B 07/22/2022 14:24		CCB 240-535815/11-B 07/22/2022 14:49		CCB 240-535815/11-B 07/22/2022 15:16	
		Found	C	Found	C	Found	C	Found	C
Mercury	2.0	0.13	U	0.13	U	0.13	U	0.13	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-535815/11-B 07/22/2022 15:25							
		Found	C	Found	C	Found	C	Found	C
Mercury	2.0	0.13	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Concentration Units: mg/L Lab Sample ID: MB 240-535682/2-A
Instrument Code: I9 Batch No.: 535859

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	0.0041	U		6010C
7440-39-3	Barium	0.0013	U		6010C
7440-43-9	Cadmium	0.00020	U		6010C
7440-47-3	Chromium	0.0040	U		6010C
7439-92-1	Lead	0.0028	U		6010C
7782-49-2	Selenium	0.0060	U		6010C
7440-22-4	Silver	0.00062	U		6010C

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Concentration Units: mg/L Lab Sample ID: LB 240-535573/1-B
Instrument Code: I9 Batch No.: 535859

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	0.00612	J		6010C
7440-39-3	Barium	0.00421	J		6010C
7440-43-9	Cadmium	0.00020	U		6010C
7440-47-3	Chromium	0.0040	U		6010C
7439-92-1	Lead	0.0028	U		6010C
7782-49-2	Selenium	0.0060	U		6010C
7440-22-4	Silver	0.00062	U		6010C

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Concentration Units: mg/L Lab Sample ID: MB 240-535684/2-A
Instrument Code: H2 Batch No.: 535898

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.00013	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Concentration Units: mg/L Lab Sample ID: LB 240-535573/1-C
Instrument Code: H2 Batch No.: 535898

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.00013	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.: _____

Lab Sample ID: ICSA 240-535859/8

Instrument ID: I9

Lab File ID: I9072222A.asc

ICS Source: MTRICSAW_00059

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		6.87	
Barium		12.9	
Cadmium		0.993	
Chromium		2.75	
Lead		1.97	
Selenium		-2.67	
Silver		0.524	
<i>Aluminum</i>	<i>500000</i>	<i>491880</i>	<i>98</i>
<i>Antimony</i>		<i>0.0942</i>	
<i>Beryllium</i>		<i>-0.464</i>	
<i>Boron</i>		<i>-9.83</i>	
<i>Calcium</i>	<i>500000</i>	<i>458670</i>	<i>92</i>
<i>Cobalt</i>		<i>-0.430</i>	
<i>Copper</i>		<i>0.762</i>	
<i>Iron</i>	<i>200000</i>	<i>183730</i>	<i>92</i>
<i>Lithium</i>		<i>11.7</i>	
<i>Magnesium</i>	<i>500000</i>	<i>485830</i>	<i>97</i>
<i>Manganese</i>		<i>2.53</i>	
<i>Molybdenum</i>		<i>-1.27</i>	
<i>Nickel</i>		<i>2.47</i>	
<i>Potassium</i>		<i>70.8</i>	
<i>Silicon</i>		<i>-6.74</i>	
<i>Sodium</i>		<i>221</i>	
<i>Strontium</i>		<i>25.0</i>	
<i>Thallium</i>		<i>-3.35</i>	
<i>Tin</i>		<i>22.7</i>	
<i>Titanium</i>		<i>-0.655</i>	
<i>Vanadium</i>		<i>-3.96</i>	
<i>Zinc</i>		<i>-2.75</i>	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.: _____

Lab Sample ID: ICSAB 240-535859/9

Instrument ID: I9

Lab File ID: I9072222A.asc

ICS Source: ICPICSAB_00015

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Arsenic	1000	1059	106
Barium	1000	1042	104
Cadmium	1000	1071	107
Chromium	1000	941	94
Lead	1000	904	90
Selenium	1000	1033	103
Silver	1000	1021	102
<i>Aluminum</i>	<i>500000</i>	<i>503680</i>	<i>101</i>
<i>Antimony</i>	<i>1000</i>	<i>1113</i>	<i>111</i>
<i>Beryllium</i>	<i>500</i>	<i>508</i>	<i>102</i>
<i>Boron</i>	<i>10000</i>	<i>9849</i>	<i>98</i>
<i>Calcium</i>	<i>500000</i>	<i>463430</i>	<i>93</i>
<i>Cobalt</i>	<i>1000</i>	<i>1015</i>	<i>102</i>
<i>Copper</i>	<i>1000</i>	<i>1038</i>	<i>104</i>
<i>Iron</i>	<i>200000</i>	<i>186800</i>	<i>93</i>
<i>Lithium</i>	<i>500</i>	<i>556</i>	<i>111</i>
<i>Magnesium</i>	<i>500000</i>	<i>493710</i>	<i>99</i>
<i>Manganese</i>	<i>1000</i>	<i>974</i>	<i>97</i>
<i>Molybdenum</i>	<i>1000</i>	<i>987</i>	<i>99</i>
<i>Nickel</i>	<i>1000</i>	<i>1011</i>	<i>101</i>
<i>Potassium</i>	<i>10000</i>	<i>10519</i>	<i>105</i>
<i>Silicon</i>	<i>10000</i>	<i>10233</i>	<i>102</i>
<i>Sodium</i>	<i>10000</i>	<i>10569</i>	<i>106</i>
<i>Strontium</i>	<i>1000</i>	<i>996</i>	<i>100</i>
<i>Thallium</i>	<i>1000</i>	<i>984</i>	<i>98</i>
<i>Tin</i>	<i>1000</i>	<i>1072</i>	<i>107</i>
<i>Titanium</i>	<i>1000</i>	<i>1011</i>	<i>101</i>
<i>Vanadium</i>	<i>1000</i>	<i>987</i>	<i>99</i>
<i>Zinc</i>	<i>1000</i>	<i>976</i>	<i>98</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-535682/3-A

Lab Name: Eurofins Canton

Job No.: 240-170019-1

Sample Matrix: Water

LCS Source: SPIKE1_00015

Analyte	Water (mg/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	2.00	2.06		103	50	150		6010C
Barium	2.00	1.93		96	50	150		6010C
Cadmium	1.00	1.01		101	50	150		6010C
Chromium	1.00	0.892		89	50	150		6010C
Lead	1.00	0.878		88	50	150		6010C
Selenium	2.00	2.08		104	50	150		6010C
Silver	0.100	0.0943		94	50	150		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-535684/3-A

Lab Name: Eurofins Canton

Job No.: 240-170019-1

Sample Matrix: Water

LCS Source: MTHGCALW_02938

Analyte	Water (mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00500	0.00503		101	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Solid

Instrument ID: I9

Method: 6010C

MDL Date: 06/07/2021 10:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Arsenic	189.042	0.05	0.004051
Barium	493.409	0.5	0.001328
Cadmium	226.502	0.05	0.000203
Chromium	267.716	0.05	0.00404
Lead	220.353	0.05	0.002765
Selenium	196.026	0.05	0.00596
Silver	328.068	0.05	0.000623

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Solid Instrument ID: I9
Method: 6010C XMDL Date: 06/07/2021 10:53

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Arsenic	189.042	10	0.004051
Barium	493.409	200	0.001328
Cadmium	226.502	2	0.000203
Chromium	267.716	5	0.00404
Lead	220.353	5	0.002765
Selenium	196.026	15	0.00596
Silver	328.068	5	0.000623

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Water

Instrument ID: I9

Method: 6010C

MDL Date: 06/07/2021 10:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Arsenic	189.042	0.05	0.004051
Barium	493.409	0.5	0.001328
Cadmium	226.502	0.05	0.000203
Chromium	267.716	0.05	0.00404
Lead	220.353	0.05	0.002765
Selenium	196.026	0.05	0.00596
Silver	328.068	0.05	0.000623

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Water

Instrument ID: I9

Method: 6010C

XMDL Date: 06/07/2021 10:53

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Arsenic	189.042	10	0.004051
Barium	493.409	200	0.001328
Cadmium	226.502	2	0.000203
Chromium	267.716	5	0.00404
Lead	220.353	5	0.002765
Selenium	196.026	15	0.00596
Silver	328.068	5	0.000623

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Solid Instrument ID: H2
Method: 7470A MDL Date: 02/22/2017 15:32
Prep Method: 7470A
Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury	253.7	0.002	0.00013

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Solid Instrument ID: H2
Method: 7470A XMDL Date: 02/22/2017 15:32

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Mercury	253.7	2	0.00013

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Water Instrument ID: H2
Method: 7470A MDL Date: 02/22/2017 15:32
Prep Method: 7470A
Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury	253.7	0.002	0.00013

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Water Instrument ID: H2
Method: 7470A XMDL Date: 02/22/2017 15:32

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Mercury	253.7	2	0.00013

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins Canton Job Number: 240-170019-1

SDG No.: _____

ICP-AES Instrument ID: I9 Date: 04/21/2022

Analyte	Wave Length	Al	As	Ca	Co	Cr	Cu	Fe	Mn	Mo	Ni	Si	Ti	Tl	V
Aluminum										0.013088					0.039686
Antimony		-0.000115			-0.000443			-0.00001							0.002360
Arsenic		0.000036			-0.000591	0.000707			-0.000355	0.001144					
Beryllium															0.000443
Cadmium			0.015020					-0.000001							
Chromium															
Cobalt													0.001994		
Copper				0.000018	0.000046			-0.00003					-0.000930		
Lead		-0.000135					0.000340	0.000045			0.000260	0.000093			
Nickel					0.000799			0.000063							
Selenium		-0.000057							0.000394						
Thallium		0.000032			0.004922			0.000007	0.001101				-0.000711		-0.001446
Vanadium								0.000033							
Zinc							-0.000286								

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Canton

Job No: 240-170019-1

SDG No.: _____

Instrument ID: I9

Date: 04/22/2022 13:43

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		5000	6010C
Barium		25000	6010C
Cadmium		4000	6010C
Chromium		20000	6010C
Lead		30000	6010C
Selenium		10000	6010C
Silver		2000	6010C

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Canton

Job No: 240-170019-1

SDG No.: _____

Instrument ID: H2

Date: 05/15/2016 09:06

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7470A

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-535573/1-B	07/21/2022 12:00	535682		50	50
MB 240-535682/2-A	07/21/2022 12:00	535682		50	50
LCS 240-535682/3-A	07/21/2022 12:00	535682		50	50
240-170019-2	07/21/2022 12:00	535682		50	50
240-170019-3	07/21/2022 12:00	535682		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-535573/1-C	07/21/2022 12:00	535684		50	50
MB 240-535684/2-A	07/21/2022 12:00	535684		50	50
LCS 240-535684/3-A	07/21/2022 12:00	535684		50	50
240-170019-2	07/21/2022 12:00	535684		50	50
240-170019-3	07/21/2022 12:00	535684		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: I9 Analysis Method: 6010C

Start Date: 07/22/2022 08:09 End Date: 07/22/2022 22:27

Lab Sample Id	D/F	Type	Time	Analytes															
				A	A	B	C	C	P	S									
ICIS 240-535859/1	1		08:09	X	X	X	X	X	X	X									
CALSTD 240-535859/2 IC			08:13	X	X	X	X	X	X	X									
CALSTD 240-535859/3 IC			08:18	X	X	X	X	X	X	X									
ICV 240-535859/4	1		08:22	X	X	X	X	X	X	X									
ICB 240-535859/5	1		08:26	X	X	X	X	X	X	X									
ICVL 240-535859/6	1		08:30	X	X	X	X	X	X	X									
ZZZZZZ			08:35																
ICSA 240-535859/8	1		08:39	X	X	X	X	X	X	X									
ICSAB 240-535859/9	1		08:44	X	X	X	X	X	X	X									
CCV 240-535859/10			08:48																
CCB 240-535859/11			08:52																
ZZZZZZ			08:56																
ZZZZZZ			09:01																
ZZZZZZ			09:05																
ZZZZZZ			09:09																
ZZZZZZ			09:14																
ZZZZZZ			09:18																
ZZZZZZ			09:23																
CCV 240-535859/19			09:27																
CCB 240-535859/20			09:31																
ZZZZZZ			09:38																
ZZZZZZ			09:42																
ZZZZZZ			09:46																
ZZZZZZ			09:51																
ZZZZZZ			09:55																
ZZZZZZ			09:59																
ZZZZZZ			10:04																
HIGHSTD 240-535859/28 IC			10:08	X	X	X	X	X	X	X									
ZZZZZZ			10:13																
ZZZZZZ			10:17																
CCV 240-535859/31			10:22																
CCB 240-535859/32			10:26																
ZZZZZZ			10:30																
ZZZZZZ			10:35																
ZZZZZZ			10:39																
ZZZZZZ			10:43																
CCV 240-535859/37			10:47																
CCB 240-535859/38			10:51																
ZZZZZZ			11:16																
ZZZZZZ			11:20																
ZZZZZZ			11:25																
ZZZZZZ			11:29																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: I9 Analysis Method: 6010C

Start Date: 07/22/2022 08:09 End Date: 07/22/2022 22:27

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
ZZZZZZ			11:33																												
ZZZZZZ			11:38																												
ZZZZZZ			11:42																												
ZZZZZZ			11:46																												
ZZZZZZ			11:51																												
ZZZZZZ			11:55																												
CCV 240-535859/49			11:59																												
CCB 240-535859/50			12:03																												
ZZZZZZ			12:07																												
ZZZZZZ			12:12																												
ZZZZZZ			12:16																												
ZZZZZZ			12:20																												
ZZZZZZ			12:25																												
ZZZZZZ			12:29																												
ZZZZZZ			12:34																												
ZZZZZZ			12:38																												
ZZZZZZ			12:42																												
ZZZZZZ			12:46																												
CCV 240-535859/61			12:51																												
CCB 240-535859/62			12:55																												
ZZZZZZ			12:59																												
ZZZZZZ			13:04																												
ZZZZZZ			13:08																												
ZZZZZZ			13:12																												
ZZZZZZ			13:17																												
ZZZZZZ			13:21																												
ZZZZZZ			13:26																												
ZZZZZZ			13:30																												
ZZZZZZ			13:34																												
ZZZZZZ			13:39																												
CCV 240-535859/73			13:43																												
CCB 240-535859/74			13:47																												
ZZZZZZ			13:52																												
ZZZZZZ			13:56																												
ZZZZZZ			14:01																												
ZZZZZZ			14:05																												
ZZZZZZ			14:10																												
ZZZZZZ			14:14																												
ZZZZZZ			14:19																												
ZZZZZZ			14:23																												
ZZZZZZ			14:28																												
ZZZZZZ			14:32																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: I9 Analysis Method: 6010C

Start Date: 07/22/2022 08:09 End Date: 07/22/2022 22:27

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
CCV 240-535859/85			14:36																												
CCB 240-535859/86			14:40																												
ZZZZZZ			14:45																												
ZZZZZZ			14:49																												
ZZZZZZ			14:53																												
ZZZZZZ			14:57																												
ZZZZZZ			15:02																												
ZZZZZZ			15:06																												
ZZZZZZ			15:11																												
ZZZZZZ			15:15																												
ZZZZZZ			15:19																												
ZZZZZZ			15:23																												
CCV 240-535859/97			15:28																												
CCB 240-535859/98			15:32																												
ZZZZZZ			15:36																												
ZZZZZZ			15:41																												
ZZZZZZ			15:45																												
ZZZZZZ			15:49																												
ZZZZZZ			15:53																												
ZZZZZZ			15:58																												
ZZZZZZ			16:03																												
ZZZZZZ			16:07																												
ZZZZZZ			16:12																												
ZZZZZZ			16:16																												
CCV 240-535859/109			16:21																												
CCB 240-535859/110			16:24																												
ZZZZZZ			16:29																												
ZZZZZZ			16:34																												
ZZZZZZ			16:38																												
ZZZZZZ			16:42																												
ZZZZZZ			16:47																												
ZZZZZZ			16:51																												
ZZZZZZ			16:56																												
ZZZZZZ			17:00																												
ZZZZZZ			17:04																												
ZZZZZZ			17:09																												
CCV 240-535859/121		1	17:13	X	X	X	X	X	X	X	X																				
CCB 240-535859/122		1	17:17	X	X	X	X	X	X	X	X																				
ZZZZZZ			17:22																												
CCVL 240-535859/124			17:26																												
ZZZZZZ			17:30																												
EMPTY 240-535859/126			17:34																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: I9 Analysis Method: 6010C

Start Date: 07/22/2022 08:09 End Date: 07/22/2022 22:27

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
ZZZZZZ			17:39																												
ZZZZZZ			17:43																												
ZZZZZZ			17:48																												
ZZZZZZ			17:52																												
LB 240-535573/1-B	1	P	17:57	X	X	X	X	X	X	X	X																				
MB 240-535682/2-A	1	T	18:01	X	X	X	X	X	X	X	X																				
CCV 240-535859/133	1		18:06	X	X	X	X	X	X	X	X																				
CCB 240-535859/134	1		18:10	X	X	X	X	X	X	X	X																				
LCS 240-535682/3-A	1	T	18:14	X	X	X	X	X	X	X	X																				
ZZZZZZ			18:18																												
ZZZZZZ			18:23																												
ZZZZZZ			18:27																												
ZZZZZZ			18:32																												
ZZZZZZ			18:36																												
ZZZZZZ			18:41																												
ZZZZZZ			18:45																												
ZZZZZZ			18:49																												
ZZZZZZ			18:54																												
CCV 240-535859/145	1		18:58	X	X	X	X	X	X	X	X																				
CCB 240-535859/146	1		19:02	X	X	X	X	X	X	X	X																				
ZZZZZZ			19:07																												
240-170019-2	1	P	19:11	X	X	X	X	X	X	X	X																				
240-170019-3	1	P	19:16	X	X	X	X	X	X	X	X																				
ZZZZZZ			19:20																												
ZZZZZZ			19:25																												
ZZZZZZ			19:29																												
ZZZZZZ			19:33																												
ZZZZZZ			19:37																												
ZZZZZZ			19:42																												
ZZZZZZ			19:46																												
CCV 240-535859/157	1		19:50	X	X	X	X	X	X	X	X																				
CCB 240-535859/158	1		19:54	X	X	X	X	X	X	X	X																				
ZZZZZZ			19:58																												
ZZZZZZ			20:03																												
ZZZZZZ			20:07																												
ZZZZZZ			20:12																												
ZZZZZZ			20:16																												
ZZZZZZ			20:20																												
ZZZZZZ			20:25																												
ZZZZZZ			20:29																												
ZZZZZZ			20:34																												
ZZZZZZ			20:38																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: I9 Analysis Method: 6010C

Start Date: 07/22/2022 08:09 End Date: 07/22/2022 22:27

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
CCV 240-535859/169			20:43																												
CCB 240-535859/170			20:47																												
ZZZZZZ			20:51																												
ZZZZZZ			20:56																												
ZZZZZZ			21:00																												
ZZZZZZ			21:04																												
ZZZZZZ			21:09																												
ZZZZZZ			21:13																												
ZZZZZZ			21:18																												
ZZZZZZ			21:22																												
CCVL 240-535859/179	1		21:27	X	X	X	X	X	X	X	X																				
ZZZZZZ			21:31																												
CCV 240-535859/181			21:35																												
CCB 240-535859/182			21:39																												
ZZZZZZ			21:43																												
ZZZZZZ			21:48																												
ZZZZZZ			21:52																												
ZZZZZZ			21:57																												
ZZZZZZ			22:01																												
ZZZZZZ			22:05																												
ZZZZZZ			22:10																												
ZZZZZZ			22:14																												
ZZZZZZ			22:19																												
CCV 240-535859/192			22:23																												
CCB 240-535859/193			22:27																												

Prep Types: _____
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Hg	Analytes																											
IC 240-535815/1-B			11:40	X																												
IC 240-535815/2-B			11:42	X																												
IC 240-535815/3-B			11:44	X																												
IC 240-535815/4-B			11:46	X																												
IC 240-535815/5-B			11:48	X																												
IC 240-535815/6-B			11:50	X																												
ICV 240-535815/7-B	1		11:55	X																												
ICB 240-535815/8-B	1		11:57	X																												
CRA 240-535815/9-B	1		12:00	X																												
CCV 240-535815/10-B			12:02																													
CCV 240-535815/10-B			12:06																													
CCV 240-535815/10-B			12:08																													
CCV 240-535815/10-B			12:12																													
CCB 240-535815/11-B			12:14																													
ZZZZZZ			12:17																													
ZZZZZZ			12:19																													
ZZZZZZ			12:21																													
ZZZZZZ			12:24																													
ZZZZZZ			12:26																													
ZZZZZZ			12:28																													
ZZZZZZ			12:30																													
ZZZZZZ			12:32																													
ZZZZZZ			12:34																													
ZZZZZZ			12:36																													
CCV 240-535815/10-B			12:38																													
CCB 240-535815/11-B			12:40																													
ZZZZZZ			12:43																													
ZZZZZZ			12:45																													
ZZZZZZ			12:47																													
ZZZZZZ			12:49																													
ZZZZZZ			12:51																													
ZZZZZZ			12:53																													
ZZZZZZ			12:55																													
ZZZZZZ			12:57																													
ZZZZZZ			12:59																													
ZZZZZZ			13:01																													
CCV 240-535815/10-B			13:03																													
CCB 240-535815/11-B			13:05																													
ZZZZZZ			13:07																													
ZZZZZZ			13:09																													
ZZZZZZ			13:11																													
ZZZZZZ			13:14																													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
ZZZZZZ			13:16																												
ZZZZZZ			13:18																												
ZZZZZZ			13:20																												
ZZZZZZ			13:22																												
ZZZZZZ			13:24																												
ZZZZZZ			13:26																												
CCV 240-535815/10-B			13:29																												
CCB 240-535815/11-B			13:31																												
ZZZZZZ			13:34																												
ZZZZZZ			13:36																												
ZZZZZZ			13:38																												
ZZZZZZ			13:40																												
ZZZZZZ			13:42																												
ZZZZZZ			13:45																												
ZZZZZZ			13:47																												
ZZZZZZ			13:50																												
ZZZZZZ			13:52																												
ZZZZZZ			13:54																												
CCV 240-535815/10-B			13:57																												
CCB 240-535815/11-B			13:59																												
ZZZZZZ			14:01																												
ZZZZZZ			14:03																												
ZZZZZZ			14:06																												
ZZZZZZ			14:08																												
ZZZZZZ			14:10																												
ZZZZZZ			14:12																												
ZZZZZZ			14:14																												
ZZZZZZ			14:16																												
ZZZZZZ			14:18																												
ZZZZZZ			14:20																												
CCV 240-535815/10-B		1	14:22	X																											
CCB 240-535815/11-B		1	14:24	X																											
ZZZZZZ			14:27																												
ZZZZZZ			14:29																												
ZZZZZZ			14:31																												
ZZZZZZ			14:33																												
ZZZZZZ			14:35																												
ZZZZZZ			14:37																												
ZZZZZZ			14:39																												
ZZZZZZ			14:41																												
LB 240-535573/1-C		1 P	14:43	X																											
MB 240-535684/2-A		1 T	14:45	X																											

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Hg	Analytes																											
CCV 240-535815/10-B	1		14:47	X																												
CCB 240-535815/11-B	1		14:49	X																												
LCS 240-535684/3-A	1	T	14:52	X																												
ZZZZZZ			14:54																													
ZZZZZZ			14:56																													
ZZZZZZ			14:58																													
ZZZZZZ			15:01																													
ZZZZZZ			15:04																													
ZZZZZZ			15:06																													
ZZZZZZ			15:08																													
ZZZZZZ			15:10																													
240-170019-2	1	P	15:12	X																												
CCV 240-535815/10-B	1		15:14	X																												
CCB 240-535815/11-B	1		15:16	X																												
240-170019-3	1	P	15:18	X																												
ZZZZZZ			15:20																													
CCV 240-535815/10-B	1		15:23	X																												
CCB 240-535815/11-B	1		15:25	X																												
CCV 240-535815/10-B			15:37																													
CCB 240-535815/11-B			15:39																													
ZZZZZZ			15:42																													
ZZZZZZ			15:44																													
ZZZZZZ			15:46																													
ZZZZZZ			15:48																													
ZZZZZZ			15:51																													
ZZZZZZ			15:53																													
ZZZZZZ			15:55																													
ZZZZZZ			15:58																													
ZZZZZZ			16:00																													
ZZZZZZ			16:02																													
CCV 240-535815/10-B			16:04																													
CCB 240-535815/11-B			16:06																													
ZZZZZZ			16:09																													
ZZZZZZ			16:11																													
ZZZZZZ			16:13																													
ZZZZZZ			16:15																													
ZZZZZZ			16:17																													
ZZZZZZ			16:19																													
ZZZZZZ			16:21																													
ZZZZZZ			16:23																													
ZZZZZZ			16:25																													
ZZZZZZ			16:27																													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
CCV 240-535815/10-B			16:29																												
CCB 240-535815/11-B			16:31																												
ZZZZZZ			16:34																												
ZZZZZZ			16:36																												
ZZZZZZ			16:38																												
ZZZZZZ			16:41																												
ZZZZZZ			16:43																												
ZZZZZZ			16:45																												
ZZZZZZ			16:47																												
ZZZZZZ			16:49																												
ZZZZZZ			16:51																												
ZZZZZZ			16:53																												
CCV 240-535815/10-B			16:55																												
CCB 240-535815/11-B			16:57																												
ZZZZZZ			17:00																												
ZZZZZZ			17:02																												
ZZZZZZ			17:04																												
ZZZZZZ			17:06																												
ZZZZZZ			17:08																												
ZZZZZZ			17:10																												
ZZZZZZ			17:12																												
ZZZZZZ			17:15																												
ZZZZZZ			17:17																												
ZZZZZZ			17:19																												
CCV 240-535815/10-B			17:21																												
CCB 240-535815/11-B			17:23																												
ZZZZZZ			17:26																												
ZZZZZZ			17:28																												
ZZZZZZ			17:30																												
ZZZZZZ			17:32																												
ZZZZZZ			17:34																												
ZZZZZZ			17:36																												
ZZZZZZ			17:38																												
ZZZZZZ			17:40																												
ZZZZZZ			17:42																												
ZZZZZZ			17:44																												
CCV 240-535815/10-B			17:46																												
CCB 240-535815/11-B			17:48																												
ZZZZZZ			17:50																												
ZZZZZZ			17:52																												
ZZZZZZ			17:54																												
ZZZZZZ			17:56																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
ZZZZZZ			17:58																												
ZZZZZZ			18:00																												
ZZZZZZ			18:02																												
ZZZZZZ			18:04																												
ZZZZZZ			18:06																												
ZZZZZZ			18:08																												
CCV 240-535815/10-B			18:11																												
CCB 240-535815/11-B			18:13																												
ZZZZZZ			18:16																												
ZZZZZZ			18:18																												
ZZZZZZ			18:20																												
ZZZZZZ			18:22																												
ZZZZZZ			18:24																												
ZZZZZZ			18:26																												
ZZZZZZ			18:28																												
ZZZZZZ			18:30																												
ZZZZZZ			18:32																												
ZZZZZZ			18:34																												
CCV 240-535815/10-B			18:36																												
CCB 240-535815/11-B			18:38																												
ZZZZZZ			18:41																												
ZZZZZZ			18:43																												
ZZZZZZ			18:45																												
ZZZZZZ			18:47																												
ZZZZZZ			18:49																												
ZZZZZZ			18:51																												
ZZZZZZ			18:53																												
ZZZZZZ			18:56																												
ZZZZZZ			18:58																												
ZZZZZZ			19:00																												
CCV 240-535815/10-B			19:02																												
CCB 240-535815/11-B			19:04																												
ZZZZZZ			19:07																												
ZZZZZZ			19:09																												
ZZZZZZ			19:11																												
ZZZZZZ			19:13																												
ZZZZZZ			19:15																												
ZZZZZZ			19:17																												
ZZZZZZ			19:19																												
ZZZZZZ			19:21																												
ZZZZZZ			19:23																												
ZZZZZZ			19:25																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
CCV 240-535815/10-B			19:27																												
CCB 240-535815/11-B			19:29																												
ZZZZZZ			19:32																												
ZZZZZZ			19:34																												
ZZZZZZ			19:36																												
ZZZZZZ			19:38																												
ZZZZZZ			19:40																												
ZZZZZZ			19:42																												
ZZZZZZ			19:44																												
ZZZZZZ			19:46																												
ZZZZZZ			19:48																												
ZZZZZZ			19:50																												
CCV 240-535815/10-B			19:52																												
CCB 240-535815/11-B			19:55																												
ZZZZZZ			19:58																												
ZZZZZZ			20:00																												
ZZZZZZ			20:02																												
ZZZZZZ			20:04																												
ZZZZZZ			20:06																												
ZZZZZZ			20:08																												
ZZZZZZ			20:10																												
ZZZZZZ			20:12																												
ZZZZZZ			20:14																												
ZZZZZZ			20:16																												
CCV 240-535815/10-B			20:18																												
CCB 240-535815/11-B			20:20																												
ZZZZZZ			20:23																												
ZZZZZZ			20:25																												
ZZZZZZ			20:27																												
ZZZZZZ			20:29																												
ZZZZZZ			20:31																												
ZZZZZZ			20:33																												
ZZZZZZ			20:35																												
ZZZZZZ			20:37																												
ZZZZZZ			20:40																												
ZZZZZZ			20:42																												
CCV 240-535815/10-B			20:44																												
CCB 240-535815/11-B			20:47																												
ZZZZZZ			20:49																												
ZZZZZZ			20:51																												
ZZZZZZ			20:53																												
ZZZZZZ			20:55																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: H2 Analysis Method: 7470A

Start Date: 07/22/2022 11:40 End Date: 07/22/2022 21:36

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
ZZZZZZ			20:58																												
ZZZZZZ			21:00																												
ZZZZZZ			21:02																												
ZZZZZZ			21:04																												
ZZZZZZ			21:06																												
ZZZZZZ			21:08																												
CCV 240-535815/10-B			21:10																												
CCB 240-535815/11-B			21:12																												
ZZZZZZ			21:15																												
ZZZZZZ			21:17																												
ZZZZZZ			21:19																												
ZZZZZZ			21:21																												
ZZZZZZ			21:23																												
ZZZZZZ			21:26																												
ZZZZZZ			21:28																												
ZZZZZZ			21:30																												
ZZZZZZ			21:32																												
ZZZZZZ			21:34																												
CCV 240-535815/10-B			21:36																												

Prep Types: _____
P = TCLP
T = Total/NA

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____ Analysis Batch No.: 535859
 ICP Instrument ID: I9 Start Date: 07/22/2022 End Date: 07/22/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICIS 240-535859/1	08:09										
ICV 240-535859/4	08:22	91		98		98		101			
ICB 240-535859/5	08:26	101		100		101		101			
ICVL 240-535859/6	08:30	98		100		100		101			
ICSA 240-535859/8	08:39	78		90		89		95			
ICSAB 240-535859/9	08:44	77		89		89		95			
CCV 240-535859/121	17:13	87		93		92		85			
CCB 240-535859/122	17:17	95		95		95		86			
LB 240-535573/1-B	17:57	78		87		84		85			
MB 240-535682/2-A	18:01	96		97		97		88			
CCV 240-535859/133	18:06	87		94		92		85			
CCB 240-535859/134	18:10	96		96		95		86			
LCS 240-535682/3-A	18:14	76		87		85		85			
CCV 240-535859/145	18:58	87		94		93		85			
CCB 240-535859/146	19:02	95		96		96		86			
240-170019-2	19:11	91		94		94		87			
240-170019-3	19:16	78		89		87		87			
CCV 240-535859/157	19:50	87		94		93		85			
CCB 240-535859/158	19:54	95		95		95		85			
CCVL 240-535859/179	21:27	95		96		96		86			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____ Analysis Batch No.: 535859
 ICP Instrument ID: I9 Start Date: 07/22/2022 End Date: 07/22/2022

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Arsenic	189.042		X			
Barium	455.403				X	
Cadmium	228.802		X			
Chromium	267.716			X		
Lead	220.353		X			
Selenium	196.090		X			
Silver	328.068			X		
<i>Aluminum</i>	308.215				X	
<i>Antimony</i>	217.581		X			
<i>Beryllium</i>	313.042				X	
<i>Boron</i>	182.641		X			
<i>Calcium</i>	317.933				X	
<i>Cobalt</i>	228.616	X				
<i>Copper</i>	327.396			X		
<i>Iron</i>	259.940				X	
<i>Lithium</i>	670.784				X	
<i>Magnesium</i>	279.079				X	
<i>Manganese</i>	257.610			X		
<i>Molybdenum</i>	202.030		X			
<i>Nickel</i>	231.604	X				
<i>Potassium</i>	766.490				X	
<i>Silicon</i>	251.611				X	
<i>Sodium</i>	589.592				X	
<i>Strontium</i>	346.446				X	
<i>Thallium</i>	190.856	X				
<i>Tin</i>	189.989	X				
<i>Titanium</i>	337.280			X		
<i>Vanadium</i>	290.882				X	
<i>Zinc</i>	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535573 Batch Start Date: 07/20/22 16:50 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 07/21/22 08:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	ExpH(0-14) 00041	EXTCLPBUFF1 02953	EXTCLPFILTERS 00067	EXTCLPHClW 00078	EXTCLPPlastic 00027	AnalysisComment
LB 240-535573/1		1311, 3010A, 6010C		1 No Unit	1 mL	1	1 mL	1	Buffer 1
240-170019-E-2	WC-GSP-W-071822	1311, 3010A, 6010C	P	1 No Unit	1 mL	1	1 mL	1	Filter only H2O
240-170019-D-3	WC-GSP-S-071822	1311, 3010A, 6010C	P	1 No Unit	1 mL	1	1 mL	1	

Batch Notes	
Tumbler Rotations per Minute	B, C, E, F = 31rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535682 Batch Start Date: 07/21/22 12:00 Batch Analyst: Banks, Samuel H

Batch Method: 3010A Batch End Date: 07/21/22 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ICPspike3 00032	MT1to1HCL 00126	MTTMHNO3 00284	SPIKE1 00015
LB 240-535573/1-A		3010A, 6010C		50 mL	50 mL		5 mL	3 mL	
MB 240-535682/2		3010A, 6010C		50 mL	50 mL		5 mL	3 mL	
LCS 240-535682/3		3010A, 6010C		50 mL	50 mL	0.5 mL	5 mL	3 mL	0.5 mL
240-170019-E-2-A	WC-GSP-W-071822	3010A, 6010C	P	50 mL	50 mL		5 mL	3 mL	
240-170019-D-3-A	WC-GSP-S-071822	3010A, 6010C	P	50 mL	50 mL		5 mL	3 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SPIKE2 00012					
LB 240-535573/1-A		3010A, 6010C							
MB 240-535682/2		3010A, 6010C							
LCS 240-535682/3		3010A, 6010C		0.5 mL					
240-170019-E-2-A	WC-GSP-W-071822	3010A, 6010C	P						
240-170019-D-3-A	WC-GSP-S-071822	3010A, 6010C	P						

Batch Notes	
Digestion Tube/Cup ID	2106023
Pipette/Syringe/Dispenser ID	mp1 mp3
Digestion Unit ID	hb4
Thermometer ID	temp log
Thermometer Location ID	temp log
Temperature - Uncorrected - Start	94 Degrees C
Temperature - Corrected - Start	95 Degrees C
Temperature - Uncorrected - End	timer Degrees C
Temperature - Corrected - End	timer Degrees C
Filter ID	10518101

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535682 Batch Start Date: 07/21/22 12:00 Batch Analyst: Banks, Samuel H

Batch Method: 3010A Batch End Date: 07/21/22 20:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535573 Batch Start Date: 07/20/22 16:50 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 07/21/22 08:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	ExpH(0-14) 00041	EXTCLPBUFF1 02953	EXTCLPFILTERS 00067	EXTCLPHClW 00078	EXTCLPPlastic 00027	AnalysisComment
LB 240-535573/1		1311, 7470A, 7470A		1 No Unit	1 mL	1	1 mL	1	Buffer 1
240-170019-E-2	WC-GSP-W-071822	1311, 7470A, 7470A	P	1 No Unit	1 mL	1	1 mL	1	Filter only H2O
240-170019-D-3	WC-GSP-S-071822	1311, 7470A, 7470A	P	1 No Unit	1 mL	1	1 mL	1	

Batch Notes	
Tumbler Rotations per Minute	B, C, E, F = 31rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535684 Batch Start Date: 07/21/22 12:00 Batch Analyst: Banks, Samuel H

Batch Method: 7470A Batch End Date: 07/21/22 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	K2S2O8 00145	MTH2S04 00106	MTHGCALW 02938	MTKMNO4W 00292
LB 240-535573/1-A		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		7.5 mL
MB 240-535684/2		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		7.5 mL
LCS 240-535684/3		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	2.5 mL	7.5 mL
240-170019-E-2-A	WC-GSP-W-071822	7470A, 7470A	P	50 mL	50 mL	4 mL	2.5 mL		7.5 mL
240-170019-D-3-A	WC-GSP-S-071822	7470A, 7470A	P	50 mL	50 mL	4 mL	2.5 mL		7.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTTMHNO3 00284					
LB 240-535573/1-A		7470A, 7470A		1.25 mL					
MB 240-535684/2		7470A, 7470A		1.25 mL					
LCS 240-535684/3		7470A, 7470A		1.25 mL					
240-170019-E-2-A	WC-GSP-W-071822	7470A, 7470A	P	1.25 mL					
240-170019-D-3-A	WC-GSP-S-071822	7470A, 7470A	P	1.25 mL					

Batch Notes	
Digestion Tube/Cup ID	2202231
Pipette/Syringe/Dispenser ID	mp2
Digestion Unit ID	d1
Thermometer ID	temp log
Temperature - Uncorrected - Start	93 Degrees C
Temperature - Corrected - Start	92 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	90 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535815 Batch Start Date: 07/22/22 08:42 Batch Analyst: Heakin, David

Batch Method: 7470A Batch End Date: 07/22/22 10:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	K2S2O8 00145	MTH2S04 00106	MTHGCALW 02939	MTHgICV_00001 00927
ICV 240-535815/7		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		2.5 mL
ICB 240-535815/8		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		
CRA 240-535815/9		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	0.1 mL	
CCV 240-535815/10		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	2.5 mL	
CCB 240-535815/11		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTKMN04W 00292	MTTMHNO3 00284				
ICV 240-535815/7		7470A, 7470A		7.5 mL	1.25 mL				
ICB 240-535815/8		7470A, 7470A		7.5 mL	1.25 mL				
CRA 240-535815/9		7470A, 7470A		7.5 mL	1.25 mL				
CCV 240-535815/10		7470A, 7470A		7.5 mL	1.25 mL				
CCB 240-535815/11		7470A, 7470A		7.5 mL	1.25 mL				

Batch Notes	
Digestion Tube/Cup ID	2106023
Pipette/Syringe/Dispenser ID	mp1 mp2 a8
Digestion Unit ID	D1
Thermometer ID	Temp log
Temperature - Uncorrected - Start	92 Degrees C
Temperature - Corrected - Start	92 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	91 Degrees C

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Canton _____ Job Number: 240-170019-1 _____

SDG No.: _____

Project: GSP TCE Characterization _____

Client Sample ID	Lab Sample ID
WC-GSP-W-071822	240-170019-2
WC-GSP-S-071822	240-170019-3

Comments:

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: WC-GSP-W-071822

Lab Sample ID: 240-170019-2

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG ID.: _____

Matrix: Water

Date Sampled: 07/18/2022 11:10

Reporting Basis: WET

Date Received: 07/19/2022 10:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Flashpoint	>200	1.00	1.00	Degrees F			1	1010A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-GSP-S-071822

Lab Sample ID: 240-170019-3

Lab Name: Eurofins Canton

Job No.: 240-170019-1

SDG ID.:

Matrix: Solid

Date Sampled: 07/18/2022 11:00

Reporting Basis: WET

Date Received: 07/19/2022 10:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Flashpoint	>200	1.00	1.00	Degrees F			1	1010A

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-170019-1
SDG No.: _____
Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 537059 Date: 08/01/2022 07:35			LCS Source: WCP-XYLENE_00042								
1010A	LCS 240-537059/1	Flashpoint	81.00		Degrees F	81.0	100	97-103			

Calculations are performed before rounding to avoid round-off errors in calculated results.

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Solid

Instrument ID: WHITEY

Method: 1010A

RL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	RL (Degrees F)	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Solid Instrument ID: WHITEY
Method: 1010A XRL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	XRL (Degrees F)	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Water

Instrument ID: WHITEY

Method: 1010A

RL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	RL (Degrees F)	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Water Instrument ID: WHITEY
Method: 1010A XRL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	XRL (Degrees F)	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton

Job Number: 240-170019-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-170019-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-170019-1
 SDG No.: _____
 Instrument ID: WHITEY Analysis Method: 1010A
 Start Date: 08/01/2022 07:35 End Date: 08/01/2022 16:16

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				F P																											
LCS 240-537059/1	1	T	07:35	X																											
ZZZZZZ			08:03																												
ZZZZZZ			08:32																												
240-170019-2	1	T	09:01	X																											
ZZZZZZ			09:30																												
ZZZZZZ			09:59																												
ZZZZZZ			10:28																												
ZZZZZZ			10:57																												
ZZZZZZ			11:26																												
ZZZZZZ			11:55																												
ZZZZZZ			12:24																												
ZZZZZZ			12:53																												
ZZZZZZ			13:22																												
ZZZZZZ			13:51																												
ZZZZZZ			14:20																												
ZZZZZZ			14:49																												
240-170019-3	1	T	15:18	X																											
ZZZZZZ			15:47																												
ZZZZZZ			16:16																												

Prep Types: _____
 T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: Moisture

Start Date: 07/19/2022 14:51 End Date: 07/19/2022 15:05

Lab Sample Id	D/F	Type	Time	Analytes																			
				%	M																		
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				
ZZZZZZ			14:51																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: Moisture

Start Date: 07/19/2022 14:51 End Date: 07/19/2022 15:05

Lab Sample Id	D/F	Type	Time	Analytes																											
				% S	M o i s t																										
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
240-170019-3	1	T	14:51	X	X																										
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			14:51																												
ZZZZZZ			15:05																												
ZZZZZZ			15:05																												
ZZZZZZ			15:05																												
ZZZZZZ			15:05																												

Prep Types: _____
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 537059 Batch Start Date: 08/01/22 07:35 Batch Analyst: Rodgers, Jacob M

Batch Method: 1010A Batch End Date: 08/01/22 16:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	InitialTemp	WCP-XYLENE 00042		
LCS 240-537059/1		1010A		70 mL	70 mL	49 Degrees F	70 mL		
240-170019-G-2	WC-GSP-W-071822	1010A	T	70 mL	70 mL	58.5 Degrees F			
240-170019-C-3	WC-GSP-S-071822	1010A	T	70 g	70 mL	71 Degrees F			

Batch Notes	
Equipment ID	Whitey
Thermometer ID	x

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-170019-1

SDG No.: _____

Batch Number: 535325 Batch Start Date: 07/19/22 14:51 Batch Analyst: Seese, Morgan M

Batch Method: Moisture Batch End Date: 07/20/22 10:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid	
240-170019-A-3	WC-GSP-S-071822	Moisture	T	4.2676 g	25.4475 g	22.2545 g	15.075614143598 4 %	84.924385856401 6 %	

Batch Notes	
Balance ID	B42
Oven ID	002
Thermometer ID	-
Date samples were placed in the oven	07/19/2022
Time samples were place in the oven	15:17
Oven Temp In	106 Degrees C
Date samples were removed from oven	07/20/2022
Time Samples were removed from oven	07:45
Oven Temp Out	105 Degrees C
Date and Time Samples in Desiccator	07/20/2022 07:45
Date and Time Samples out of Desiccator	07/20/2022 10:45

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

2.1/2.1

#201

Client Information Client Contact: Josh Mullis Company: Tetra Tech, Inc. Address: 20251 Century Blvd Suite 200 City: Germantown State: MD, 20874 Phone: 410-279-2700 Email: josh.mullis@tetratech.com Project Name: <u>6SP TCE Characterization</u> Site: <u>6SP</u>		Lab PMI: Cisneros, Roxanne E-Mail: roxanne.cisneros@Eurofinset.com State of Origin: <u>MD</u> PWSID:		Sampler: <u>Mullis</u> Phone: <u>410-279-2700</u> PWSID:		COC No: 240-92781-34453.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): <u>Standard</u> Compliance Project: <u>Yes</u> <input type="checkbox"/> <u>No</u> <input type="checkbox"/> PO #: <u>1104299</u> WO #: <u>1121C09026</u> Project #: <u>24006132</u> SSOW#:		Analysis Requested		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification <u>19-071822</u> <u>WC-6SP-W-071822</u> <u>WC-6SP-S-071822</u>		Sample Date <u>7/18/22</u> <u>↓</u> <u>↓</u>		Sample Time <u>0000</u> <u>1110</u> <u>1100</u>		Sample Type (C=comp, G=grab) <u>6</u> <u>6</u> <u>6</u>	
Matrix (Water, Solid, Oil, etc.) <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u> <u>Water</u>		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> <u>Yes</u> <input checked="" type="checkbox"/> <u>Yes</u> <input checked="" type="checkbox"/> <u>Yes</u>		Form MS/MS (Yes or No) <input checked="" type="checkbox"/> <u>Yes</u> <input checked="" type="checkbox"/> <u>Yes</u> <input checked="" type="checkbox"/> <u>Yes</u>		Special Instructions/Note: <u>WATER</u> <u>SOIL</u>	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab		Special Instructions/QC Requirements:		Archive For _____ Months	
Empty Kit Relinquished by: _____		Date: _____		Method of Shipment:		Received by: <u>John</u>	
Relinquished by: <u>John</u>		Date/Time: <u>7/18/22 13:32</u>		Company: <u>ETC</u>		Date/Time: <u>7/18/22 14:25</u>	
Relinquished by: <u>John</u>		Date/Time: <u>7/18/22 14:25</u>		Company: <u>ETC</u>		Date/Time: <u>7-19-22 10:10</u>	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Company: <u>ETC</u>	

Eurofins - Canton Sample Receipt Form/Narrative

Login # : _____

Barberton Facility

Client Tetra Tech

Site Name _____

Cooler unpacked by: JL5+JH H

Cooler Received on 7-19-22

Opened on 7-19-22

FedEx: 1st Gnd (EXP) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____

Storage Location _____

Eurofins Cooler # 74

Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 2.1 °C Corrected Cooler Temp. 2.1 °C
IR GUN# IR-15 (CF -0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s) signed & dated? Yes No

-Were the seals on the outside of the cooler(s) signed & dated? Yes No

-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No

-Were tamper/custody seals intact and uncompromised? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No

7. Did all bottles arrive in good condition (Unbroken)? Yes No

8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No

9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N) and sample type of grab/comp (Y/N)? Yes No

10. Were correct bottle(s) used for the test(s) indicated? Yes No

11. Sufficient quantity received to perform indicated analyses? Yes No

12. Are these work share samples and all listed on the COC? Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No

14. Were VOAs on the COC? Yes No

15. Were air bubbles > 6 mm in any VOA vials? Larger than this. Yes No

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 61109 Yes No

17. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page

Samples processed by: _____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble > 6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____

Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

ORIGIN: KEUA (410) 869-0085
SETH CAPLAN
EUROFINS TESTAMERICA
7526 CONNELLEY DR
SUITE F
BALTIMORE, MD 21228
UNITED STATES US

SHIP DATE: 19 JUL 22
ACT WGT: 37.00 LB
CAD: 1030460/INET4490

BILL RECIPIENT:

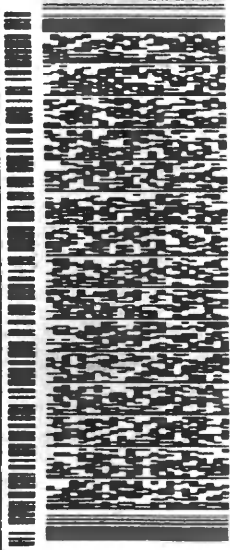
TO **SAMPLE RECEIVING**
TEST AMERICA NORTH CANTON
180 S. VAN BUREN AVE.

BARBERTON OH 44203

REF: TETRA TECH MRC

(330) 497-9396
INV. PO.

DEPT.

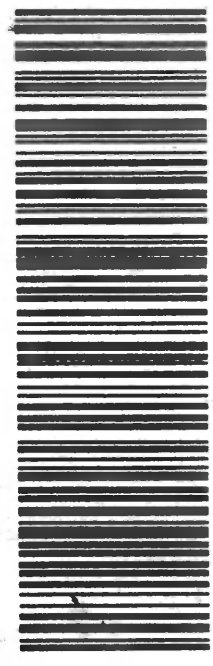


TUE - 19 JUL 10:30A
PRIORITY OVERNIGHT

TRK# 7774 1706 9250
0201

NA CAKA

44203
OH-US CLE



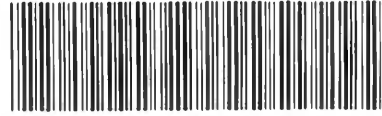
58120A92FEA

Eurofins Center LANCASTER PA
166 S Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

Client Information		Sampler: Mullis	Lab PM: Cisneros, Roxanne	Carrier Tracking No(s):				
Client Contact: Josh Mullis		Phone: 410-279-2700	E-Mail: roxanne.cisneros@Eurofinset.com	State of Origin: MD				
Company: Tetra Tech, Inc.		PWSID:						
Address: 20251 Century Blvd Suite 200 City: Germantown State, Zip: MD, 20874		Due Date Requested:	Analysis Requested					
Phone: 410-279-2700		TAT Requested (days):						
Email: josh.mullis@tetratech.com		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						
Project Name: MSA Surface Water GSP TCE Chlor		PO #: 4104378 112IC09076						
Site: GSP		WO #:	Field Filtered Sample (Yes or No)					
Project #: 24006132		SSOW#:	Perform MS/MSD (Yes or No)					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soils/sediment, BT=Tissue, AA=Air)	Preservation Code:	PAS 537	
WC-GSP-W-071822		7/18/22	1110	G	Water		X	
					Water		X	
					Water			
					Water			
					Water			
					Water			
					Water			
					Water			
					Water			
					Water			
					Water			
					Water			
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are)			
Deliverable Requested: I, II, III, IV, Other (specify)					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/>			
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		Special Instructions/QC Requirements:		
Relinquished by: [Signature]		Date/Time: 7/18/22 1332	Company: H	Received by: [Signature]		Date/Time: 7/18		
Relinquished by: [Signature]		Date/Time: 7/18/22 16:57	Company: ELLE	Received by: [Signature]		Date/Time: 7/18		
Relinquished by: [Signature]		Date/Time:	Company:	Received by: [Signature]		Date/Time: 7/18		
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: NOT present			Cooler Temperature(s) °C and Other Remarks: 2.5				

C3



Client Information	Sampler: <i>Mullis</i>	ng No(s):	COC No: 240-92781-34453 3
Client Contact: Josh Mullis	Phone: 410-279-2700	240-170019 Chain of Custody	Page: 2 of 3 / of 1
Company: Tetra Tech, Inc.	PWSID:		Job #:

Address: 20251 Century Blvd Suite 200 City: Germantown State, Zip: MD, 20874 Phone: 410-279-2700 Email: josh.mullis@tetratech.com	Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 1101370 WO #: 112IC09076	Analysis Requested		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
Project Name: MSA Surface Water Site: GSP	Project #: 24006132 SSOW#:	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) <i>PPAS 537</i>		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of Containers	Special Instructions/Note:
WC-GSP-W-071822	7/18/22	1110	G	Water	X	X		
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				

Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 7/18/22 13:32	Company: <i>ELLE</i>	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 7/18/22 16:57	Company: <i>ELLE</i>	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 7/18/22 17:00	Company: <i>ELLE</i>	Received by: <i>[Signature]</i>
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: <i>Not present</i>	Cooler Temperature(s) °C and Other Remarks: <i>2.5</i>	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 240-170019-1

Login Number: 170019
List Number: 2
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/19/22 04:29 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace $>6\text{mm}$ in diameter (none, if from WV)?	N/A	

Appendix F is available upon request.

APPENDIX F – VALIDATED LABORATORY REPORTS

Appendix G is available upon request.

APPENDIX G – FULL LABORATORY REPORTS

APPENDIX H – GROUNDWATER PURGE LOG SHEETS

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-27-080422	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/04/22
MS/MSD Collected: No	Sample Time: 10:17

WELL INFORMATION:	
Well ID : GSP-MW-27	Purge Date: 08/04/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 6.63
Top of Screen (ft-BTOR): 21.71	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 31.71	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 31.71	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
8:42	6.63	300	5.72	0.183	383.00	2.14	25.07	-5	0.01	
8:47	7.35	150	5.86	0.175	102.00	0.22	22.01	-46	0.01	
8:52	8.70	100	5.84	0.175	69.90	0.08	21.23	-53	0.01	
9:02	9.45	100	5.9	0.173	60.10	0.00	20.99	-60	0.01	
9:12	11.01	100	5.99	0.169	53.00	0.00	20.54	-67	0.01	
9:22	12.83	100	6.08	0.165	48.80	0.00	20.26	-78	0.01	
9:32	15.70	100	6.21	0.163	45.10	0.00	19.83	-88	0.01	
9:42	16.99	100	6.23	0.163	45.20	0.00	19.89	-91	0.01	
9:52	18.15	100	6.25	0.162	45.00	0.00	19.93	-93	0.01	
10:02	19.65	100	6.25	0.162	45.10	0.00	19.62	-94	0.01	
10:12	20.80	100	6.24	0.163	45.30	0.00	19.30	-95	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
8:42	10:12	90	2.0	6.24	0.163	45.30	0.00	19.3	-95	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 4.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-28-080422	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/04/22
MS/MSD Collected: No	Sample Time: 12:08

WELL INFORMATION:	
Well ID : GSP-MW-28	Purge Date: 08/04/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 7.00
Top of Screen (ft-BTOR): 14.57	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 24.57	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 24.57	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
11:18	7.00	300	4.91	0.164	46.80	1.09	22.50	162	0.01	
11:23	7.05	200	4.74	0.172	17.80	0.30	20.61	244	0.01	
11:28	7.05	200	4.74	0.171	8.97	0.19	20.76	261	0.01	
11:38	7.05	200	4.77	0.173	8.00	0.09	20.37	274	0.01	
11:48	7.05	200	4.80	0.170	7.35	0.05	20.79	282	0.01	
11:53	7.05	200	4.81	0.171	6.85	0.04	20.05	288	0.01	
11:58	7.05	200	4.81	0.172	6.83	0.03	19.98	292	0.01	
12:03	7.05	200	4.83	0.171	6.81	0.03	20.10	295	0.01	

FINAL PURGE / SAMPLE DATA:										
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)
11:18	12:03	45	2.5	4.83	0.171	6.81	0.0	20.1	295	0.01

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 0.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-29-080322	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/03/22
MS/MSD Collected: No	Sample Time: 15:12

WELL INFORMATION:	
Well ID: GSP-MW-29	Purge Date: 08/03/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 7.15
Top of Screen (ft-BTOR): 7.94	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 17.94	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 17.94	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
14:22	7.15	300	4.39	0.060	146.00	1.84	28.25	117	0.00	
14:27	7.40	300	4.37	0.061	34.20	0.23	22.57	102	0.00	
14:32	7.40	300	4.14	0.057	8.34	0.04	20.06	111	0.00	
14:42	7.40	300	4.00	0.055	6.43	0.00	19.17	112	0.00	
14:52	7.40	300	3.90	0.055	5.99	0.00	18.95	114	0.00	
14:57	7.40	300	3.85	0.055	5.18	0.00	18.79	116	0.00	
15:02	7.40	300	3.83	0.055	5.10	0.00	18.69	118	0.00	
15:07	7.40	300	3.82	0.055	5.05	0.00	18.57	118	0.00	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
14:22	15:07	45	2.5	3.82	0.055	5.05	0.00	18.57	118	0.00	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 2.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-30-080322	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/03/22
MS/MSD Collected: No	Sample Time: 10:27

WELL INFORMATION:	
Well ID : GSP-MW-30	Purge Date: 08/03/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 8.19
Top of Screen (ft-BTOR): 17.21	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 27.21	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 27.21	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal:	Well Photograph - See next page
<input type="checkbox"/> None <input checked="" type="checkbox"/> Good <input type="checkbox"/> Cracked	
Condition of Protective Casing:	
<input checked="" type="checkbox"/> Good <input type="checkbox"/> Damaged <input type="checkbox"/> Loose <input type="checkbox"/> None Present	
Inner Casing: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> None	
Condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
8:52	8.19	300	6.29	0.157	14.30	1.97	21.61	18	0.01	
8:57	9.01	200	9.18	0.132	10.80	1.32	20.80	-122	0.01	
9:02	10.30	150	10.21	0.170	9.36	1.60	20.08	-121	0.01	
9:12	11.42	100	7.20	0.136	8.36	0.46	19.07	-92	0.01	
9:22	13.50	100	7.20	0.136	7.74	0.46	19.07	-92	0.01	
9:32	14.00	100	7.15	0.198	6.52	0.25	18.75	-120	0.01	
9:42	14.50	100	7.08	0.210	5.98	0.10	18.49	-150	0.01	
9:52	14.69	100	7.10	0.217	7.56	0.35	18.25	-141	0.01	
10:02	14.80	100	7.12	0.225	9.02	0.54	18.10	-133	0.01	
10:12	14.81	100	7.00	0.220	8.45	0.75	18.12	-120	0.01	
10:22	14.81	100	6.89	0.218	7.76	1.01	18.14	-110	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
8:52	10:22	90	2.2	6.89	0.218	7.76	1.0	18.14	-110	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 2.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-31-080322	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/03/22
MS/MSD Collected: No	Sample Time: 12:06

WELL INFORMATION:	
Well ID : GSP-MW-31	Purge Date: 08/03/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 6.40
Top of Screen (ft-BTOR): 7.39	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 17.39	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 17.39	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
1116	6.40	300	5.63	0.407	140.00	1.28	22.35	-9	0.02	
1121	7.00	150	5.06	0.416	12.20	0.26	22.06	72	0.02	
1126	7.40	100	5.02	0.417	7.36	0.11	21.99	75	0.02	
1136	7.50	100	5.02	0.415	7.00	0.00	22.10	70	0.02	
1146	7.90	100	5.02	0.413	6.87	0.00	22.36	65	0.02	
1151	7.94	100	5.04	0.412	5.98	0.00	22.30	63	0.02	
1156	7.98	100	5.04	0.412	5.90	0.00	22.23	59	0.02	
1201	8.00	100	5.05	0.411	5.86	0.00	22.13	57	0.02	

FINAL PURGE / SAMPLE DATA:										
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)
11:16	12:01	45	1.2	5.05	0.411	5.86	0.00	22.13	57	0.02

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 2.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-40-080122	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/01/22
MS/MSD Collected: No	Sample Time: 11:20

WELL INFORMATION:	
Well ID : GSP-MW-40	Purge Date: 08/01/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 4.30
Top of Screen (ft-BTOR): 6.77	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 11.77	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 11.77	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
9:45	4.30	300	5.64	0.381	44.20	2.64	23.08	72	0.02	
9:50	4.88	200	5.55	0.341	27.10	0.46	21.04	31	0.02	
9:55	5.95	120	5.45	0.325	20.40	0.27	21.09	24	0.02	
10:05	6.35	100	5.57	0.334	18.20	0.13	20.90	6	0.02	
10:15	6.90	100	5.62	0.340	8.18	0.11	20.74	0	0.02	
10:20	6.95	100	5.84	0.379	26.40	0.11	20.74	-18	0.02	
10:30	7.15	100	5.87	0.386	17.40	0.10	20.36	-16	0.02	
10:40	7.30	100	5.84	0.382	13.70	0.10	20.06	-13	0.02	
10:50	7.45	100	5.81	0.376	17.50	0.11	20.15	-11	0.02	
11:00	7.55	100	5.74	0.360	15.80	0.09	19.95	-5	0.02	
11:10	7.70	100	5.72	0.354	20.50	0.07	19.94	-5	0.02	
11:15	7.85	100	5.71	0.349	26.10	0.05	19.92	-4	0.02	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
9:45	11:15	90	2.0	5.71	0.349	26.10	0.05	19.92	-4	0.02	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
TDS, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:	
Ferrous Iron Kit 0-10 mg/L 2.5 mg/L	

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-41-080122	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/01/22
MS/MSD Collected: No	Sample Time: 15:05

WELL INFORMATION:	
Well ID : GSP-MW-41	Purge Date: 08/01/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 4.50
Top of Screen (ft-BTOR): 12.12	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 22.12	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 22.12	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
1410	4.50	300	4.85	0.125	60.50	2.05	24.35	172	0.01	
1415	4.60	200	4.82	0.129	27.90	1.00	23.93	172	0.01	
1420	4.60	200	4.60	0.139	48.90	0.12	20.74	172	0.01	
1430	4.60	200	4.60	0.135	52.10	0.07	19.37	175	0.01	
1440	4.60	200	4.62	0.134	39.70	0.00	19.50	179	0.01	
1450	4.60	200	4.62	0.135	5.99	0.00	19.04	176	0.01	
1455	4.60	200	4.63	0.135	5.85	0.00	19.09	174	0.01	
1500	4.60	200	4.61	0.136	5.78	0.00	19.00	175	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
14:10	15:00	45	2.2	4.61	0.136	5.78	0.00	19.00	175	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate,Nitrite	9056A,28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S,Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 1.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-42I-080122	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/01/22
MS/MSD Collected: No	Sample Time: 12:43

WELL INFORMATION:	
Well ID: GSP-MW-42I	Purge Date: 08/01/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 5.30
Top of Screen (ft-BTOR): 43.22	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 53.22	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 53.22	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION
Condition of Seal: () None (x) Good () Cracked
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present
Inner Casing: (x) PVC () Steel () None
Condition: (x) Good () Cracked/Broken

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
1153	5.30	300	5.59	0.052	350.00	2.03	21.99	43	0.00	
1158	5.53	250	5.22	0.047	182.00	0.14	19.49	48	0.00	
1203	5.50	250	5.28	0.042	28.90	0.00	18.66	52	0.00	
1213	5.50	250	5.20	0.038	24.30	0.00	18.13	62	0.00	
1223	5.50	250	5.20	0.037	15.90	0.00	18.28	63	0.00	
1228	5.50	250	5.20	0.035	12.10	0.00	18.19	66	0.00	
1233	5.50	250	5.21	0.034	12.40	0.00	17.97	66	0.00	
1238	5.50	250	5.20	0.033	12.60	0.00	17.98	67	0.00	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
11:53	12:38	45	2.5	5.20	0.033	12.60	0.00	17.98	67	0.00	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:	
Ferrous Iron Kit 0-10 mg/L 1.5 mg/L	
Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-43-080222	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/02/22
MS/MSD Collected: No	Sample Time: 11:50

WELL INFORMATION:	
Well ID : GSP-MW-43	Purge Date: 08/02/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 7.60
Top of Screen (ft-BTOR): 9.88	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 19.88	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 19.88	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
11:00	7.60	300	4.35	0.172	15.20	0.81	21.10	315	0.01	
11:05	8.00	200	4.35	0.174	11.10	0.35	21.05	318	0.01	
11:10	8.35	150	4.36	0.176	8.15	0.13	20.90	320	0.01	
11:20	8.31	150	4.38	0.178	5.11	0.11	20.20	319	0.01	
11:30	8.31	150	4.51	0.179	5.17	0.08	19.72	298	0.01	
11:35	8.31	150	4.53	0.179	5.15	0.08	19.56	295	0.01	
11:40	8.31	150	4.53	0.179	5.20	0.07	19.51	294	0.01	
11:45	8.31	150	4.57	0.179	5.22	0.07	19.47	290	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
11:00	11:45	45	2.0	4.57	0.179	5.22	0.07	19.47	290	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate,Nitrite	9056A,28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S,Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:	
Ferrous Iron Kit 0-10 mg/L 1.5 mg/L	
Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-44-080222	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/02/22
MS/MSD Collected: Yes	Sample Time: 9:55

WELL INFORMATION:	
Well ID : GSP-MW-44	Purge Date: 08/02/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 7.50
Top of Screen (ft-BTOR): 28.58	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 38.58	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 38.58	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
9:00	7.50	200	6.04	0.112	4.30	2.35	25.11	106	0.01	
9:05	7.90	150	5.77	0.115	11.20	0.49	21.80	53	0.01	
9:10	7.91	150	5.76	0.117	15.70	0.27	20.58	45	0.01	
9:20	7.91	150	5.73	0.118	12.10	0.14	19.59	39	0.01	
9:30	7.91	150	5.70	0.119	10.50	0.03	19.14	39	0.01	
9:35	7.91	150	5.59	0.118	10.00	0.01	19.07	44	0.01	
9:40	7.91	150	5.45	0.117	9.95	0.00	18.72	49	0.01	
9:45	7.91	150	5.43	0.116	9.91	0.00	19.04	52	0.01	
9:50	7.91	150	5.45	0.116	9.93	0.00	19.10	52	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
9:00	9:50	50	2.2	5.45	0.116	9.93	0.00	19.10	52	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	9	40 mL	glass vial	Yes
MEE	RSK-175	HCl	9	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	3	60 mL	poly	Yes
Diss Doc	9060	H2so4	6	40 mL	glass vial	Yes
Alkalinity	2320B	None	3	60 mL	poly	Yes
S, Total Phosphate	2540	None	3	500 mL	poly	Yes
PP Metals	6010C	HNO3	3	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	3	250 mL	Amber	Yes
Ammonia	350.1	H2so4	3	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 2.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-45I-080222	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/02/22
MS/MSD Collected: No	Sample Time: 14:37

WELL INFORMATION:	
Well ID : GSP-MW-45I	Purge Date: 08/02/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 7.75
Top of Screen (ft-BTOR): 49.11	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 59.11	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 59.11	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
13:47	7.75	300	6.65	0.142	12.80	2.55	26.53	-8	0.01	
13:52	7.80	250	6.91	0.143	8.30	0.13	22.76	-69	0.01	
13:57	7.80	250	7.03	0.145	5.30	0.01	21.34	-95	0.01	
14:07	7.80	250	6.97	0.145	5.50	0.00	20.45	-105	0.01	
14:17	7.80	250	6.84	0.144	5.60	0.00	20.84	-106	0.01	
14:22	7.80	250	6.93	0.140	5.70	0.00	21.19	-117	0.01	
14:27	7.80	250	6.95	0.139	5.75	0.00	21.27	-117	0.01	
14:32	7.80	250	6.93	0.138	5.80	0.00	21.14	-112	0.01	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
13:47	14:32	45	2.5	6.93	0.138	5.80	0.00	21.14	-112	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
Diss Doc	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:	
Ferrous Iron Kit 0-10 mg/L 2.0 mg/L	
Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-46I-080422	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 08/04/22
MS/MSD Collected: No	Sample Time: 1535

WELL INFORMATION:	
Well ID : GSP-MW-46I	Purge Date: 08/04/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 5.30
Top of Screen (ft-BTOR): 45	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR): 55	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 37.62 (filled with sand)	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: () Good (X) Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Comments
1400	5.30	300	5.78	0.066	63.49	0.09	22.95	2	0.00	
1405	6.20	200	6.08	0.066	43.40	0.16	21.81	-49	0.00	
1410	7.40	150	6.15	0.066	44.00	0.11	22.08	-64	0.00	
1420	7.90	150	6.17	0.065	150.00	0.03	22.59	-82	0.00	
1430	8.03	150	6.65	0.071	365.10	0.00	23.64	-105	0.00	
1440	8.06	150	6.71	0.080	676.90	0.00	23.84	-135	0.00	
1450	8.06	150	6.78	0.082	805.40	0.00	24.00	-142	0.00	
1500	8.06	150	6.81	0.083	>999	0.00	24.26	-158	0.00	
1510	8.06	150	6.84	0.087	>999	0.00	24.33	-153	0.00	
1520	8.06	150	6.87	0.087	>999	0.00	24.55	-155	0.00	
1530	8.06	150	6.82	0.087	>999	0.00	24.11	-161	0.00	

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
1400	1530	90	3.5	6.82	0.087	>999	0.00	24.11	-161	0.00	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
VOCs + Tic	8260C	HCl	3	40 mL	glass vial	Yes
MEE	RSK-175	HCl	3	40 mL	glass vial	Yes
Nitrate, Nitrite	9056A, 28D	None	1	60 mL	poly	Yes
DOC	9060	H2so4	2	40 mL	glass vial	Yes
Alkalinity	2320B	None	1	60 mL	poly	Yes
S, Total Phosphate	2540	None	1	500 mL	poly	Yes
PP Metals	6010C	HNO3	1	500 mL	poly	Yes
PREC-HAA	552.2	Ammonia	1	250 mL	Amber	Yes
Ammonia	350.1	H2so4	1	250 mL	Amber	Yes

OBSERVATIONS / NOTES:
 Ferrous Iron Kit 0-10 mg/L 2.0 mg/L

Duplicate information:	Signature(s):
None	Walt.Pryor

GROUNDWATER SAMPLE LOG SHEET



Event: TCE Groundwater Investigation
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-28-111722	Sampled By: WGD
QA/QC Duplicate ID: NA	Sample Date: 11/17/22
MS/MSD Collected: NA	Sample Time: 0955

WELL INFORMATION:	
Well ID : MW-28	Sample Depth: 2" above bottom
Well Diameter (in): 2	Static WL (ft-BTOR): 6.97
Top of Screen (ft-BTOR):	PID Monitor Reading: NA
Bottom of Screen (ft-BTOR):	Purge Method: Low Flow (Peristaltic Pump)
Total Well Depth (ft-BTOR): 24.55	Sample Method: Low Flow (Peristaltic Pump)

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U52	Pump Controller: Geopump Peristaltic
Turbidity Meter: Hach 2100Q	

PURGE DATA:											
Time (Hrs)	H ₂ O Level (ft-BTOR)	Flow mL / min.	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Other
0905	7.11	200	Clear	5.82	0.93	2.03	64.9	11.08	349	0.45	
0910	7.09	200	Clear	5.46	0.847	0.56	96.3	10.83	356	0.41	
0915	7.12	200	Clear	5.18	0.802	0.00	47.3	10.69	357	0.39	
0920	7.13	200	Clear	5.05	0.796	0.00	15.2	10.7	356	0.39	
0925	7.14	200	Clear	4.95	0.791	0.00	8.32	10.58	350	0.38	
0930	7.12	200	Clear	4.92	0.79	0.00	5.05	10.6	350	0.38	
0935	7.14	200	Clear	4.89	0.788	0.00	4.73	10.54	347	0.38	
0940	7.14	200	Clear	4.87	0.78	0.00	2.97	10.69	344	0.38	
0945	7.12	200	Clear	4.88	0.779	0.00	2.78	10.65	334	0.38	
0950	7.11	200	Clear	4.88	0.778	0.00	2.6	10.66	332	0.38	
0955	7.09	200	Clear	4.88	0.781	0.00	1.95	10.54	330	0.38	

STABILIZATION CRITERIA: ± 0.1 3% 10% or <0.5 10% 3% ± 10

FINAL PURGE / SAMPLE DATA:											
Start Purge	End Purge	Total (min.)	Total Vol. (gal. / L.)	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp. (C°)	ORP (mV)	Salinity (ppt)	Other
905	955	50	~3 gal	4.88	0.781	0.00	1.95	10.54	330	0.38	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Number	Vol.	Bottle Type	Collected
TCL VOCs	8260C	HCl	3	40 ml	Glass	yes

OBSERVATIONS / NOTES:

Coordinates:	N	E	Signature(s): Will Deibert
--------------	---	---	---

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-43-111722	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 11/17/22
MS/MSD Collected: Yes	Sample Time: 10:46

WELL INFORMATION:	
Well ID : GSP-MW-43	Purge Date: 11/17/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 5.45
Top of Screen (ft-BTOR):	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR):	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 19.88	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION
Condition of Seal: () None (x) Good () Cracked
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present
Inner Casing: (x) PVC () Steel () None
Condition: (x) Good () Cracked/Broken

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (%)	Comments
9:51	5.45	300	4.5	0.241	7.30	0.08	14.33	117	0.01	
9:56	5.95	250	3.93	0.241	3.50	0.00	14.41	165	0.01	
10:01	6.10	200	3.86	0.239	3.40	0.00	14.58	179	0.01	
10:11	6.15	150	3.92	0.237	3.00	0.00	14.85	194	0.01	
10:21	6.15	150	4.09	0.236	2.20	0.00	15.09	191	0.01	
10:26	6.15	150	4.21	0.238	2.00	0.00	15.14	190	0.01	
10:31	6.15	150	4.33	0.238	1.60	0.00	15.19	188	0.01	
10:36	6.15	150	4.36	0.238	1.65	0.00	15.21	189	0.01	
10:41	6.15	150	4.39	0.238	1.60	0.00	15.12	189	0.01	

FINAL PURGE / SAMPLE DATA:										
Will Deibert										
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (%)
9:51	10:41	50	2.5	4.39	0.238	1.60	0.0	15.12	189	0.01

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
Vocs	8260C	HCl	9	40 mL	glass vials	Yes

OBSERVATIONS / NOTES:	
NAA Parameter (if applicable) Ferrous Iron Kit: N/A	
Duplicate information:	Signature(s):
None	<i>Walt Pryor</i>

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-44-111722	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 11/17/22
MS/MSD Collected: No	Sample Time: 9:40

WELL INFORMATION:	
Well ID : GSP-MW-44-111722	Purge Date: 11/17/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 6.41
Top of Screen (ft-BTOR):	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR):	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR): 38.58	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (%)	Comments
8:50	6.41	300	4.59	0.239	31.60	7.06	15.40	92	0.01	
8:55	7.00	200	5.36	0.202	16.50	0.47	15.14	13	0.01	
9:00	6.65	150	5.56	0.196	9.60	0.00	14.72	0	0.01	
9:10	6.65	100	5.53	0.191	8.20	0.00	13.92	-8	0.01	
9:20	6.65	100	5.48	0.188	6.80	0.00	13.37	-10	0.01	
9:25	6.65	100	5.46	0.187	6.85	0.00	12.91	-10	0.01	
9:30	6.65	100	5.46	0.188	6.96	0.00	13.07	-11	0.01	
9:35	6.65	100	5.46	0.189	6.93	0.00	13.16	-13	0.01	

FINAL PURGE / SAMPLE DATA:											Will Deibert
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (ppt)	
8:50	9:35	45	1.5	5.46	0.189	6.93	0.0	13.16	-13	0.01	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
Vocs	8260C	HCL	3	40ML	Glass	Yes

OBSERVATIONS / NOTES:	
NAA Parameter (if applicable) Ferrous Iron Kit: N/A	
Duplicate information:	Signature(s):
None	<i>Walt Pryor</i>

GROUNDWATER SAMPLE LOG SHEET



Tetra Tech, Inc.

Event: GSP TCE 2022
 Project Site Name: Greater Strawberry Point
 Project No.: 112IC09076

Sample ID: GSP-MW-45I-111722	Sampled By: WP
QA/QC Duplicate ID: No	Sample Date: 11/17/22
MS/MSD Collected: No	Sample Time: 13:20

WELL INFORMATION:	
Well ID : GSP-MW-45I	Purge Date: 11/17/22
Well Diameter (in): 2"	Static Water Level (ft-BTOR): 6.67
Top of Screen (ft-BTOR):	PID Monitor Reading: N/A
Bottom of Screen (ft-BTOR):	Purge Method: Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR):	Sample Method: Low Flow - Direct Fill

MONITORING WELL INSPECTION	
Condition of Seal: () None (x) Good () Cracked	
Condition of Protective Casing: (x) Good () Damaged () Loose () None Present	
Inner Casing: (x) PVC () Steel () None	
Condition: (x) Good () Cracked/Broken	

EQUIPMENT INFORMATION:	
Water Quality Instrument: Horiba U-52	Pump Controller: Geopump II Peristaltic Pump
Turbidity Meter: LaMotte 2020e	

PURGE DATA:										
Time (Hrs)	Water Level (ft. below TOC)	Flow mL / min.	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (%)	Comments
12:30	6.67	300	5.85	0.137	4.50	0.17	14.71	36	0.01	
12:35	6.67	150	5.95	0.104	3.60	0.00	14.66	21	0.00	
12:40	6.67	150	5.91	0.088	3.20	0.00	14.80	13	0.00	
12:50	6.67	150	5.92	0.075	4.02	0.00	14.89	5	0.00	
13:00	6.67	150	5.91	0.070	2.50	0.00	14.92	2	0.00	
13:05	6.67	150	5.91	0.069	2.30	0.00	14.91	-1	0.00	
13:10	6.67	150	5.95	0.071	2.35	0.00	14.81	-3	0.00	
13:15	6.67	150	5.96	0.072	2.30	0.00	14.75	-5	0.00	

FINAL PURGE / SAMPLE DATA:											Will Deibert
Start Purge	End Purge	Total (min.)	Total Vol. (gal.)	pH (S.U.)	S.C. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (C°)	ORP (mV)	Salinity (%)	
12:30	13:15	45	2.5	5.96	0.072	2.30	0.0	14.75	-5	0.00	

ANALYSIS, PRESERVATION AND BOTTLE REQUIRMENTS						
Analysis	Method	Preservative	Quantity	Vol.	Bottle Type	Collected
Vocs	8260C	HCl	3	40 mL	glass vials	Yes

OBSERVATIONS / NOTES:	
NAA Parameter (if applicable) Ferrous Iron Kit: N/A	
Duplicate information:	Signature(s):
None	<i>Walt Pryor</i>

