SUB-SLAB DEPRESSURIZATION SYSTEM ANNUAL REPORT
2023

Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York
Brownfield Cleanup Agreement # C336031-10-12

February 2024

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1.0 INTRODUCTION

Kleinfelder, Inc. (Kleinfelder), on behalf of Central Hudson Gas & Electric (CHGE), has prepared this Annual Report for the Sub-Slab Depressurization System (SSDS) currently operating at the CHGE Little Britain Road (LBR) Service Center (Site) at 610 Little Britain Road, New Windsor, New York. This Report has been prepared to meet requirements specified in the May 2019 Sub-Slab Depressurization System Evaluation Work Plan prepared by Kleinfelder (Kleinfelder, 2020a). The activities described herein satisfy the requirements of the New York State Department of Health (NYSDOH) *October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006).

This Report documents the ongoing quarterly operation, maintenance, and monitoring (OM&M) activities as well as the annual indoor, outdoor, and sub-slab vapor sampling activities performed at the Site from January 2023 through December 2023. Historical analytical data collected at this Site from March 2020 through January 2022 is referenced in Section 5.3 for comparison to the analytical data collected in the monitoring period of this report.

2.0 SUB-SLAB DEPRESSURIZATION SYSTEM

2.1 HISTORY

The Site is an approximately nine-acre facility located at 610 Little Britain Road in the Town of New Windsor, Orange County, New York (Figure 1). The service center building, which houses offices and truck/service bays, is in the center of the facility. The service center also contains truck, visitor and employee parking areas, and material and equipment storage areas. The facility is serviced by public water and sanitary sewer, natural gas, and electricity.

CHGE purchased the facility in 1977. The previous occupant of the property was J&H Smith Manufacturing Company, which reportedly stored chemicals for manufacturing in the northwestern region of the Site. Due to impacts to soil, groundwater, and soil vapor left prior to CHGE ownership, CHGE entered the New York State Department of Environmental Conservation (NYSDEC)'s Volunteer Cleanup Program (VCP) in August 1999 to address the source of contamination. Upon dissolution of the VCP by the NYSDEC, CHGE entered the Brownfield Cleanup Program (BCP #C336031-10-12) in 2018 to continue to address Site conditions (Kleinfelder, 2020e).

While under the VCP, CHGE proactively installed a SSDS at the facility building in 2008. From 2008 to 2020, the SSDS continued operation and was maintained by CHGE facilities staff. In 2020, several rounds of air sampling were conducted to determine if the continued operation of the SSDS was warranted. Based on the evaluation of four rounds of air samples collected from January 2020 through May 2020, it was determined that continued operation of the SSDS was necessary. In addition, the development and implementation of an Operation, Maintenance and Monitoring (OM&M) Plan was deemed appropriate. The OM&M plan is detailed in the document *Operation and Maintenance Manual for On-Site Sub-Slab Depressurization System* (Kleinfelder, 2020e).

Between November 2020 and January 2021, based on results from a system evaluation, Kleinfelder implemented the following modifications to increase system efficacy and streamline system monitoring and maintenance protocols of the SSDS:

- Extraction well upgrades
- System blower upgrades
- Moisture drain installation
- Telemetry upgrades

A detailed description of the system upgrades is described in the document *Summary of Implemented Sub-Slab Depressurization System Modifications* (Kleinfelder, 2021).

2.2 MAJOR SYSTEM COMPONENTS

Major components of the SSDS are as follows:

- Eight extraction well (EW) locations distributed over three SSDS zones, presented on Figure 2 and labelled Zones 1 through 3.
    - Zone 1 includes EW-3 and EW-4, which are located within the garage and supply room spaces along the northern and eastern portion of the facility.
    - Zone 2 includes EW-2 and EW-6, which are located in the garage spaces along the western portion of the facility.
    - Zone 3 includes EW-1, EW-5, EW-7, and EW-8, which are located in the office portion of the facility.
- Each zone consists of the following components:
    - A regenerative vacuum blower;
    - Polyvinyl chloride (PVC) piping between the EWs and the zone's corresponding blower;
    - An inline sample port at working height at each EW for sample collection and monitoring of performance parameters;
    - Gate valves in the piping for each EW for flow adjustment and isolation;
    - A low vacuum switch connected to the blower inlet piping that is interlocked with the SSDS telemetry system;
    - Steel vent piping from the blower exhaust to above the elevation of the main roofline elevation to vent the sub-slab soil gas to the atmosphere; and
    - A sample port and temperature gauge on the blower exhaust piping.
- A main control panel is located in the maintenance hallway (also known as the side bay area of the facility). The panel includes start and stop buttons for each vacuum blower and run lights for each blower that are illuminated unless the unit becomes inoperable due to an equipment malfunction or a power outage.
- A housing for the SSDS low vacuum switches is mounted next to the main control panel and equipped with a screen that depicts the operational and alarm statuses of the three vacuum blowers.
- A telemetry system provides email notification to CHGE and Kleinfelder personnel when a low vacuum condition or power failure occurs.

2.3 REMEDIAL OPERATIONAL GOALS, OBJECTIVES, AND EFFICACY

The SSDS operational goal, as recommended in the Operation and Maintenance Manual (Kleinfelder, 2020e), is to reduce the potential for sub-slab soil vapor intrusion (SVI) into the indoor air of the Site building. The system operational objectives are as follows:

1. Maintain and operate the system continuously without significant downtime.
2. Demonstrate SSDS effectiveness through annual sampling.

To achieve the first objective, quarterly OM&M activities were performed during the period from January 2023 to December 2023. Continuous monitoring of system operational status through the telemetry system was also completed, with timely blower or SSDS restarts performed in response to system shutdown notifications. The details of the OM&M activities are outlined in Section 3.0, and the runtime performance of the SSDS from January 1, 2023 through December 31, 2023 achieved through OM&M activities is presented in Section 5.1.

To achieve the second objective, annual sampling of soil vapor at EWs and blowers, as well as ambient air sampling was conducted at both indoor and outdoor locations. Figure 2 and Figure 3 illustrate these sampling locations. A detailed explanation of the sampling process is presented in Section 4.0, and the analytical results of the sampling are presented in Section 5.3.

3.0 OPERATION, MAINTENANCE, AND MONITORING ACTIVITIES

3.1 OPERATIONAL SUMMARY

This section discusses operational, routine maintenance, and inspection procedures for the SSDS during the monitoring period covered by this report. The procedures are based on the NYSDOH Guidance (2006) and the OM&M Manual for On-Site SSDS (Kleinfelder, 2020e).

To maintain and operate the SSDS continuously without significant downtime, two primary techniques were used, including 1) a reactive remote monitoring system and 2) proactive quarterly OM&M inspections.

3.2 REMOTE MONITORING AND DOWNTIME RECORD

The upgrades to the telemetry system discussed in Section 2.1 help maximize the on-Site SSDS runtime by monitoring system operations and providing real-time notifications when power failures or non-routine operating conditions exist. The telemetry system continuously monitors and logs the low vacuum pressure and electric power supply to the SSDS. During normal operation, the vacuum levels at the inlet piping to the extraction blowers should not fall below 5 inches of water column (in. WC). This helps ensure that a negative pressure gradient beneath the building slab is maintained. If the vacuum pressure drops below 5 in. WC and/or if the power to the system turns off, a notification email is sent to CHGE and its subcontractors. The nature and extent of a system failure is typically assessed within 24 hours upon receipt of this email.

The total runtime and downtime of the SSDS has been recorded as a continuous log since April 2021 when Kleinfelder began receiving downtime alerts for the SSDS. This report covers the time period from January 1, 2023 through December 31, 2023. A summary of the SSDS downtime during the monitoring period is provided in Appendix A, and SSDS system runtime is presented in further detail in Section 5.1 of this report.

3.3 QUARTERLY ROUTINE SYSTEM INSPECTIONS

In addition to continuous telemetry monitoring, on-Site OM&M inspections were performed on a quarterly basis to ensure proper operation of the SSDS. The four inspections conducted during this monitoring period occurred on January 28, 2023, April 21, 2023, July 31, 2023, and October 30, 2023.

The following was completed by Kleinfelder during each inspection:

- Visual inspection of the equipment and piping;
- Inspection of exhaust points to verify that no new air intakes have been located nearby (i.e., within 10 feet in any direction);
- Identification and subsequent repair of any leaks, if necessary;
- Audible operational status checks of the blowers to verify the blowers' operational performance;
- Draining moisture from lines, if necessary;

    - Notably, no fluid drained from the lines when the drain valves were opened during each quarterly OM&M event in 2023.
    - However, a wet a sucking sound was heard emanating from the valves during attempts to drain the lines. Likely, water in the lines was pulled upward by the vacuum of the active SSDS and was prevented from being drained by gravity
- Recording flow rates and vacuum readings using manometers, pitot tubes, or equivalent manual meters at each EW;
- Recording pressure, temperature, flow rates and vacuum readings using manometers, pitot tubes, or equivalent manual meters at each blower;
- Collecting influent volatile organic compound (VOC) concentration readings using a photoionization detector (PID) at each EW and blower; and,
- Calculating system flow rates based on manual meter readings.

A summary of the vacuum recorded at inline ports before the blowers and their calculated flow rates is presented in Table 1. A summary of the vacuum pressures recorded at the EWs is presented in Table 2.

4.0 ANALYTICAL MONITORING ACTIVITIES

4.1 ANALYTICAL SAMPLING OVERVIEW

To demonstrate the effectiveness of the SSDS, the following Site locations were sampled:

- Indoor ambient (IA) air locations IA-1 through IA-10;
- Outdoor ambient (OA) air locations OA-1 through OA-3;
- SSDS extraction well sample ports at EW-1 through EW-8 to evaluate sub-slab vapor conditions; and
- Sample ports on the discharge side of SSDS blowers 1 through 3 to assess individual SSDS zone recovery and system effluent conditions.

4.2 PRE-SAMPLING CHECKLIST

Prior to conducting sub-surface vapor and ambient air sampling, pre-sampling checklists were completed and are provided in Appendix B.

The first document is a structural questionnaire of the on-Site building, which catalogs the condition of building components including, but not limited to: year built, wall construction, heating systems, hot water systems, and furniture.

The second document is an inventory of products stored inside the on-Site building, as divided into six distinct areas: the maintenance bays near IA-6, the vehicle maintenance garage near IA-9, the vehicle maintenance garage by IA-2, the vehicle maintenance garage near IA-3, the product storage room near IA-4, and the office space/conference room. The product(s) cataloged include any substance capable of emitting VOCs which have the potential to contaminate air sampling conducted in the vicinity. The product checklist catalogs observations such as quantity and condition of product containers, product ingredients, and PID reading of the product.

The third document is a photographic log of the Site's product inventory and the sampling locations.

4.3 SAMPLING PROTOCOL

All air sampling was conducted using Summa™ canisters of 6-liter capacity fitted with flow restrictors calibrated to collect each sample over an 8-hour period. Each Summa™ canister had an initial vacuum of at least 25 inches of mercury. The Summa™ canisters and flow regulators used were certified as 100 percent clean by the supplying laboratory.

The IA, OA, EW, and blower samples were all collected simultaneously. Sub-slab vapor samples were collected by withdrawing soil vapor from the EW ports via Teflon tubing into a Summa™ canister. At each IA sampling location, the Summa™ canister was set at a height of approximately 3 feet to 5 feet above the floor level (to the extent practicable) to collect samples representative of the breathing zone. At each OA location, the Summa™ canister was set on various objects to place them at approximately chest height to collect samples representative of the outdoor air. Blower samples were collected into the Summa™ canisters by withdrawing vapor using Teflon

tubing from sample ports located immediately upstream of the blowers. Four field duplicate samples were collected using a “T” fitting, one for each sample stream (i.e., EW, IA, OA, and blower) for data quality validation and evaluation purposes.

The samples were analyzed by Eurofins TestAmerica (Eurofins) of Burlington, Vermont, which is a NYSDOH Environmental Laboratory Accreditation Program (ELAP) laboratory. All air samples were analyzed per US Environmental Protection Agency (USEPA) “Method TO-15” for VOCs [including *cis*-1,2-Dichloroethylene (*cis*-1,2-DCE), Trichlorethylene (TCE), and vinyl chloride].

All indoor air and soil vapor sampling locations are illustrated in Figure 2 and Figure 3. The laboratory analytical results of the sampling event are available in Appendix C.

5.0 SSDS OPERATIONAL PERFORMANCE RESULTS

The following subsections summarize the overall performance of the SSDS as determined by 1) its continuous operation and 2) its remedial effectiveness as determined by the analytical sampling results compared against NYSDOH decision matrices.

5.1 SSDS CONTINUOUS OPERATION

The SSDS operated continuously during the reporting period except for the limited-duration downtime events summarized on the table provided in Appendix A. The total downtime recorded between January 1, 2023 and December 31, 2023 was approximately 125.51 hours for blower 1, 131.68 hours for blower 2, and 170.91 hours for blower 3. This equates to runtime percentages of 99%, 98%, and 98% for SSDS Zones 1, 2 and 3, respectively. In instances where one or more blowers were offline the system is considered not fully operational. The total runtime of the SSDS is expressed as a percentage that is calculated as the total hours in a period minus the total hours in which one or more blowers were offline, all divided by the total hours in a period. During the time period that the system has been actively monitored, the total runtime percentage for the SSDS was 98% and the downtime percentage was 2%.

5.2 DEFINITIONS OF RECOMMENDED ACTIONS

The air sampling activities described in Section 4 provided analytical results (i.e., concentrations of particular analytes in both sub-slab and ambient air conditions) that trigger what the NYSDOH defines as “recommended guidance actions”. The following terms used throughout this section of the report are from the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York:

IDENTIFY SOURCE:

“We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.”

MONITOR*:*

“We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/ or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site -, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposure related to soil vapor intrusion until contaminated environmental media are remediated. “

MITIGATE:

"We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated."

5.3 ANNUAL SAMPLING ANALYTICAL RESULTS

The analytical results of the samples collected from March 21, 2020 until this sampling period of January 28, 2023 for indoor air, sub-slab vapor, and outdoor air locations are presented in Table 3, Table 4, and Table 5, respectively. The historical data is included in both tables for comparison.

Analytical results from the IA and EW samples were compared to the NYSDOH Soil Vapor/Indoor Air Decision Matrices A, B, and C, as outlined in the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, revised May 2017. These matrices focus on eight key compounds included within the analyte list of USEPA Method TO-15:

- Matrix A provides screening values for TCE, *cis*-1,2 DCE, 1,1-DCE, and carbon tetrachloride;
- Matrix B provides screening values for tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), and methylene chloride; and
- Matrix C provides screening values for vinyl chloride.

These screening matrices are provided on the following page. The complete NYSDOH Decision Matrices document is provided in Appendix D.

The analytical results from the IA and EW samples were also compared to the USEPA Regional Screening Levels for industrial air (RSLIA) criteria in **Tables 3** and **Table 4**, respectively. Outdoor air sample concentrations were compared against to USEPA RSLIA criteria only (**Table 5**).

NYSDOH Soil Vapor/Indoor Air Decision Matrix A
(for TCE, *cis*-1,2 DCE, 1,1-DCE, and carbon tetrachloride only)

Sub-slab Vapor Concentration of Compound (µg/m³)	***Indoor Air Concentration of Compound (µg/m³)***		
	< 0.2	**0.2 to < 1**	**1 and above**
< 6	No Further Action	No Further Action	IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	No Further Action	MONITOR	MITIGATE
60 and above	MITIGATE	MITIGATE	MITIGATE

µg/m^3: micrograms per cubic meter

NYSDOH Soil Vapor/Indoor Air Decision Matrix B
(for PCE, 1,1,1-TCA, and methylene chloride only)

Sub-slab Vapor Concentration of Compound (µg/m³)	***Indoor Air Concentration of Compound (µg/m³)***		
	< 3	**3 to < 10**	**10 and above**
< 100	No Further Action	No Further Action	IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	No Further Action	MONITOR	MITIGATE
1,000 and above	MITIGATE	MITIGATE	MITIGATE

µg/m^3: micrograms per cubic meter

NYSDOH Soil Vapor/Indoor Air Decision Matrix C
(for vinyl chloride only)

Sub-slab Vapor Concentration of Compound (µg/m³)	***Indoor Air Concentration of Compound (µg/m³)***	
	< 0.2	**0.2 and above**
< 6	No Further Action	IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	MONITOR	MITIGATE
60 and above	MITIGATE	MITIGATE

µg/m^3: micrograms per cubic meter

Table A below summarizes the recommended NYSDOH actions, as described in Section 5.2**,** for sampling locations with applicable concentrations of TCE, and carbon tetrachloride for the sampling period of January 28, 2023.

Table A. Recommended NYSDOH Action for Applicable Analytes from Matrix A

Recommended Actions for Applicable Analytes from Matrix A collected on January 28, 2023				
	Trichloroethylene		**Carbon tetrachloride**	
Sample ID	**Results (µg/m³)**	**Recommended Action**	**Results (µg/m³)**	**Recommended Action**
IA-1 EW-1	ND<0.19 1.4	No Further Action	**0.28** 0.43	No Further Action
IA-2 EW-2	**0.2** 4.1	No Further Action	**0.32** **3.2**	No Further Action
IA-3 EW-3	0.14 J **6.4**	No Further Action	**0.25** 0.36	No Further Action
IA-4 EW-4	ND<0.19 4.3	No Further Action	**0.22** 0.33	No Further Action
IA-5 EW-5	ND<0.19 **9.7**	No Further Action	**0.30** *0.58*	No Further Action
IA-5D EW-5D	ND <1.4 **8.4**	No Further Action	**0.30** 0.43	No Further Action
IA-6 EW-6	**0.37** 1.3	No Further Action	**0.32** 0.62	No Further Action
IA-7 EW-7	ND<0.19 1.3	No Further Action	0.18 J 0.44	No Further Action
IA-8 EW-8	ND<0.19 0.75	No Further Action	**0.36** 0.40	No Further Action
IA-9 EW-6	0.18 J 1.3	No Further Action	**0.31** 0.62	No Further Action
IA-10 EW-1	ND<1.4 1.4	No Further Action	**0.31** 0.43	No Further Action

ND: Non-Detect
NS: Not Sampled
<0.XX: Value listed is the laboratory reporting limit.
µg/m³: micrograms per cubic meter
D: Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Bold typeface indicates exceedance of NYSDOH Screening Levels.
Italicized values indicate a laboratory detection limit is above NYSDOH Screening Levels.

Of the compounds assessed by NYSDOH Matrix A, two compounds from the January 28, 2023 sampling event were present in concentrations above NYSDOH guidelines for indoor air (as represented by the IA sampling locations) and/or sub-slab soil vapor (represented by the EW sampling locations): TCE, and carbon tetrachloride. There were no cis-1,2 DCE concentrations that exceeded the NYSDOH sub-slab or indoor air criteria.

Carbon tetrachloride concentrations exceeded NYSDOH indoor air criteria at sampling locations IA-1, IA-2, IA-3, IA-4, IA-5, IA-6, IA-8, IA-9, and IA-10, and NYSDOH sub-slab criteria at sampling location EW-2. The carbon tetrachloride concentrations in the respective sub-slab locations paired with each of these ambient air locations were not detected in concentrations high enough to trigger an action according to the NYSDOH Soil Vapor/Indoor Air Decision Matrix A. In the instances, in which the indoor air sampling locations were not paired with associated sub-slabs locations such as IA-9 and IA-10, the nearest extraction well was used for the sub-slab concentration portion of the decision matrix. IA-9 was compared to EW-6 and IA-10 was compared to EW-1. Please refer to **Figure 2.**

Notably, concentrations of carbon tetrachloride in the outdoor air samples (0.26 to 0.35 ug/m^3) are comparable to the concentrations in the indoor air samples that were above the NYSDOH Soil Vapor/Indoor Air screening guidelines. The outdoor air samples are not subject to the NYSDOH Soil Vapor/Indoor Air regulatory criteria and therefore do not trigger application of the decision matrices.

Over the last seven sampling events, the concentrations of carbon tetrachloride demonstrate no significant trend of increasing or decreasing. As of the latest sampling event, no further action is necessary for concentrations of carbon tetrachloride.

TCE concentrations exceeded NYSDOH indoor air criteria at sampling locations IA-2 and IA-6. TCE concentrations exceeded NYSDOH sub-slab criteria at sampling locations EW-3, EW-5 and EW-5D. According to Matrix A, concentrations of TCE triggered actions (like Monitor or Mitigate) in years past.

Table B summarizes the recommended NYSDOH actions for sampling locations with only applicable concentrations of TCE (from Matrix A) from March 21, 2020 to January 28, 2023. Table B demonstrates a decreasing trend in concentrations of TCE across all sampling locations since 2020. As of the latest sampling event, no further action is necessary for concentrations of TCE.

Table B. Recommended NYSDOH Action for TCE – March 2020 to January 2023

Recommended Actions for TCE from Matrix A - March, 2020 to February, 2022										
	March 21, 2020		**May 31, 2020**		**January 16, 2021**		**February 19, 2022**		**January 28, 2023**	
Sample ID	**Results (µg/m³)**	**Rec. Action**	**Results (µg/m³)**	**Rec. Action**	**Results (µg/m³)**	**Rec. Action**	**Results (µg/m³)**	**Rec. Action**	**Results (µg/m³)**	**Rec. Action**
IA-1	ND <0.20	No Further Action	ND <0.20	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action
EW-1	ND <0.20		**17⁺**		ND <0.19		4.9		1.4	
IA-2	ND <0.20	Mitigate	ND <0.20	Mitigate	**0.20**	No Further Action	**0.31**	No Further Action	**0.20**	No Further Action
EW-2	**135***		**65***		0.84		0.62		4.1	
IA-3	**0.23**	Mitigate	**0.79**	No Further Action	ND <0.19	Mitigate	**0.42**	Monitor	0.14 J	No Further Action
EW-3	**128***		1.42⁺		**95**		**26**		**6.4**	
IA-4	**0.54**	Monitor	**0.51**	Monitor	ND <0.19	Monitor	**0.66**	Monitor	ND <0.19	No Further Action
EW-4	**32.1***		**50.4⁺**		**47**		**35**		4.3	
IA-5	ND <0.20	No Further Action	ND <0.20	No Further Action	ND <0.19	Monitor	ND <0.19	No Further Action	ND <0.19	No Further Action
EW-5	**41.6***		**40.5⁺**		**29**		**18**		**9.7**	
IA-6	**3.22**	Mitigate	**4.82**	Mitigate	**0.59**	Monitor	ND <0.19	No Further Action	0.37	No Further Action
EW-6	**10.7***		**35***		**15**		0.46		1.3	
IA-7	ND <0.20	No Further Action	ND <0.20	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action
EW-7	ND <0.20		2.03		3.2		2.4		1.3	
IA-8	**0.35**	No Further Action	ND <0.20	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action	ND <0.19	No Further Action
EW-8	ND <0.20		0.39		0.19		0.19		0.75	

ND: Non-Detect.
<0.XX: Value listed is the laboratory reporting limit.
µg/m³: micrograms per cubic meter.
*: Results of the discrete grab samples collected during the March 21 and May 31, 2020 sampling events.
⁺: Results of the 1-hour regulator samples collected during the May 31, 2020 sampling event**.**
Bold typeface indicates exceedance of NYSDOH Screening Levels.

The concentration of every analyte detected in an indoor air location was less than the corresponding analyte concentration in the paired sub-slab sampling location during the January 28, 2023 sampling event. The non-paired indoor air sampling locations IA-9 and IA-10 had concentrations of analytes from the NYSDOH Decision Matrices that were within an order of magnitude of concentrations measured at all other indoor air sampling locations.

Air samples were collected from each blower (Blower 1, Blower 2 and Blower 3). These samples were not compared to the applicable NYSDOH Air Decision Matrices since they are composite samples and are not representative of location-specific soil vapor conditions. The blower samples were collected to further evaluate the effectiveness of the SSDS and assist with system optimization.

No samples contained concentrations of the compounds from NYSDOH Matrix B or Matrix C that were high enough to trigger an action response. No outdoor air sample contained analyte concentrations that exceeded the USEPA RLSIA criteria.

Table C compares analytical results from the IA samples collected from March 2020 to January

2023 to the USEPA RSLIA as they apply to composite worker industrial air quality. These screening levels are calculated by the USEPA to assess the target cancer risk (TR) and noncancer hazard index (HI) for a worker exposed to an ambient concentration for a standard 8-hour workday. Four compounds, including benzene, ethylbenzene, 1,2-Dichloroethane, and trichloroethylene, were detected in one or more samples collected during one or more of the six sampling events at concentrations which exceed the USEPA RSLIA criteria when compared to the RSL Composite Worker Air Table (TR=1E-06, HQ=1.0). Only benzene was detected above the USAEPA RSLIA criteria during this monitoring period. These exceedances are summarized in the following Table C:

Table C. USEPA Regional Risk Screening Level Summary

	March 7, 2020	March 21, 2020	May 31, 2020	January 16, 2021	February 19, 2022	January 28, 2023
Benzene (µg/m³) (USEPA RSLIA: 1.6 µg/m³)	IA-2 (0.68) IA-3 (1.4) **IA-6 (3.5)** **IA-9 (3.4)**	IA-2 (<1.00) IA-3 (1.54) **IA-6 (1.78)** **IA-9 (2.81)**	IA-2 (<1.00) **IA-3 (4.88 J)** **IA-6 (2.41 J)** IA-9 (ND <1.0)	IA-2 (1.5) **IA-3 (2.0)** IA-6 (0.43 J) **IA-9 (2.7)**	**IA-2 (1.6)** IA-3 (1.3) IA-6 (0.51 J) **IA-9 (1.8)**	**IA-2 (2.4)** IA-3 (1.2) IA-6 (0.89) **IA-9 (2.0)**
Ethylbenzene (µg/m³) (USEPA RSLIA: 4.9 µg/m³)	**IA-6 (12)**	**IA-6 (8.98)**	**IA-6 (12.9)**	IA-6 (1.0)	IA-6 (ND <0.87)	IA-6 (1.1)
1,2-Dichloroethane (µg/m³) (USEPA RSLIA: 0.47 µg/m³)	**IA-4 (0.57 J)**	**IA-4 (1.34)**	IA-4 *(ND <1.0)*	IA-4 *(ND <0.81)*	IA-4 (*ND <0.81)*	IA-4 *(ND <0.81)*
Trichloroethylene (µg/m³) (USEPA RSLIA: 3.0 µg/m³)	**IA-6 (3.6)**	**IA-6 (3.22)**	**IA-6 (4.82)**	IA-6 (0.59)	IA-6 (ND <0.19)	IA-6 (0.37)

ND: Non-Detect.
J: Indicates an estimated value.
µg/m³: micrograms per cubic meter.
Bold typeface indicates exceedance of USEPA RSLIA criteria.
Italicized values indicate a laboratory detection limit is above USEPA Regional Screening Levels.

Benzene was observed at concentrations above reporting limits in two indoor air locations (IA-2 and IA-9) during the most recent sampling event. Benzene is often attributed to fuel sources or vehicle exhaust present in the garages where these two samples were collected, and the VOC-producing items documented in Appendix B cannot be eliminated as potential contributors to the benzene concentrations sampled at either of these locations during the most recent sampling event.

Like the concentrations of carbon tetrachloride, concentrations of benzene are present in the outdoor air locations (0.3 to 1.4 ug/m³), though they are below NYSDOH guideline values.

5.4 ANNUAL SAMPLING ANALYTICAL SUMMARY

The SSDS continues to be protective of indoor air quality according to the following lines of

evidence:

- The 2023 sampling data demonstrates that concentrations of carbon tetrachloride and TCE in both indoor air and sub-slab samples are high enough to require comparing them to NYSDOH Soil Vapor/Indoor Air Decision Matrices, however, they are not high enough to trigger either a monitor or mitigation action; therefore, no further action is recommended.
- Concentrations of air quality parameters exceeding USEPA RSLIA were limited to benzene in two locations.
- Three lines of evidence suggest that the concentrations of compounds detected above regulatory guidelines do not likely originate from sub-slab sources:
    - In the last sampling event, concentrations of benzene, TCE, and carbon tetrachloride from the indoor air sampling locations are within an order of magnitude to the concentrations of their partnered sub-slab air sampling locations. This is much higher than the EPA-recommended attenuation factor of 0.03 (NYSDOH, 2006, 2017) used to account for the decrease in concentration that would be expected as compounds from a sub-slab source migrated to an indoor air environment.
    - Concentrations of benzene and carbon tetrachloride are found in detectable concentrations from the outdoor air samples collected the site.
    - These compounds are generally associated with the current use of the property and chemicals stored and used on-site.
        - Benzene is found in liquid gasoline and in vehicle exhaust (US EPA, 2016).
        - TCE is found in solvents used for metal cleaning and degreasing (US EPA, 2001).
        - Carbon tetrachloride is found in solvents used for cleaning machinery and electrical equipment (US EPA, 2005).

6.0 2023 GOALS AND RECOMMENDATIONS

The information presented in this report indicates that the SSDS has generally operated as designed, with minor, short-duration exceptions based on telemetry logs of downtime and routine system maintenance. These temporary exceptions are not considered indicative of inadequate system vacuum or increased vapor intrusion risks.

Continued operation, maintenance, and monitoring activities will be implemented throughout 2024 and are described in the sections below.

6.1 GOALS

The 2024 SSDS remedial and operational goal remains unchanged from that noted in Section 2.3. The SSDS operation will continue to be monitored via the data received from the telemetry system, quarterly visual inspections, annual air and soil vapor testing, and prompt response to alarms.

The operational data to be collected includes:

- Quarterly system physical inspection and required OM&M to maintain proper operation (e.g., draining of condensate) and quarterly monitoring of flow, vacuum pressure, and temperature data to verify the performance of the system;
- Vapor samples at each EW and blower/effluent location and ambient indoor and outdoor air samples collected annually to monitor system performance and assess system efficacy; and
- Continuous, 24-hour monitoring of vacuum pressure at the blower influent piping via logging micromanometers to verify the system performance goal of maintaining a continuous vacuum beneath the building slab.

6.2 RECOMMENDATIONS

Our review and analysis of SSDS monitoring data for the 2023 reporting period indicates that the system is successful at mitigating sub-slab impacts and protecting indoor air quality except for the trend of increasing benzene concentrations at IA-2. Recommendations for the next reporting period (January 2024 to December 2024) include:

- Continue operation and optimization of the SSDS;
- Continue system performance and effluent sampling;
- Continue preventive maintenance to maintain system reliability;
- Update the OM&M Plan as needed to include any system modifications, which none are planned for at this time;
- Perform a round of annual sampling with the SSDS turned off to assess the effects of the system without vacuum;
- Drain water from moisture collection points at EW-2 and EW-6 with the SSDS turned off to allow proper gravity-driven drainage; and

- Continue to inspect for and document any potential leaks in the SSDS, particularly the cement slab and/or extraction well pipe, using visual and auditory means.

7.0 LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the Client and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk.

8.0 REFERENCES

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TABLES

Table 1
Sub-Slab Depressurization System Operating Parameters
CHGE Little Britain Road Service Station
610 Little Britain Road
New Windsor, New York

Date	Blower 1 Applied Vacuum (" H_2O)	Blower 2 Applied Vacuum (" H_2O)	Blower 3 Applied Vacuum (" H_2O)	Blower 1 Flow Rate (SCFM)	Blower 2 Flow Rate (SCFM)	Blower 3 Flow Rate (SCFM)
10/21/2020	-4.38	-66.7	-4.1	120.5	110.8	112.7
1/18/2021	-2.12	-4.52	-2.51	130.7	129.9	130.5
4/14/2021	-9.77	-12.38	-9	210.2	73.3	128.7
7/15/2021	-39.9	-58.7	-33.1	47.1	45.9	41.1
10/19/2021	-36	-30	-31	71.0	39.0	62.4
1/28/2022	NM	NM	NM	NM	NM	NM
2/19/2022	-39.3	-63.6	NM	52.7	26.5	NM
4/20/2022	-37.2	-58.4	-34.6	65.7	49.5	64.3
7/26/2022	-38.0	-55.9	-34.5	105.8	49.7	99
10/13/2022	-38.2	-54.3	-36.1	74.5	87.7	107.1
2/15/2023	-37.6	-54.4	-35.1	95.7	61.3	97.8
4/21/2023	-38.2	-59.2	-34.7	90.4	55.5	92.5
7/31/2023	-38.4	-55.1	NM	92.0	56.1	NM
10/30/2023	NM	NM	NM	NM	NM	NM

Notes:

" H_2O = Inches of Water Column
SCFM = Standard Cubic Feet per Minute
VOC = Volatile Organic Compound
MU = Meter Units

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Table 2
Sub-Slab Depressurization System - Observed Vacuum at Extraction Wells
CHGE Little Britain Road Service Station
610 Little Britain Road
New Windsor, New York

	Observed Vacuum at Extraction Wells (" H_2O)							
Date	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
10/21/2020	-10.3	-38.2	-21.6	-20.6	-27.4	-46.2	-12.5	-3.6
1/18/2021	-11.4	-39.3	-18.3	-19.8	-2.0	-40.0	-11.9	-3.4
4/14/2021	-8.7	-21.2	-15.1	-18.7	-8.7	-10.6	-11.0	-3.8
7/15/2021	-9.7	-38.6	-23.9	-20.3	-26.9	-44.0	-12.2	-3.4
10/19/2021	-3.6	-14.6	-21.1	-21.9	-1.0	-1.6	-11.0	-3.5
1/28/2022	-9.3	-48.8	-20.1	-20.0	-27.4	-49.1	NM	-2.7
4/20/2022	-9.5	-45.1	-15.4	-20.7	-25.0	-46.4	-12.0	-3.5
7/25/2022	-10.0	-37.1	-21.4	-21.0	-26.4	-39.5	-11.8	-3.8
10/13/2022	-9.6	-34.7	-21.5	-20.7	-22.4	-37.9	-11.4	-4.0
1/28/2022	-9.3	-48.4	-20.1	-20.0	-27.4	-49.1	NM	-2.7
2/19/2022	-9.5	-45.1	-15.4	-20.7	-25.0	-46.4	-12.0	-3.4
4/20/2022	-9.5	-45.1	-15.4	-20.7	-25.0	-46.4	-12.0	-3.4
7/26/2022	-10.0	-37.1	-21.4	-21.0	-26.4	-39.5	-11.8	-3.8
10/13/2022	-9.6	-34.7	-21.5	-20.7	-22.4	-37.9	-11.4	-4.0
2/15/2023	-9.5	-34.4	-19.6	-20.2	-26.5	-37.4	-11.2	-3.3
4/21/2023	-9.0	-38.9	-19.1	-19.4	-26.3	-41.3	-11.4	-3.4
7/31/2023	-9.4	-37.1	-21.3	-20.9	-26.9	-39.4	-11.1	-3.1
10/30/2023	-10.1	-39.3	-21.8	-21.7	-27.7	-41.6	-11.9	-3.7

Notes:

" H_2O = Inches of Water Column
NM = Not Measured

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-1							IA-2						
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.52 J	0.57 J	< 1.00 U	< 1.00 U	< 1.5 U	0.44 J	0.42 J	0.48 J	0.53 J	< 1.00 U	< 1.00 U	< 1.5 U	0.49 J	0.46 J
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	1.5	1.1	1.23	< 1.00 U	0.33 J	< 0.98 U	0.47 J	1.5	0.62 J	1.02	< 1.00 U	0.77 J	2.1	2.3
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*0.13 J*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	0.42 J	0.36 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	0.45 J	0.21 J	< 1.00 U	< 1.00 U	0.27 J	0.60 J	0.59 J
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	0.43 J	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	1.6	1.1	NA	NA	< 0.93 U	0.18 J	< 0.93 U	0.93	3	NA	NA	2.3	4.2	4.5
2-Butanone (MEK)	ug/m3	--	22000	1.4 J	4.6	3.83	< 1.00 U	1.6	2.0	< 1.5 U	1.5	59	4.75	4.89	8.3	0.71 J *+	1.5
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	0.25 J
2-Hexanone	ug/m3	--	130	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	17	47	91.9	4.59	6.1 J	< 12 U	11 J	10 J	4.5 J	75.7	5.50	13	7.7 J	27
4-Ethyltoluene	ug/m3	--	--	0.46 J	0.47 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	0.51 J	0.25 J	< 1.00 U	< 1.00 U	< 0.98 U	0.56 J	0.54 J
4-Isopropyltoluene	ug/m3	--	--	< 1.1 U	0.22 J	< 1.00 U	< 1.00 U	0.30 J	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	13000	0.86 J	1.2 J	3.59	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	1.9 J	2.2	3.38	4.00	1.8 J	1.8 J	5.1
Acetone	ug/m3	--	--	20	45	34.2	9.21	6.4 J	8.0 J	7.9 J	10 J	NA	29.9	18.2	35	13	15
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	1.1	0.97	< 1.00 U	< 1.00 U	0.59 J	0.44 J	0.79	0.81	0.68	< 1.00 U	< 1.00 U	1.5	**1.6**	**2.4**
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	16	61	NA	NA	9.2	2.2	4.3	6.6	9.9	NA	NA	95	22	38
Carbon disulfide	ug/m3	--	3100	< 1.6 U	0.27 J	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	0.68 J	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.35**	**0.43**	**0.38**	**0.53**	< 0.22 U	**0.38**	**0.28**	**0.35**	**0.46**	**0.41**	**0.53**	**0.40**	**0.38**	**0.32**
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	8.7	8.3	NA	NA	5.0	270 D	3.6	49	16	NA	NA	3.8	27	2.9
Chloroethane	ug/m3	--	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	0.17 J	0.33 J	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	--	390	0.78 J	1.3	1.44	1.41	1.4	1.1	1.0	0.8 J	1.1	1.36	1.46	1.3	1.1	0.97 J
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID				IA-1							IA-2						
Date				1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	0.96	0.6 J	< 1.00 U	1.27	< 0.69 U	< 0.69 U	0.20 J	0.7	0.29 J	< 1.00 U	1.37	2.0	1.6	1.9
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	2.1 J	2.9	3.02	3.47	2.5	2.6	2.0 J	1.7 J	2 J	3.16	3.54	2.5	2.0 J	2.1 J
Ethylbenzene	ug/m3	--	**4.9**	1.3	1.4	1.47	< 1.00 U	0.39 J	< 0.87 U	0.39 J B	0.86 J	0.7 J	1.11	< 1.00 U	1.3	1.6	2.6
Heptane	ug/m3	--	1800	2.1	1.9	2.16	< 1.00 U	< 0.82 U	0.24 J	0.49 J	1.7	0.88	1.80	1.20	2.2	2.3	4.3
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	2.5	1.9	3.59	< 1.00 U	< 0.70 U	< 1.8 U	3.0	1.5	1.1	2.72	< 1.00 U	5.2	4.3	5.6
Isopropylbenzene	ug/m3	--	1800	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.22 J	0.28 J
m,p-Xylene	ug/m3	--	--	NA	NA	4.86	< 1.00 U	0.95 J	< 2.2 U	0.65 J	NA	NA	3.61	2.10	3.6	5.2	8.3
Methyl methacrylate	ug/m3	--	3100	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	1.1 J
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	1.1 J	< 1.7 U	0.87 J
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	0.23 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	1.5	1.4	1.42	< 1.00 U	0.31 J	< 0.87 U	0.48 J	1.1	0.69 J	1.04	< 1.00 U	1.3	1.7	2.8
Propylbenzene	ug/m3	--	4400	0.33 J	0.31 J	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U	0.38 J	< 0.98 U	NA	NA	< 0.98 U	0.41 J	0.44 J
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U	0.21 J	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.26 J	0.79 J
tert-Butyl alcohol	ug/m3	--	22000	0.59 J	0.44 J	NA	NA	< 15 U	< 15 U	< 15 U	0.48 J	0.52 J	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	0.34 J	2.3	0.31	0.27	< 1.4 U	0.28 J	< 1.4 U	< 1.4 U	< 1.4 U	0.33	< 0.25 U	< 1.4 U	0.37 J	0.64 J
Tetrahydrofuran	ug/m3	--	8800	0.41 J	2 J	1.60	< 1.00 U	< 15 U	8.2 J	< 15 U	< 15 U	34	2.41	5.04	4.1 J	< 15 U *+	< 15 U
Toluene	ug/m3	--	22000	7.9	5.3	7.91	1.30	1.1	0.86	1.4 B	6.1	4.2	6.03	5.05	6.8	11	15
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	0.83
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**0.2**	**0.43**	< 0.20 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U	< 0.20 U	**0.20**	**0.31**	**0.20**
Trichlorofluoromethane	ug/m3	--	--	1.3	1.7	1.67	1.45	0.98 J	1.1	1.3	1 J	1.2	1.75	1.49	1.3	1.1	1.2
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	NA	81.5 E	NA	NA	NA	NA	NA	NA	52.7	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Notes:
<1.0 = Not detected at or above the laboratory reporting limit shown
NA = Not analyzed
NS = Not sampled
TR = Target cancer risk
HQ = Target hazard quotient
D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples
E = Result exceeded calibration range.
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.
<0.18 = Italicized values represent a laboratory detection limit is above RSL Criteria
Shaded cells = Shaded and bolded cells represent an analyte concentration above applicable criteria
EPA THQ 1.0 IA: Indoor Air Screening Levels as published in 'Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1.0) November 2022' (United States Environmental Protection Agency)
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
*- = LCS and/or LCSD is outside acceptance limits, low biased.

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-3							IA-4							IA-4B
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/16/2021
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**															
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.51 J	0.48 J	< 1.00 U	< 1.00 U	< 1.5 U	0.49 J	< 1.5 U	0.49 J	0.47 J	< 1.00 U	< 1.00 U	< 1.5 U	0.43 J	0.47 J	< 1.5 U
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	2.4	1.3	1.93	4.04	2.0	1.6	1.3	0.78 J	3	2.75	2.69	0.71 J	1.4	1.6	0.76 J
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*0.33 J*	*0.28 J*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*0.69 J*	*0.57 J*	*1.34*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	0.63 J	0.38 J	< 1.00 U	1.03	0.29 J	0.49 J	0.30 J	0.35 J	0.76 J	< 1.00 U	< 1.00 U	< 0.98 U	0.46 J	0.41 J	< 0.98 U
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	3.3	4.1	NA	NA	2.9	2.3	1.6	3.8	4.2	NA	NA	1.8	1.6	2.2	1.1
2-Butanone (MEK)	ug/m3	--	22000	3.1	3.9	2.67	4.30	5.6	1.6	1.6	8.3	53	13.7	19.1	11	1.6	4.1	7.2
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	130	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	0.35 J	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	17	5.1 J	42.3	8.87	41	3.7 J	8.4 J	41	27	37.8	22.6	21	6.7 J	14	20
4-Ethyltoluene	ug/m3	--	--	0.76 J	0.44 J	< 1.00 U	< 1.00 U	0.54 J	0.49 J	0.29 J	0.46 J	0.82 J	< 1.00 U	< 1.00 U	< 0.98 U	0.45 J	0.41 J	0.20 J
4-Isopropyltoluene	ug/m3	--	--	0.23 J	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.25 J	0.36 J	< 1.1 U	0.62 J	< 1.00 U	< 1.00 U	0.25 J	0.21 J	0.77 J	0.23 J
4-Methyl-2-pentanone	ug/m3	--	13000	5.9	8.9	5.85	18.2	7.4	3.6	3.3	4.4	6.3	3.66	8.60	1.6 J	0.92 J	1.5 J	1.5 J
Acetone	ug/m3	--	--	22	23	< 1.00 U	48.4	40	15	16	49	NA	47.2	67.4	57	15	40	79
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	1.3	1.4	1.54	**4.88**	**2.0**	1.3	1.2	**2**	**1.7**	1.24	1.24	1.1	1.2	1.3	0.93
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	17	35	NA	NA	71	23	14	32	42	NA	NA	69	20	26	69
Carbon disulfide	ug/m3	--	3100	0.26 J	0.34 J	< 1.00 U	< 1.00 U	0.27 J	< 1.6 U	< 1.6 U	0.29 J	0.44 J	< 1.00 U	< 1.00 U	0.97 J	0.54 J	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.3**	**0.4**	**0.38**	**0.57**	< 0.22 U	**0.37**	**0.25**	**0.33**	**0.46**	**0.50**	**0.55**	**0.53**	**0.39**	**0.22**	**0.34**
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	5.6	11	NA	NA	5.1	76	2.8	1.9	3.5	NA	NA	3.3	120	5.3	3.0
Chloroethane	ug/m3	--	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	--	390	0.73 J	1.1	1.40	1.50	1.3	1.2	0.99	0.76 J	1.1	1.05	1.66	1.4	1.1	1.1	1.4
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-3							IA-4							IA-4B
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/16/2021
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**															
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	0.86	0.8	< 1.00 U	3.42	2.1	1.1	0.68 J	1.8	1.4	< 1.00 U	< 1.00 U	3.7	1.0	0.86	1.5
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	1.6 J	2 J	2.51	3.69	2.6	2.5	2.2 J	1.9 J	3	2.93	4.67	3.0	2.7	2.9	3.3
Ethylbenzene	ug/m3	--	**4.9**	1.8	**5.4**	3.55	4.34	2.3	1.8	1.2 B	2.8	4.4	4.17	3.53	1.4	1.5	1.7 B	1.0
Heptane	ug/m3	--	1800	2.6	2.9	3.32	6.84	4.8	3.2	1.5	3.5	2.8	2.11	2.06	1.8	1.7	1.7	1.3
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	2.9	3.1	5.88	9.23	5.6	3.0	2.6	5.5	4.1	2.69	2.84	3.9	3.2	3.2	3.1
Isopropylbenzene	ug/m3	--	1800	0.18 J	0.18 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	0.23 J	0.19 J	0.26 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	0.47 J	< 0.98 U
m,p-Xylene	ug/m3	--	--	NA	NA	14.1	18.3	7.9	6.8	3.1	NA	NA	16.1	16.5	4.4	5.6	5.2	3.7
Methyl methacrylate	ug/m3	--	3100	0.93 J	1 J	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	1.4 J	1.5 J	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	1.8	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	0.64 J	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	2.1	4	3.67	5.55	2.5	2.1	1.3	2.4	4.6	4.73	5.16	1.6	1.7	1.9	1.2
Propylbenzene	ug/m3	--	4400	0.43 J	0.29 J	NA	NA	0.31 J	0.37 J	< 0.98 U	0.37 J	0.59 J	NA	NA	0.22 J	0.32 J	0.26 J	< 0.98 U
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	4.51	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	3.00	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	0.24 J	< 0.85 U	< 1.00 U	< 1.00 U	0.47 J	0.32 J	< 0.85 U	0.18 J	0.55 J	< 1.00 U	1.47	0.29 J	0.40 J	0.72 J	< 0.85 U
tert-Butyl alcohol	ug/m3	--	22000	0.44 J	0.52 J	NA	NA	0.92 J	< 15 U	< 15 U	0.71 J	0.81 J	NA	NA	8.8 J	< 15 U	< 15 U	1.3 J
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	< 1.4 U	0.23 J	0.29	0.83	< 1.4 U	0.39 J	0.28 J	< 1.4 U	1.1 J	0.65	0.44	< 1.4 U	0.83 J	< 1.4 U	< 1.4 U
Tetrahydrofuran	ug/m3	--	8800	1.5 J	2 J	< 1.00 U	3.42	2.7 J	< 15 U	< 15 U	4.9 J	32	7.31	14.8	5.4 J	< 15 U	< 15 U	3.3 J
Toluene	ug/m3	--	22000	13	11	15.6	26.7	11	7.8	5.6	21	18	12.5	14.2	43	7.0	9.0	6.9
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	1.7	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	5.9	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**0.21**	**0.22**	**0.23**	**0.79**	< 0.19 U	**0.42**	0.14 J	**0.26**	0.19	**0.54**	**0.51**	< 0.19 U	**0.66**	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	--	1.1	1.3	1.45	2.38	2.0	1.4	1.2	1.6	2.3	2.48	4.81	2.0	1.5	1.5	1.9
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	72.7	97.9 E	NA	NA	NA	NA	NA	NA	194 E	NA	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-5								IA-5D				
			Date	1/5/2020	3/7/2020	3/21/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**													
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.49 J	0.55 J	< 1.00 U	< 1.00 U	<1.00 U	< 1.5 U	0.42 J	0.44 J	0.56 J	0.6 J	< 1.5 U	< 1.5 U	0.45 J
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	<0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	<1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	2.5	1.5	1.17	2.17	<1.00 U	0.52 J	< 0.98 U	0.72 J	3.5	1.9	0.60 J	< 0.98 U	0.79 J
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*0.23 J*	*0.29 J*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*0.25 J*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	0.68 J	0.28 J	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	1	0.52 J	< 0.98 U	< 0.98 U	< 0.98 U
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 0.44 U*	*< 0.44 U*	0.14 J	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	<1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	**26**	< 1.00 U	< 1.00 U	<1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	2.8	1.3	NA	NA	NA	< 0.93 U	0.29 J	0.56 J	2.7	1.8	< 0.93 U	< 0.93 U	0.56 J
2-Butanone (MEK)	ug/m3	--	22000	2.5	4.8	2.14	3.36	<1.00 U	< 1.5 U	1.3 J	2.1	1.8	4.9	0.92 J	< 1.5 U	1.5
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	130	0.44 J	< 2 U	< 1.00 U	< 1.00 U	<1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	17	48	26.0	45.2	5.87	17	< 12 U	24	13	59	15	< 12 U	17
4-Ethyltoluene	ug/m3	--	--	0.69 J	0.45 J	1.14	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	0.96 J	0.55 J	< 0.98 U	< 0.98 U	< 0.98 U
4-Isopropyltoluene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	13000	1.4 J	3.2	2.38	4.75	1.21	< 2.0 U	< 2.0 U	< 2.0 U	1.3 J	4.3	< 2.0 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	--	26	46	24.5	36.6	9.99	10 J	9.5 J	15	25	49	10 J	< 12 U	11 J
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	1.5	1.2	< 1.00 U	1.17	<1.00 U	0.78	0.61 J	0.96	**1.7**	**1.6**	0.83	< 0.64 U	0.66
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	26	68	NA	NA	NA	40	3.0	5.3	29	78	39	< 1.2 U	4.0
Carbon disulfide	ug/m3	--	3100	< 1.6 U	0.32 J	< 1.00 U	< 1.00 U	<1.00 UJ	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	0.36 J	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.32**	**0.43**	**0.41**	**0.39**	**0.54**	< 0.22 U	**0.36**	**0.30**	**0.46**	**0.55**	**0.48**	< 0.22 U	**0.30**
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	26	6.9	NA	NA	NA	7.2	390 D	12	12	8.7	7.6	55	15
Chloroethane	ug/m3	--	18000	< 1.3 U	0.19 J	< 1.00 U	< 1.00 U	<1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	0.17 J	0.26 J	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 0.98 U*	*< 0.98 U*	0.25 J	*< 0.98 U*	0.32 J	*< 0.98 U*	*< 0.98 U*	0.28 J
Chloromethane	ug/m3	--	390	0.69 J	1.5	1.21	1.33	1.32	1.2	< 1.0 U	0.97 J	< 1 U	1.5	1.4	< 1.0 U	1.2
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	<0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-5								IA-5D				
			Date	1/5/2020	3/7/2020	3/21/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**													
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	1.4	0.72	< 1.00 U	< 1.00 U	1.64	< 0.69 U	0.19 J	0.44 J	1.6	0.99	< 0.69 U	< 0.69 U	0.37 J
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	2.2 J	2.9	3.11	3.68	3.21	2.3 J	3.2	2.2 J	4.4	3.1	2.8	< 2.5 U	2.2 J
Ethylbenzene	ug/m3	--	**4.9**	1.9	2	1.31	2.18	<1.00 U	0.33 J	< 0.87 U	0.63 J B	2.4	2.2	0.31 J	< 0.87 U	0.58 J B
Heptane	ug/m3	--	1800	3.3	2.1	1.74	2.52	<1.00 U	< 0.82 U	0.51 J	1.1	2.9	2.8	0.39 J	< 0.82 U	0.93
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*<1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	4.2	2.7	4.58	4.26	1.40	1.4	< 1.8 U	2.4	4.2	3.3	1.5	< 1.8 U	1.2 J
Isopropylbenzene	ug/m3	--	1800	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	--	NA	NA	5.03	9.03	2.39	1.6 J	0.78 J	1.4 J	NA	NA	1.7 J	< 2.2 U	0.87 J
Methyl methacrylate	ug/m3	--	3100	< 2 U	< 2 U	NA	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	**8.26**	< 3.00 U	<3.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	0.25 J	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	2.6	2.5	1.89	3.21	<1.00 U	0.49 J	< 0.87 U	0.69 J	3.2	3	0.31 J	< 0.87 U	0.69 J
Propylbenzene	ug/m3	--	4400	0.45 J	0.38 J	NA	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U	0.68 J	0.36 J	< 0.98 U	< 0.98 U	< 0.98 U
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	--	22000	0.63 J	0.38 J	NA	NA	NA	< 15 U	< 15 U	< 15 U	< 15 U	0.48 J	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	0.42 J	1.3 J	0.41	0.55	<0.25 U	< 1.4 U	0.26 J	0.26 J	0.55 J	1.6	< 1.4 U	< 1.4 U	< 1.4 U
Tetrahydrofuran	ug/m3	--	8800	0.59 J	1.6 J	< 1.00 U	< 1.00 U	<1.00 U	< 15 U	< 15 U	< 15 U	0.5 J	< 15 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	22000	12	7.5	5.42	9.45	3.67	3.5	1.5	2.1	12	8.6	2.5	< 0.75 U	1.7 B
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**0.25**	**0.3**	< 0.20 U	< 0.20 U	<0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	**0.25**	**0.25**	< 0.19 U	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	--	1.2	1.6	1.63	1.85	1.36	1.6	1.2	1.1	2.2	1.9	1.5	< 1.1 U	1.1
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	<0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	NA	NA	87.7 J	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-6							IA-7						
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.47 J	0.49 J	< 1.00 U	< 1.00 U	< 1.5 U	0.44 J	< 1.5 U	0.46 J	0.48 J	< 1.00 U	< 1.00 U	< 1.5 U	0.44 J	0.44 J
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	3.3	8.5	5.90	6.88	0.37 J	< 0.98 U	0.80 J	1	1.1	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	1.1	2.3	1.58	1.65	< 0.98 U	< 0.98 U	< 0.98 U	0.32 J	0.36 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	1.8 J	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	4.6	6.3	NA	NA	< 0.93 U	< 0.93 U	1.7	1.3	0.74 J	NA	NA	0.82 J	< 0.93 U	< 0.93 U
2-Butanone (MEK)	ug/m3	--	22000	1.3 J	10	2.60	3.63	1.5	0.88 J	< 1.5 U	1.4 J	3.1	2.71	< 1.00 U	< 1.5 U	< 1.5 U	1.4
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	130	< 2 U	0.64 J	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	25	31	26.0	22.1	2.5 J	< 12 U	4.4 J	17	32	68.5	5.38	4.0 J	< 12 U	9.6 J
4-Ethyltoluene	ug/m3	--	--	1.4	3	1.46	1.79	< 0.98 U	< 0.98 U	0.25 J	0.3 J	0.41 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
4-Isopropyltoluene	ug/m3	--	--	< 1.1 U	5.4	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	0.3 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	13000	2	4.7	1.60	3.33	< 2.0 U	< 2.0 U	< 2.0 U	0.69 J	0.96 J	2.17	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	--	59	NA	NA	86.9	21	9.1 J	11 J	23	34	29.0	9.42	13	6.0 J	8.1 J
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	**3**	**3.5**	**1.78**	**2.41**	0.43 J	0.51 J	0.89	1	0.85	< 1.00 U	< 1.00 U	< 0.64 U	0.36 J	0.61 J
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	30	42	NA	NA	7.0	4.9	13	11	48	NA	NA	3.4	1.6	4.0
Carbon disulfide	ug/m3	--	3100	0.57 J	0.31 J	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	0.34 J	0.61 J	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.34**	**0.38**	**0.40**	**0.58**	**0.42**	**0.27**	**0.32**	**0.32**	**0.48**	**0.42**	**0.52**	< 0.22 U	**0.37**	0.18 J
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	3.6	6.5	NA	NA	2.0	2.4	2.2	9	8.9	NA	NA	2.1	100	2.3
Chloroethane	ug/m3	--	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	0.19 J	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	--	390	0.77 J	1.1	1.21	1.53	1.2	1.4	1.1	0.75 J	1.3	1.39	1.53	0.93 J	1.1	1.1
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID				IA-6							IA-7						
Date				1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	3	3.6	< 1.00 U	3.58	< 0.69 U	0.51 J	< 0.69 U	0.83	0.48 J	< 1.00 U	1.13	4.0	< 0.69 U	< 0.69 U
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	1.5 J	1.9 J	2.35	3.75	2.1 J	2.0 J	2.0 J	2.4 J	3.1	3.54	4.32	1.9 J	2.6	2.5
Ethylbenzene	ug/m3	--	**4.9**	**6.3**	**12**	**8.98**	**12.9**	1.0	< 0.87 U	1.1	1.1	2.4	< 1.00 U	< 1.00 U	0.35 J	< 0.87 U	< 0.87 U
Heptane	ug/m3	--	1800	9.5	21	8.23	9.99	1.5	0.28 J	1.6	2	1.5	1.38	< 1.00 U	< 0.82 U	< 0.82 U	0.47 J
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	9.1	8.9	7.43	6.23	< 0.70 U	1.1 J	2.1	2.4	1.4	2.18	< 1.00 U	< 0.70 U	< 1.8 U	1.1 J
Isopropylbenzene	ug/m3	--	1800	0.27 J	0.69 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	--	NA	NA	14.5	15.9	0.96 J	< 2.2 U	3.5	NA	NA	3.11	< 1.00 U	1.0 J	< 2.2 U	0.43 J
Methyl methacrylate	ug/m3	--	3100	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	2.1	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	0.60 J	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	0.55 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	3.7	7.4	4.43	4.47	0.40 J	< 0.87 U	1.1	1	1.6	< 1.00 U	< 1.00 U	0.23 J	< 0.87 U	< 0.87 U
Propylbenzene	ug/m3	--	4400	1.2	2.4	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U	0.24 J	0.26 J	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	0.27 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	< 0.85 U	0.65 J	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	--	22000	0.19 J	1 J	NA	NA	< 15 U	< 15 U	< 15 U	0.58 J	0.28 J	NA	NA	5.1 J	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	1.3 J	**27**	**5.61**	**4.73**	< 1.4 U	< 1.4 U	0.42 J	0.39 J	1.8	0.39	0.43	< 1.4 U	< 1.4 U	0.60 J
Tetrahydrofuran	ug/m3	--	8800	< 15 U	11 J	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U	0.29 J	2 J	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	22000	26	26	18.5	23.3	1.9	0.45 J	5.6	6.4	6.2	4.44	1.21	20	0.44 J	0.89
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**2.3**	**3.6**	**3.22**	**4.82**	**0.59**	< 0.19 U	**0.37**	**0.26**	**0.42**	< 0.20 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	--	0.92 J	1.2	1.34	1.59	1.5	1.1	1.1	1.3	1.8	1.99	1.48	0.86 J	1.2	1.2
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	**0.24**	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	NA	228 E	NA	NA	NA	NA	NA	NA	85.9 E	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID				IA-8							IA-9						
Date				1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.48 J	0.47 J	< 1.00 U	< 1.00 U	< 1.5 U	0.43 J	0.44 J	0.47 J	0.56 J	< 1.00 U	< 1.00 U	< 1.5 U	< 1.5 U	< 1.5 U
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	0.79 J	0.75 J	1.13	< 1.00 U	< 0.98 U	0.77 J	< 0.98 U	6	2.8	4.68	1.37	0.58 J	2.6	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	0.24 J	0.23 J	< 1.00 U	< 1.00 U	< 0.98 U	0.57 J	< 0.98 U	1.6	0.82 J	1.15	< 1.00 U	0.24 J	0.92 J	< 0.98 U
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*2.5 J*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	1.4	0.79 J	NA	NA	< 0.93 U	0.16 J	< 0.93 U	7.6	4.8	NA	NA	4.1	2.6	6.1
2-Butanone (MEK)	ug/m3	--	22000	1.7	2.8	2.01	< 1.00 U	1.0 J	< 1.5 U	1.4 J	8.8	16	2.20	1.36	2.4	0.91 J	1.4
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	130	0.2 J	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	18	38	45.4	3.27	1.6 J	< 12 U	6.4 J	43	76	41.5	6.17	39	6.3 J	13
4-Ethyltoluene	ug/m3	--	--	0.26 J	0.23 J	1.04	< 1.00 U	< 0.98 U	0.67 J	< 0.98 U	1.9	1.1	4.44	< 1.00 U	< 0.98 U	0.97 J	< 0.98 U
4-Isopropyltoluene	ug/m3	--	--	< 1.1 U	0.28 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	0.44 J	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	13000	0.67 J	0.69 J	1.92	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	2	3.9	< 1.00 U	1.58	3.6	2.0	2.7
Acetone	ug/m3	--	--	24	37	25.2	6.03	6.4 J	< 12 U	6.6 J	31	63	29.2	14.4	28	12	11 J
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	1	0.78	< 1.00 U	< 1.00 U	0.44 J	0.43 J	0.48 J	**4.3**	**3.4**	**2.81**	< 1.00 U	**2.7**	**1.8**	**2.0**
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	13	43	NA	NA	4.0	2.2	6.7	35	74	NA	NA	160 D	25	45
Carbon disulfide	ug/m3	--	3100	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	1.6	2.3	< 1.6 U	< 1.00 U	< 1.00 U	0.33 J	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.31**	**0.34**	**0.50**	**0.47**	**0.55**	**0.39**	**0.36**	**0.39**	**0.43**	**0.52**	**0.58**	< 0.22 U	**0.31**	**0.31**
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	6.8	15	NA	NA	4.8	55	3.4	1.9	3.6	NA	NA	2.9	19	3.2
Chloroethane	ug/m3	--	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	*< 0.98 U*	0.32 J	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	--	390	0.77 J	1.1	1.04	< 1.00 U	1.3	1.2	1.1	< 1 U	1.1	1.01	1.31	1.6	1.1	1.2
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID				IA-8							IA-9						
Date				1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	0.81	0.48 J	< 1.00 U	< 1.00 U	< 0.69 U	< 0.69 U	0.26 J	4.6	2.4	2.47	< 1.00 U	3.4	1.8	1.5
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	1.9 J	2.5	2.87	1.59	2.3 J	2.7	2.1 J	2.2 J	1.9 J	2.29	3.42	2.2 J	2.1 J	2.0 J
Ethylbenzene	ug/m3	--	**4.9**	1	0.98	1.12	< 1.00 U	< 0.87 U	0.43 J	0.24 J	**5.6**	3	3.98	< 1.00 U	1.5	1.9	1.6
Heptane	ug/m3	--	1800	1.9	1.6	1.31	< 1.00 U	< 0.82 U	0.34 J	0.74 J	6.6	4.8	4.51	1.02	3.5	2.7	2.6
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	2.4	1.4	2.40	< 1.00 U	< 0.70 U	< 1.8 U	0.70 J	10	9	6.38	2.34	11	4.9	6.0
Isopropylbenzene	ug/m3	--	1800	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	0.43 J	0.18 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	--	NA	NA	3.58	< 1.00 U	< 2.2 U	1.7 J	0.78 J	NA	NA	11.2	2.73	3.3	6.6	4.4
Methyl methacrylate	ug/m3	--	3100	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	**3.82**	< 3.00 U	< 1.7 U	1.1 J	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	0.71 J	< 1.7 U
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	0.92	0.85 J	1.19	< 1.00 U	< 0.87 U	0.68 J	0.33 J	5.7	2.6	3.56	< 1.00 U	1.1	2.3	1.3
Propylbenzene	ug/m3	--	4400	0.19 J	0.19 J	NA	NA	< 0.98 U	0.39 J	< 0.98 U	1.4	0.62 J	NA	NA	0.27 J	0.67 J	< 0.98 U
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.16 J	< 0.85 U	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.18 J	< 0.85 U
tert-Butyl alcohol	ug/m3	--	22000	0.64 J	0.29 J	NA	NA	< 15 U	< 15 U	< 15 U	< 15 U	0.31 J	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	0.28 J	1.9	0.93	< 0.25 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	1.5	1.87	0.27	< 1.4 U	0.28 J	0.18 J
Tetrahydrofuran	ug/m3	--	8800	< 15 U	< 15 U	1.18	< 1.00 U	< 15 U	< 15 U	< 15 U	1.8 J	8.6 J	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	22000	6.4	3.8	5.05	< 1.00 U	< 0.75 U	1.0	0.76	33	18	17.2	7.65	8.1	9.2	18
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	0.64 J
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**0.26**	**0.42**	**0.35**	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	**0.32**	< 0.19 U	**0.97**	**0.21**	**0.49**	**0.31**	< 0.19 U
Trichlorofluoromethane	ug/m3	--	--	1.2	1.6	1.59	1.35	1.5	1.2	1.1	1.3	1.3	1.35	1.45	1.1	1.2	1.0 J
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	NA	65.9	NA	NA	NA	NA	NA	NA	114 E	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-10						
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**							
1,1,1-Trichloroethane	ug/m3	3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	22000	0.54 J	0.48 J	< 1.00 U	< 1.00 U	0.63 J	0.43 J	0.41 J
1,1,2-Trichloroethane	ug/m3	--	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	--	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	0.2	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	260	2	< 0.98 U	1.57	< 1.00 U	< 0.98 U	0.53 J	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	--	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	*0.47*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	--	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	260	0.54 J	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.31 J	< 0.98 U
1,3-Butadiene	ug/m3	--	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	--	**2.5**	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	--	1.5	0.39 J	NA	NA	< 0.93 U	0.28 J	0.18 J
2-Butanone (MEK)	ug/m3	--	22000	1.7	4.2	2.57	< 1.00 U	< 1.5 U	0.82 J	< 1.5 U
2-Chlorotoluene	ug/m3	--	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	130	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	880	11 J	37	57.2	5.36	3.3 J	< 12 U	5.6 J
4-Ethyltoluene	ug/m3	--	--	0.55 J	< 0.98 U	1.44	< 1.00 U	< 0.98 U	0.35 J	< 0.98 U
4-Isopropyltoluene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	13000	0.71 J	0.46 J	2.82	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	--	18	42	26.1	8.81	6.9 J	7.6 J	5.9 J
Allyl chloride	ug/m3	--	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	**1.6**	1.2	0.85	1.01	< 1.00 U	0.53 J	0.59 J	0.56 J
Benzyl chloride	ug/m3	--	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	--	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	--	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	--	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	--	12	51	NA	NA	7.9	3.4	5.4
Carbon disulfide	ug/m3	--	3100	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**0.2**	2	**0.41**	**0.4**	**0.52**	**0.50**	**0.31**	**0.41**	**0.31**
Chlorobenzene	ug/m3	--	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	220000	6.8	7.5	NA	NA	4.1	330 D	5.8
Chloroethane	ug/m3	--	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	*0.53*	*< 0.98 U*	0.21 J	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	--	390	< 1 U	1.1	1.03	1.11	1.2	1.3	1.2
cis-1,2-Dichloroethylene	ug/m3	0.2	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U

Table 3
Indoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

			Location ID	IA-10						
			Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI IA - 2017**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**							
cis-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	26000	0.98	0.5 J	< 1.00 U	< 1.00 U	< 0.69 U	0.26 J	< 0.69 U
Dibromochloromethane	ug/m3	--	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	440	3.1	2.6	3.06	2.01	2.6	2.9	2.4 J
Ethylbenzene	ug/m3	--	**4.9**	1.6	< 0.87 U	1.53	< 1.00 U	0.41 J	< 0.87 U	< 0.87 U
Heptane	ug/m3	--	1800	1.7	0.71 J	1.70	< 1.00 U	< 0.82 U	0.67 J	< 0.82 U
Hexachlorobutadiene	ug/m3	--	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	--	3100	2.7	1.5	1.82	< 1.00 U	< 0.70 U	< 1.8 U	1.4 J
Isopropylbenzene	ug/m3	--	1800	0.19 J	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	--	NA	NA	4.86	1.17	0.53 J	1.5 J	0.48 J
Methyl methacrylate	ug/m3	--	3100	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	**3**	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	440	1.7	< 0.87 U	1.63	< 1.00 U	0.48 J B	0.59 J	< 0.87 U
Propylbenzene	ug/m3	--	4400	0.4 J	< 0.98 U	NA	NA	< 0.98 U	0.24 J	< 0.98 U
sec-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	--	22000	0.62 J	0.28 J	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	**3**	47	0.34 J	1.9	0.52	< 0.25 U	< 1.4 U	0.40 J	< 1.4 U
Tetrahydrofuran	ug/m3	--	8800	0.43 J	< 15 U	1.65	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	22000	7.6	1.9	6.74	1.95	1.0	1.9	0.98
trans-1,2-Dichloroethylene	ug/m3	--	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**0.2**	**3**	**0.29**	**0.38**	**0.21**	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	--	1.7	1.6	1.63	1.50	1.5	1.2	1.3
Vinyl chloride	ug/m3	**0.2**	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	--	NA	NA	NA	89.4 E	NA	NA	NA
Ethyl acetate	ug/m3	--	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	BLOWER UNIT 1							BLOWER UNIT 1-D	BLOWER UNIT 2						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	2/19/2022	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**															
1,1,1-Trichloroethane	ug/m3	100	0.37 J	1.3	< 1.00 U	11.8	1.8	< 2.2 U	< 1.1 U	< 1.1 U	0.91 J	< 1.1 U	1.83	10.6	4.3	0.43 J	0.55 J
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.7 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.7 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.5 J	0.63 J	< 1.00 U	< 1.00 U	< 1.5 U	< 3.1 U	< 1.5 U	< 1.5 U	0.75 J	0.5 J	< 1.00 U	< 1.00 U	< 1.5 U	0.90 J	< 1.5 U
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	0.4 J	< 1.00 U	4.81	0.54 J	< 1.6 U	< 0.81 U	< 0.81 U	0.72 J	< 0.81 U	< 1.00 U	5.22	2.4	< 1.6 U	0.42 J
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	0.29	< 0.20 U	0.47	0.49	< 0.28 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	0.46	0.54	< 0.14 U	< 0.28 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 7.4 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 7.4 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	< 0.98 U	0.39 J	1.10	< 1.00 U	< 0.98 U	1.5 J	1.9	1.6	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	5.0	0.98
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 3.1 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 3.1 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.8 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.8 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.6 U	0.40 J	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.6 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.72 J	0.47 J	0.82 J	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	3.6	< 0.98 U
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.88 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.88 U	4.5
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	3.1	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	1.1 J
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 36 U	< 18 U	< 18 U	< 18 U	0.78 J	< 1.00 U	< 1.00 U	< 18 U	< 36 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	< 0.93 U	0.47 J	NA	NA	< 0.93 U	3.9	< 0.93 U	1.7	0.27 J	< 0.93 U	NA	NA	0.63 J	0.38 J	< 0.93 U
2-Butanone (MEK)	ug/m3	--	0.75 J	< 1.5 U	< 1.00 U	3.30	< 1.5 U	3.3	29	2.1	4.4	0.74 J	1.64	3.98	< 1.5 U	3.0	15
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 2.1 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 2.1 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	2.8	< 1.00 U	< 1.00 U	< 2.0 U	< 4.1 U	5.2	< 2.0 U	0.32 J	< 2 U	< 1.00 U	1.88	< 2.0 U	< 4.1 U	2.4
2-Propanol	ug/m3	--	1.2 J	1.6 J	2.15	4.77	1.9 J	87	110 E	36	4 J	< 12 U	1.61	6.46	2.0 J	17 J	86
4-Ethyltoluene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.78 J	< 0.98 U	0.92 J	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	4.6	< 0.98 U
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	< 2 U	0.39 J	< 1.00 U	1.22	< 2.0 U	< 4.1 U	1.6 J	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	1.7 J	< 4.1 U	0.85 J
Acetone	ug/m3	--	7.6 J	17	26.4	187 D	28	340 D	1500 E	320 D	40	9.2 J	68.4	186 D	39	80	740 E
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 3.1 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 3.1 U	< 1.6 U
Benzene	ug/m3	--	0.44 J	0.81	< 1.00 U	< 1.00 U	0.78	2.3	1.6	1.1	4.9	1.2	< 1.00 U	< 1.00 U	0.72	1.0 J	1.1
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 2.1 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 2.1 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.7 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.7 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 1.7 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 1.7 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.1 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 1.6 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 1.6 U	< 0.78 U
Butane	ug/m3	--	2.1	6.4	NA	NA	6.4	< 2.4 U	7.2	1.8	3.1	1.2	NA	NA	27	5.7	7.7
Carbon disulfide	ug/m3	--	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 3.1 U	0.72 J	2.5	< 1.6 U	0.5 J	< 1.00 U	< 1.00 U	0.51 J	< 3.1 U	0.68 J
Carbon tetrachloride	ug/m3	**6**	0.38	0.49	0.75	**6.85**	0.53	< 0.44 U	0.20 J	< 0.22 U	0.62	0.46	0.56	**6.73**	4.4	< 0.44 U	0.95
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	0.54 J	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	8.5	38	NA	NA	< 1.8 U	830 D	14	710 D	15	7.9	NA	NA	2.7	27	2.0
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.6 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.6 U	< 1.3 U
Chloroform	ug/m3	--	0.33 J	0.42 J	< 1.00 U	12.7	0.67 J	< 2.0 U	< 0.98 U	< 0.98 U	1.5	< 0.98 U	< 1.00 U	13.3	6.8	< 2.0 U	0.78 J
Chloromethane	ug/m3	--	0.61 J	0.8 J	< 1.00 U	< 1.00 U	0.76 J	< 2.1 U	2.9	0.47 J	0.91 J	1.3	< 1.00 U	< 1.00 U	1.0	1.8 J	2.7

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	BLOWER UNIT 1							BLOWER UNIT 1-D	BLOWER UNIT 2						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	2/19/2022	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**															
cis-1,2-Dichloroethylene	ug/m3	**6**	**20**	**65**	0.48	**20.4**	**91**	< 0.40 U	< 0.20 U	< 0.20 U	1.8	0.24	**153**	**22.5**	**8.1**	< 0.40 U	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U
Cyclohexane	ug/m3	--	< 0.69 U	0.19 J	< 1.00 U	1.50	0.62 J	2.2	< 0.69 U	1.0	0.28 J	< 0.69 U	< 1.00 U	< 1.00 U	< 0.69 U	0.87 J	< 0.69 U
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 3.4 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 3.4 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.9 J	3.4	1.99	3.94	3.6	3.6 J	3.6	1.7 J	1.3 J	2.4 J	3.00	2.18	3.2	3.1 J	2.3 J
Ethylbenzene	ug/m3	--	< 0.87 U	0.4 J	< 1.00 U	1.01	0.51 J	2.5	0.69 J B	1.4	< 0.87 U	< 0.87 U	< 1.00 U	1.20	0.41 J	2.7	0.53 J B
Heptane	ug/m3	--	0.24 J	0.67 J	< 1.00 U	1.29	< 0.82 U	3.3	5.9	1.9	1	0.59 J	< 1.00 U	1.84	< 0.82 U	2.1	2.9
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	1.6 J	< 4.3 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.3 U	< 2.1 U
Hexane	ug/m3	--	< 0.7 U	1.2	< 1.00 U	< 1.00 U	< 0.70 U	2.8 J	1.4 J	1.4 J	0.84	< 0.7 U	< 1.00 U	< 1.00 U	1.8	1.9 J	1.0 J
Isopropylbenzene	ug/m3	--	1.2	2.8	< 1.00 U	< 1.00 U	5.1	< 2.0 U	< 0.98 U	< 0.98 U	12	2.1	< 1.00 U	< 1.00 U	< 0.98 U	1.0 J	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	< 1.00 U	2.20	0.96 J	8.6	0.87 J	5.2	NA	NA	1.51	2.46	< 2.2 U	11	0.84 J
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 4.1 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 4.1 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 1.4 U	0.32 J	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 1.4 U	0.25 J
Methylene chloride	ug/m3	100	< 1.7 U	0.98 J	< 3.00 U	< 3.00 U	1.7	< 3.5 U	< 1.7 U	0.67 J	3.3	< 1.7 U	< 3.00 U	< 3.00 U	1.2 J	8.0	0.69 J
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	1.2 J	< 5.2 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 5.2 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U
o-Xylene	ug/m3	--	< 0.87 U	0.57 J	< 1.00 U	< 1.00 U	0.55 J B	2.9	0.61 J B	2.0	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	0.27 J B	4.7	0.47 J B
Propylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	0.58 J	< 0.98 U	0.60 J	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	2.7	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 1.7 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	1.7	< 0.85 U
tert-Butyl alcohol	ug/m3	--	< 15 U	0.45 J	NA	NA	< 15 U	< 30 U	36	< 15 U	0.64 J	0.22 J	NA	NA	< 15 U	< 30 U	25
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 2.2 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	< 1.4 U	1.9	0.32	5.59	0.63 J	< 2.7 U	0.33 J	< 1.4 U	0.28 J	< 1.4 U	1.84	5.86	2.3	0.38 J	0.50 J
Tetrahydrofuran	ug/m3	--	< 15 U	0.7 J	< 1.00 U	< 1.00 U	< 15 U	< 29 U	< 15 U	< 15 U	< 15 U	0.9 J	< 1.00 U	< 1.00 U	< 15 U	< 29 U	< 15 U
Toluene	ug/m3	--	0.75	2.2	< 1.00 U	2.50	1.1	13	1.1	6.1	1.6	0.46 J	1.53	2.92	1.7	5.3	1.7
trans-1,2-Dichloroethylene	ug/m3	--	0.19 J	0.71 J	< 1.00 U	< 1.00 U	< 0.79 U	< 1.6 U	0.13 J	< 0.79 U	< 0.79 U	< 0.79 U	1.10	< 1.00 U	< 0.79 U	< 1.6 U	0.12 J
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**20**	**52**	1.65	**108**	**55**	2.1	0.34	0.66	**8**	0.65	**85.9**	**105**	**34**	< 0.38 U	0.52
Trichlorofluoromethane	ug/m3	--	1.1	1.9	1.28	2.45	1.9	2.6	2.5	1.2	1.1	1.4	2.11	2.81	1.5	1.6 J	1.3
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	0.21	< 0.20 U	< 0.40 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	0.24	< 0.20 U	< 0.40 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	21.5 J	28.8	NA	NA	NA	NA	NA	NA	7.97 J	28.1	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Propene	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA

Notes:
<1.0 = Not detected at or above the laboratory reporting lin TR = Target cancer risk
NA = Not analyzed HQ = Target hazard quotient
NS = Not sampled
D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples
E = Result exceeded calibration range.
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.
Shaded cel Shaded and bolded cells represent an analyte concentration above applicable criteria

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	BLOWER UNIT 3							BLOWER UNIT 3-D			
		Date	1/5/2020	3/7/2020	3/21/2020	3/21/2020	5/31/2020	1/16/2021	1/28/2023	1/5/2020	3/7/2020	1/16/2021	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**											
1,1,1-Trichloroethane	ug/m3	100	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.53 J	0.59 J	< 1.00 U	< 1.00 U	<1.00 U	< 1.5 U	0.63 J	0.62 J	0.6 J	< 1.5 U	< 1.5 U
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	<0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	<1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	0.23 J	0.32 J	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	0.48 J	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	< 18 U	< 1.00 U	< 1.00 U	<1.00 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	0.22 J	< 0.93 U	NA	NA	NA	< 0.93 U	< 0.93 U	0.35 J	10	< 0.93 U	< 0.93 U
2-Butanone (MEK)	ug/m3	--	1.4 J	< 1.5 U	1.83	1.30	7.60	< 1.5 U	< 1.5 U	4.5	< 1.5 U	1.6	2.5
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	NA	< 1.0 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	2.33	< 2.0 U	< 2.0 U	< 2 U	1.4 J	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	2.2 J	< 12 U	10.5	10.6	5.82	4.1 J	4.7 J	3.7 J	< 12 U	9.6 J	< 12 U
4-Ethyltoluene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	<1.00 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	14	5.2 J	62.0	46.1	893 D	15	8.1 J	24	12	24	11 J
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	0.85	0.38 J	< 1.00 U	< 1.00 U	<1.00 U	< 0.64 U	0.48 J	1.2	2.5	0.68	0.32 J
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	NA	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	2.6	0.89 J	NA	NA	NA	1.8	2.6	3.8	17	4.3	1.9
Carbon disulfide	ug/m3	--	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	<1.00 UJ	< 1.6 U	< 1.6 U	2.5	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**6**	0.31	0.48	0.53	0.57	0.57	0.19 J	0.34	0.42	0.47	0.60	< 0.22 U
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	5.1	< 1.8 U	NA	NA	NA	3.8	2.6	8	2.3	3.6	0.96 J
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	0.24 J	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	0.27 J	< 0.98 U	< 0.98 U	< 0.98 U
Chloromethane	ug/m3	--	0.46 J	1.4	< 1.00 U	< 1.00 U	<1.00 U	1.0	1.1	0.39 J	1.4	1.1	0.80 J

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	BLOWER UNIT 3							BLOWER UNIT 3-D			
		Date	1/5/2020	3/7/2020	3/21/2020	3/21/2020	5/31/2020	1/16/2021	1/28/2023	1/5/2020	3/7/2020	1/16/2021	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**											
cis-1,2-Dichloroethylene	ug/m3	**6**	0.31	< 0.2 U	0.52	0.59	0.45	< 0.20 U	< 0.20 U	0.52	< 0.2 U	< 0.20 U	0.14 J
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	< 0.69 U	< 0.69 U	< 1.00 U	< 1.00 U	1.28	< 0.69 U	< 0.69 U	0.18 J	24	2.1	< 0.69 U
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.8 J	2.5	4.33	4.40	3.96	2.6	2.7	1.7 J	2.6	3.3	1.7 J
Ethylbenzene	ug/m3	--	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	<1.00 U	0.31 J	< 0.87 U	< 0.87 U	0.91	2.2	< 0.87 U
Heptane	ug/m3	--	0.53 J	< 0.82 U	< 1.00 U	< 1.00 U	1.06	< 0.82 U	< 0.82 U	0.87	39	3.0	< 0.82 U
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Hexane	ug/m3	--	< 0.7 U	< 0.7 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.70 U	1.1 J	0.79	52	0.72	0.48 J
Isopropylbenzene	ug/m3	--	2.3	< 0.98 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	5.8	< 0.98 U	0.17 J	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	1.14	< 1.00 U	1.43	< 2.2 U	< 2.2 U	NA	NA	6.1	< 2.2 U
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	NA	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	100	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	<3.00 U	< 1.7 U	1.8	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	NA	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	<1.00 U	0.23 J B	< 0.87 U	< 0.87 U	< 0.87 U	2.1 B	< 0.87 U
Propylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	NA	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	--	0.31 J	< 15 U	NA	NA	NA	< 15 U	< 15 U	0.29 J	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	0.46 J	0.24 J	4.69	2.43	0.47	< 1.4 U	< 1.4 U	0.77 J	< 1.4 U	< 1.4 U	< 1.4 U
Tetrahydrofuran	ug/m3	--	< 15 U	< 15 U	< 1.00 U	< 1.00 U	<1.00 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	1.1	< 0.75 U	1.42	1.32	1.31	< 0.75 U	0.70 J	2.1	0.47 J	11	0.31 J
trans-1,2-Dichloroethylene	ug/m3	--	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**6.7**	< 0.19 U	**12.5**	**12.5**	**10.6**	3.8	0.16 J	**11**	< 0.19 U	3.6	0.24
Trichlorofluoromethane	ug/m3	--	1.4	1.3	4.85	5.06	5.35	2.0	1.3	2	1.4	2.0	0.97 J
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	<0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	<1.00 U	NA	<1.00 U	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	NA	<1.00 U	NA	NA	NA	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	NA	NA	47.8	NA	NA	NA	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	<1.00 U	NA	<1.00 U	NA	NA	NA	NA	NA	NA
Propene	ug/m3	--	NA	NA	<1.00 U	NA	9.27	NA	NA	NA	NA	NA	NA

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-1							EW-2						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
1,1,1-Trichloroethane	ug/m3	100	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	11	< 1.3 U	13.6	7.09	< 1.1 U	0.96 J	1.7
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.7 U	< 1.4 U	< 1.4 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.6 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.6 J	0.55 J	< 1.00 U	< 1.00 U	0.40 J	< 3.1 U	0.49 J	0.6 J	0.53 J	< 1.00 U	< 1.00 U	< 1.5 U	0.53 J	0.43 J
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.3 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.6 U	< 0.81 U	8.1	< 0.96 U	9.63	3.62	< 0.81 U	< 0.97 U	1.1
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.28 U	< 0.14 U	0.5	< 0.17 U	0.63	0.28	< 0.14 U	< 0.17 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 7.4 U	< 3.7 U	< 3.7 U	< 4.4 U	< 1.00 U	< 1.00 U	< 3.7 U	< 4.5 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	0.3 J	1.2	< 1.00 U	< 1.00 U	< 0.98 U	7.0	2.1	0.59 J	1.3	< 1.00 U	< 1.00 U	0.88 J	7.9	1.9
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 3.1 U	< 1.5 U	< 1.5 U	< 1.8 U	< 1.00 U	< 1.00 U	< 1.5 U	< 1.8 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.8 U	< 1.4 U	< 1.4 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.7 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.4 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.6 U	< 0.81 U	< 0.81 U	< 0.96 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.97 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 1.1 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.1 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	< 0.98 U	0.41 J	< 1.00 U	< 1.00 U	< 0.98 U	2.2	0.45 J	0.19 J	0.43 J	< 1.00 U	< 1.00 U	0.29 J	5.5	0.45 J
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.88 U	< 0.44 U	< 0.44 U	< 0.53 U	< 1.00 U	< 1.00 U	< 0.44 U	0.26 J	< 0.44 U
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	2.1	< 1.2 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.4 U	1.6
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.4 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 36 U	< 18 U	< 18 J B	< 21 U	< 1.00 U	< 1.00 U	< 18 U	< 22 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	0.42 J	1.5	NA	NA	0.22 J	2.5	0.37 J	0.5 J	4.7	NA	NA	2.8	0.69 J	1.5
2-Butanone (MEK)	ug/m3	--	1.3 J	5.4	4.19	< 1.00 U	< 1.5 U	2.1 J	3.2	7.2	27	1.45	< 1.00 U	6.2	5.1	< 1.5 U
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 2.1 U	< 1.0 U	< 1 U	< 1.2 U	NA	NA	< 1.0 U	< 1.2 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 4.1 U	< 2.0 U	0.41 J	< 2.4 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.5 U	< 2.0 U
2-Propanol	ug/m3	--	4.6 J	46	79.6	2.90	2.6 J	76	450 E	4.5 J	3.4 J	4.30	1.03	16	360 D	270 E
4-Ethyltoluene	ug/m3	--	< 0.98 U	0.4 J B	< 1.00 U	< 1.00 U	< 0.98 U	2.4	0.32 J	< 0.98 U	0.41 J B	< 1.00 U	< 1.00 U	0.30 J	7.3	0.49 J
4-Isopropyltoluene	ug/m3	--	< 1.1 U	0.26 J	< 1.00 U	< 1.00 U	< 1.1 U	0.49 J	< 1.1 U	0.39 J	< 1.3 U	< 1.00 U	< 1.00 U	< 1.1 U	0.29 J	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	< 2 U	1.3 J	2.98	< 1.00 U	< 2.0 U	2.6 J	0.66 J	0.87 J	2.5	1.03	< 1.00 U	1.5 J	< 2.5 U	0.70 J
Acetone	ug/m3	--	13	41	33.0	5.65	9.8 J	23 J	20	27	46	9.16	4.82	44	50	19
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 3.1 U	< 1.6 U	< 1.6 U	< 1.9 U	NA	NA	< 1.6 U	< 1.9 U	< 1.6 U
Benzene	ug/m3	--	0.38 J	1.1	< 1.00 U	< 1.00 U	0.49 J	1.6	0.93	0.99	1.1	< 1.00 U	< 1.00 U	1.5	4.0	2.5
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 2.1 U	< 1.0 U	< 1 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.0 U	< 1.2 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.7 U	< 1.3 U	< 1.3 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.6 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 1.7 U	< 0.87 U	< 0.87 U	< 1 U	NA	NA	< 0.87 U	< 1.0 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.1 U	< 2.1 U	< 2.1 U	< 2.5 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.5 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 1.6 U	< 0.78 U	< 0.78 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.93 U	< 0.78 U
Butane	ug/m3	--	4.1	57	NA	NA	5.5	5.1	2.4	4.5	12	NA	NA	85	19	12
Carbon disulfide	ug/m3	--	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 3.1 U	0.44 J	4.3	< 1.9 U	< 1.00 U	< 1.00 U	< 1.6 U	< 1.9 U	1.8
Carbon tetrachloride	ug/m3	**6**	0.36	0.46	0.43	0.52	0.52	0.47	0.43	3	0.37	**17.7**	4.51	0.34	0.56	3.2
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 1.1 U	< 1.00 U	< 1.00 U	< 0.92 U	< 1.1 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	12	14	NA	NA	4.2	1300 D	17	2.7	4.8	NA	NA	< 1.8 U	32	1.9
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.6 U	< 1.3 U	0.4 J	< 1.6 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.6 U	< 1.3 U
Chloroform	ug/m3	--	0.91 J	0.29 J	< 1.00 U	< 1.00 U	< 0.98 U	0.53 J	0.48 J	14	< 1.2 U	31.1	8.83	< 0.98 U	< 1.2 U	2.8
Chloromethane	ug/m3	--	0.35 J	1.3	1.33	< 1.00 U	1.4	0.87 J	0.52 J	0.83 J	1.2	< 1.00 U	< 1.00 U	1.3	1.5	0.70 J

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-1							EW-2						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
cis-1,2-Dichloroethylene	ug/m3	**6**	1.2	< 0.2 U	< 0.20 U	1.02	< 0.20 U	0.35 J	0.31	**22**	2.2	**39.6**	**15.7**	0.99	< 0.24 U	1.9
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 1.1 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.1 U	< 0.91 U
Cyclohexane	ug/m3	--	0.39 J	1.2	< 1.00 U	< 1.00 U	< 0.69 U	1.7	0.29 J	0.39 J	4.6	< 1.00 U	< 1.00 U	2.8	1.1	1.1
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 3.4 U	< 1.7 U	< 1.7 U	< 2 U	< 1.00 U	< 1.00 U	< 1.7 U	< 2.0 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.9 J	3.4	2.86	2.03	2.7	4.1 J	2.4 J	1.6 J	2 J	3.45	1.72	2.7	2.5 J	2.0 J
Ethylbenzene	ug/m3	--	0.38 J	1.7	< 1.00 U	< 1.00 U	0.27 J	4.6	0.77 J B	0.32 J	1.1	< 1.00 U	< 1.00 U	1.7	4.5	2.6
Heptane	ug/m3	--	1	2.9	1.73	< 1.00 U	< 0.82 U	3.3	0.82 J	0.78 J	7.5	< 1.00 U	< 1.00 U	2.8	6.7	3.2
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.3 U	< 2.1 U	< 2.1 U	< 2.5 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.6 U	< 2.1 U
Hexane	ug/m3	--	0.87	3	18.6	< 1.00 U	< 0.70 U	2.6 J	2.2	< 0.7 U	9.8	1.10	< 1.00 U	5.2	2.6	7.4
Isopropylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.61 J	< 0.98 U	< 0.98 U	< 1.2 U	< 1.00 U	< 1.00 U	< 0.98 U	1.4	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	2.16	1.24	< 2.2 U	17	1.9 J	NA	NA	1.22	< 1.00 U	5.0	19	8.1
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 4.1 U	< 2.0 U	< 2 U	< 2.4 U	NA	NA	< 2.0 U	< 2.5 U	1.6 J
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 1.4 U	< 0.72 U	< 0.72 U	< 0.86 U	< 1.00 U	< 1.00 U	0.96	< 0.87 U	< 0.72 U
Methylene chloride	ug/m3	100	1.8	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	1.9 J	< 1.7 U	1.4 J	< 2.1 U	< 3.00 U	< 3.00 U	1.3 J	3.7	0.71 J
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 5.2 U	< 2.6 U	< 2.6 U	< 3.1 U	NA	NA	< 2.6 U	< 3.1 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.3 U	< 1.1 U
o-Xylene	ug/m3	--	0.39 J	1.9	< 1.00 U	< 1.00 U	0.33 J B	6.1	0.95	0.46 J	1.2	< 1.00 U	< 1.00 U	1.9 B	7.1	2.4
Propylbenzene	ug/m3	--	< 0.98 U	0.35 J B	NA	NA	< 0.98 U	1.6 J	< 0.98 U	< 0.98 U	0.28 J B	NA	NA	0.28 J	4.0	0.32 J
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.3 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.57 J	< 0.85 U	< 0.85 U	0.21 J	< 1.00 U	< 1.00 U	< 0.85 U	2.3	0.60 J
tert-Butyl alcohol	ug/m3	--	0.2 J	0.43 J	NA	NA	< 15 U	< 30 U	< 15 U	0.39 J	0.45 J	NA	NA	1.1 J	5.9 J	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.3 U	NA	NA	< 1.1 U	< 1.3 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	2.2	7.1	< 0.25 U	0.87	< 1.4 U	4.0	< 1.4 U	1.1 J	1.3 J	1.69	3.24	0.35 J	8.5	< 1.4 U
Tetrahydrofuran	ug/m3	--	0.28 J	2 J	1.80	< 1.00 U	< 15 U	< 29 U	< 15 U	< 15 U	12 J	< 1.00 U	< 1.00 U	3.6 J	< 18 U	< 15 U
Toluene	ug/m3	--	2.8	7.2	6.85	1.57	0.86	16	2.8	2.2	4.3	2.00	1.39	14	9.3	11
trans-1,2-Dichloroethylene	ug/m3	--	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 1.6 U	< 0.79 U	0.61 J	< 0.94 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.95 U	0.52 J
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 1.1 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.1 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**18**	0.45	< 0.20 U	**17.0**	< 0.19 U	4.9	1.4	**87**	1.2	**135**	**65.0**	0.84	0.62	4.1
Trichlorofluoromethane	ug/m3	--	1.2	1.5	1.65	1.68	1.3	1.3 J	1.3	1.3	1.3	2.53	1.95	1.4	1.8	2.0
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.20 U	0.25	< 0.24 U	1.35	< 0.20 U	< 0.20 U	< 0.24 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	NA	25.6	NA	NA	NA	NA	NA	10.6	10.1	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-3							EW-4						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
1,1,1-Trichloroethane	ug/m3	100	1.2	1.2	3.16	< 1.00 U	3.8	4.8	1.2	0.44 J	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.59 J	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.49 J	0.52 J	< 1.00 U	< 1.00 U	< 1.5 U	0.44 J	0.47 J	0.54 J	0.58 J	< 1.00 U	< 1.00 U	< 1.5 U	0.46 J	0.43 J
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	0.43 J	0.36 J	1.13	< 1.00 U	0.98	0.43 J	0.18 J	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	0.31	0.92	< 0.20 U	1.1	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	0.31 J	0.67 J	< 1.00 U	4.96	0.35 J	1.6	1.4	0.23 J	0.56 J	1.20	< 1.00 U	< 0.98 U	< 0.98 U	2.1
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	< 0.98 U	0.22 J	< 1.00 U	1.41	0.19 J	0.76 J	0.32 J	< 0.98 U	0.22 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	0.47 J
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.44 U	0.21 J	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.44 U	< 0.44 U
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	0.78 J	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	4.0
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 J B	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 18 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	0.59 J	1.6	NA	NA	0.84 J	3.3	0.89 J	0.31 J	4.3	NA	NA	0.94	0.32 J	0.75 J
2-Butanone (MEK)	ug/m3	--	1.1 J	2.4	< 1.00 U	5.01	< 1.5 U	4.7	2.3	0.97 J	34	8.08	3.63	4.6	1.5	4.6
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	2.5 J	1.3 J	1.10	13.9	8.0 J	96	280 E	3.3 J	23	10.5	4.25	19	3.9 J	390 E
4-Ethyltoluene	ug/m3	--	< 0.98 U	0.21 J B	< 1.00 U	4.55	< 0.98 U	1.1	0.32 J	< 0.98 U	0.27 J B	1.04	< 1.00 U	< 0.98 U	< 0.98 U	0.40 J
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.55 J	< 1.1 U	< 1.1 U	0.24 J	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	0.97 J	2.3	1.08	20.7	2.4	4.2	0.54 J	< 2 U	5	1.81	< 1.00 U	< 2.0 U	< 2.0 U	0.61 J
Acetone	ug/m3	--	9.1 J	8.1 J	3.23	31.6	19	28	36	8.2 J	87	22.2	12.4	23	10 J	43
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	0.44 J	0.76	< 1.00 U	3.45	0.69	2.0	1.9	0.28 J	1.7	< 1.00 U	< 1.00 U	< 0.64 U	0.36 J	1.5
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 1.0 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 0.87 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	3.6	16	NA	NA	19	6.8	6.6	3.7	36	NA	NA	6.4	3.8	6.2
Carbon disulfide	ug/m3	--	0.35 J	< 1.6 U	< 1.00 U	< 1.00 U	0.44 J	< 1.6 U	0.42 J	< 1.6 U	0.47 J	< 1.00 U	< 1.00 U	0.68 J	1.4 J	0.56 J
Carbon tetrachloride	ug/m3	**6**	0.32	0.49	0.63	0.48	0.55	0.44	0.36	0.38	0.41	0.51	0.50	0.51	0.40	0.33
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	2.3	5.1	NA	NA	3.8	50	2.4	2.8	9.7	NA	NA	4.0	150 D	5.0
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	0.45 J	0.29 J	< 1.00 U	< 1.00 U	0.54 J	0.38 J	0.21 J	0.72 J	< 0.98 U	< 1.00 U	< 1.00 U	0.78 J	0.58 J	0.34 J
Chloromethane	ug/m3	--	0.33 J	0.91 J	< 1.00 U	1.15	0.92 J	0.56 J	0.93 J	< 1 U	1.4	< 1.00 U	< 1.00 U	0.59 J	0.39 J	0.45 J

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-3							EW-4						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
cis-1,2-Dichloroethylene	ug/m3	**6**	**90**	**75**	**325**	< 0.20 U	**210 D**	**27**	3.7	**7.3**	< 0.2 U	4.52	**7.49**	**6.8**	4.5	1.5
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	0.17 J	0.39 J	< 1.00 U	2.75	< 0.69 U	2.1	0.76	0.16 J	1.7	< 1.00 U	< 1.00 U	4.2	0.21 J	0.45 J
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.6 J	2.7	2.84	2.27	3.8	2.7	2.5	1.9 J	3.5	3.23	2.43	3.7	2.6	2.5
Ethylbenzene	ug/m3	--	< 0.87 U	1.5	1.15	5.12	0.79 J	4.8	1.2 B	0.28 J	3.8	1.93	< 1.00 U	0.87	0.44 J	1.4 B
Heptane	ug/m3	--	0.55 J	1	1.04	7.17	0.87	4.7	1.4	0.36 J	3.1	1.04	< 1.00 U	< 0.82 U	0.58 J	1.2
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Hexane	ug/m3	--	< 0.7 U	1.6	1.75	8.67	1.3	3.3	9.6	< 0.7 U	4.4	1.73	< 1.00 U	< 0.70 U	< 1.8 U	2.9
Isopropylbenzene	ug/m3	--	< 0.98 U	0.17 J	< 1.00 U	< 1.00 U	< 0.98 U	0.53 J	0.20 J	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	4.38	19.6	2.1 J	15	3.3	NA	NA	7.42	2.99	2.2	1.6 J	4.4
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	1.5 J	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	3.3	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	100	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	1.5 J	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	4.1	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 2.6 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	0.27 J	1.6	1.31	6.73	0.96 B	4.2	1.4 B	0.28 J	2.9	2.21	1.10	1.0 B	< 0.87 U	1.6
Propylbenzene	ug/m3	--	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	0.74 J	0.23 J	< 0.98 U	0.23 J B	NA	NA	< 0.98 U	< 0.98 U	0.27 J
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.44 J	0.42 J	< 0.85 U	0.29 J	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	0.60 J
tert-Butyl alcohol	ug/m3	--	< 15 U	0.23 J	NA	NA	< 15 U	3.8 J	< 15 U	< 15 U	0.79 J	NA	NA	12 J	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	0.47 J	1.1 J	2.21	1.40	1.1 J	0.58 J	0.54 J	0.51 J	1.2 J	1.40	1.13	< 1.4 U	0.89 J	1.1 J
Tetrahydrofuran	ug/m3	--	< 15 U	0.71 J	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U	0.55 J	16	4.30	1.98	1.4 J	< 15 U	< 15 U
Toluene	ug/m3	--	1.7	5	6.03	28.3	3.0	20	5.7	1.9	19	5.95	2.74	52	2.0	7.2
trans-1,2-Dichloroethylene	ug/m3	--	0.51 J	0.65 J	2.19	< 1.00 U	1.5	0.67 J	1.1	0.33 J	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	3.4
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**44**	**40**	**128**	1.42	**95**	**26**	**6.4**	**52**	0.49	**32.1**	**50.4**	**47**	**35**	4.3
Trichlorofluoromethane	ug/m3	--	1.1	1.4	1.68	2.64	2.0	1.5	2.4	1.5	2.3	2.56	5.14	2.2	1.6	1.5
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	12.9	119 E	NA	NA	NA	NA	NA	67.8	30.5	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-5							EW-5D					EW-5D2
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	1/16/2021	2/19/2022	1/28/2023	2/19/2022
Chemical	**Units**	**NYSDOH SO VI SS - 2017**													
1,1,1-Trichloroethane	ug/m3	100	0.49 J	< 1.1 U	<1.00 U	<1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	<1.00 U	<1.00 U	< 1.4 U	< 2.7 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.53 J	0.46 J	<1.00 U	<1.00 U	< 1.5 U	< 3.1 U	0.58 J	0.9 J	0.48 J	< 1.5 U	0.42 J	0.47 J	0.47 J
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	<1.00 U	<1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	<1.00 U	<1.00 U	< 0.81 U	< 1.6 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	< 0.14 U	<0.20 U	<0.20 U	< 0.14 U	< 0.28 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	<1.00 U	<1.00 U	< 3.7 U	< 7.4 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	0.74 J	1.7	<1.00 U	<1.00 U	< 0.98 U	< 2.0 U	2.9	< 0.98 U	1.2	0.62 J	< 0.98 U	4.8	1.3
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	<1.00 U	<1.00 U	< 1.5 U	< 3.1 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	<1.00 U	<1.00 U	< 1.4 U	< 2.8 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	<1.00 U	<1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	<1.00 U	<1.00 U	< 0.81 U	< 1.6 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	<1.00 U	<1.00 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	0.21 J	0.48 J	<1.00 U	<1.00 U	< 0.98 U	< 2.0 U	0.38 J	< 0.98 U	0.41 J	< 0.98 U	< 0.98 U	1.2	0.72 J
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	<1.00 U	<1.00 U	< 0.44 U	< 0.88 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	<1.00 U	<1.00 U	< 1.2 U	< 2.4 U	4.1	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	3.9	< 1.2 U
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	<1.00 U	<1.00 U	< 1.2 U	< 2.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	< 18 U	<1.00 U	<1.00 U	< 18 U	< 36 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	0.8 J	1.5	NA	NA	< 0.93 U	< 1.9 U	0.46 J	< 0.93 U	1.5	2.3	0.40 J	0.61 J	0.62 J
2-Butanone (MEK)	ug/m3	--	1.9	2.4	<1.00 U	<1.00 U	< 1.5 U	< 2.9 U	5.6	< 1.5 U	3.7	1.8	1.1 J	4.7	1.9
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 2.1 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	0.47 J	< 1.0 U
2-Hexanone	ug/m3	--	0.35 J	< 2 U	<1.00 U	<1.00 U	< 2.0 U	< 4.1 U	0.90 J	< 2 U	< 2 U	< 2.0 U	< 2.0 U	0.81 J	< 2.0 U
2-Propanol	ug/m3	--	5.2 J	36	1.52	1.93	4.3 J	< 25 U	340 E	< 12 U	33	13	< 12 U	300 E	15
4-Ethyltoluene	ug/m3	--	0.2 J	0.38 J B	<1.00 U	<1.00 U	< 0.98 U	< 2.0 U	0.34 J	< 0.98 U	0.37 J B	0.22 J	< 0.98 U	1.3	0.97 J
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	<1.00 U	<1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	0.46 J	2.2	<1.00 U	<1.00 U	< 2.0 U	< 4.1 U	0.78 J	< 2 U	0.97 J	< 2.0 U	< 2.0 U	0.57 J	< 2.0 U
Acetone	ug/m3	--	15	25	3.47	2.97	9.3 J	< 24 U	23	< 12 U	26	32	9.9 J	21	19
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 3.1 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	0.55 J	1.2	<1.00 U	<1.00 U	0.24 J	0.50 J	1.1	0.56 J	1.2	0.84	0.77	1.1	1.1
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	<1.00 UJ	<1.00 U	< 1.0 U	< 2.1 U	< 1.0 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	<1.00 U	<1.00 U	< 1.3 U	< 2.7 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 1.7 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	<1.00 U	<1.00 U	< 2.1 U	< 4.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U *-
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	<1.00 U	<1.00 U	< 0.78 U	< 1.6 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	5.2	52	NA	NA	7.6	2.2 J	2.4	2.2	48	15	3.9	2.4	6.7
Carbon disulfide	ug/m3	--	< 1.6 U	0.36 J	<1.00 U	<1.00 UJ	< 1.6 U	1.3 J	0.77 J	< 1.6 U	0.32 J	0.68 J	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**6**	0.42	0.33	0.45	0.57	0.37	< 0.44 U	0.58	0.8	0.39	0.43	0.37	0.43	0.36
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	<1.00 U	<1.00 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	8.1	5.5	NA	NA	10	1100 D	25	1.8	5.2	7.2	630 D	21	400 D
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	<1.00 U	<1.00 U	< 1.3 U	< 2.6 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	0.43 J	< 0.98 U	<1.00 U	<1.00 U	0.52 J	< 2.0 U	0.49 J	< 0.98 U	< 0.98 U	< 0.98 U	0.23 J	0.44 J	< 0.98 U
Chloromethane	ug/m3	--	0.28 J	1.2	<1.00 U	<1.00 U	< 1.0 U	0.73 J	1.2	1.7	1.5	0.97 J	< 1.0 U	0.60 J	< 1.0 U

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-5							EW-5D					EW-5D2
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	1/16/2021	2/19/2022	1/28/2023	2/19/2022
Chemical	**Units**	**NYSDOH SO VI SS - 2017**													
cis-1,2-Dichloroethylene	ug/m3	**6**	1.1	< 0.2 U	1.70	1.46	1.2	0.63	0.79	< 0.2 U	< 0.2 U	< 0.20 U	0.15 J	0.57	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	<1.00 U	<1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	0.38 J	0.97	<1.00 U	<1.00 U	0.84	< 1.4 U	0.41 J	< 0.69 U	0.87	7.5	0.44 J	2.1	0.57 J
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	<1.00 U	<1.00 U	< 1.7 U	< 3.4 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.5 J	2.5	3.18	1.84	2.5	3.8 J	3.1	4.9	2.6	3.0	3.2	2.4 J	4.4
Ethylbenzene	ug/m3	--	0.56 J	1.9	<1.00 U	<1.00 U	0.43 J	< 1.7 U	1.3 B	< 0.87 U	1.7	1.2	< 0.87 U	4.5	0.89
Heptane	ug/m3	--	1.3	2.3	<1.00 U	<1.00 U	< 0.82 U	< 1.6 U	1.8	< 0.82 U	2.2	2.3	0.73 J	7.5	1.6
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	<1.00 U	<1.00 U	< 2.1 U	< 4.3 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Hexane	ug/m3	--	1.5	3.1	<1.00 U	<1.00 U	< 0.70 U	< 3.5 U	2.7	0.81	3.1	1.9	1.3 J	7.2	2.3
Isopropylbenzene	ug/m3	--	< 0.98 U	0.18 J	<1.00 U	<1.00 U	< 0.98 U	< 2.0 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	0.38 J	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	<1.00 U	1.25	0.95 J	< 4.3 U	3.8	NA	NA	3.7	0.81 J	15	3.2
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 4.1 U	0.63 J	< 2 U	< 2 U	< 2.0 U	< 2.0 U	1.1 J	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	<1.00 U	<1.00 U	< 0.72 U	< 1.4 U	< 0.72 U	< 0.72 U	< 0.72 U	6.5	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	100	< 1.7 U	< 1.7 U	<3.00 U	<3.00 U	< 1.7 U	< 3.5 U	1.3 J	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	0.97 J
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 5.2 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	<1.00 UJ	<1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	--	0.65 J	2.5	<1.00 U	<1.00 U	0.43 J B	< 1.7 U	1.4	< 0.87 U	2.2	1.6 B	< 0.87 U	5.2	1.2
Propylbenzene	ug/m3	--	< 0.98 U	0.32 J B	NA	NA	< 0.98 U	< 2.0 U	0.28 J	< 0.98 U	0.29 J B	< 0.98 U	< 0.98 U	0.79 J	0.58 J
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	<1.00 U	<1.00 U	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	<1.00 U	<1.00 U	< 0.85 U	< 1.7 U	< 0.85 U	< 0.85 U	< 0.85 U	0.35 J	< 0.85 U	< 0.85 U	0.19 J
tert-Butyl alcohol	ug/m3	--	0.49 J	0.28 J	NA	NA	< 15 U	< 30 U	< 15 U	< 15 U	0.32 J	13 J	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 2.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	0.74 J	1.3 J	1.19	0.86	0.37 J	0.58 J	0.30 J	< 1.4 U	1.3 J	0.44 J	0.57 J	0.58 J	0.92 J
Tetrahydrofuran	ug/m3	--	< 15 U	1.1 J	<1.00 U	<1.00 U	< 15 U	< 29 U	< 15 U	< 15 U	0.95 J	< 15 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	3.7	8.9	<1.00 U	1.68	2.5	1.8	4.1	0.42 J	8.2	62	2.9	10	4.0
trans-1,2-Dichloroethylene	ug/m3	--	< 0.79 U	< 0.79 U	<1.00 U	<1.00 U	< 0.79 U	< 1.6 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	<1.00 U	<1.00 U	< 0.91 U	< 1.8 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**35**	0.25	**41.6**	**40.5**	**29**	**18**	**9.7**	< 0.19 U	0.19	**16**	4.9	**8.4**	2.8
Trichlorofluoromethane	ug/m3	--	1.1	1.3	1.67	1.76	0.86 J	1.3 J	1.6	2.8	1.4	1.5	1.3	1.3	1.4
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	<0.20 U	<0.20 U	< 0.20 U	< 0.40 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	19.4 J	7.89	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Propene	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-6							EW-7						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
1,1,1-Trichloroethane	ug/m3	100	0.26 J	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 2.9 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.55 J	0.5 J	< 1.00 U	< 1.00 U	< 1.5 U	< 3.3 U	0.47 J	0.54 J	0.61 J	< 1.00 U	< 1.00 U	< 1.5 U	0.45 J	0.43 J
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.7 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	< 0.14 U	< 0.20 U	0.26	< 0.14 U	< 0.30 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 7.9 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	1.4	2.5	5.21	2.36	0.45 J	0.53 J	3.5	< 0.98 U	0.36 J	< 1.00 U	< 1.00 U	< 0.98 U	8.5	1.5
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 3.3 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 3.0 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.6 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 1.7 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 2.0 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	0.44 J	1.1	1.61	< 1.00 U	< 0.98 U	< 2.1 U	1.7	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	2.5	0.28 J
1,3-Butadiene	ug/m3	--	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.95 U	0.27 J	< 0.44 U	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.44 U	0.086 J
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.6 U	3.4	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	4.1
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 2.6 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 39 U	< 18 U	< 18 U	< 18 U	< 1.00 U	< 1.00 U	< 18 U	< 18 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	2.2	5.8	NA	NA	< 0.93 U	1.0 J	1.3	< 0.93 U	< 0.93 U	NA	NA	< 0.93 U	3.9	0.40 J
2-Butanone (MEK)	ug/m3	--	1.4 J	5.2	2.75	2.38	1.0 J	< 3.2 U	2.7	4.2	1.2 J	2.34	< 1.00 U	0.90 J	4.8	4.4
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 2.2 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 4.4 U	1.1 J	1.1 J	0.22 J	< 1.00 U	< 1.00 U	< 2.0 U	0.85 J	< 2.0 U
2-Propanol	ug/m3	--	11 J	31	17.6	10.6	3.6 J	< 26 U	290 E	3.9 J	2.5 J	46.4	3.37	5.0 J	98 D	370 E
4-Ethyltoluene	ug/m3	--	0.58 J	0.99 B	1.51	2.06	< 0.98 U	0.59 J	0.69 J	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	2.4	< 0.98 U
4-Isopropyltoluene	ug/m3	--	< 1.1 U	0.26 J	< 1.00 U	< 1.00 U	< 1.1 U	< 2.3 U	1.4	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.45 J	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	0.64 J	2.4	1.49	< 1.00 U	0.39 J	< 4.4 U	< 2.0 U	< 2 U	< 2 U	1.75	< 1.00 U	< 2.0 U	5.6	0.57 J
Acetone	ug/m3	--	45	86	85.0	35.4	22	16 J	22	17	7.3 J	24.7	9.04	10 J	38	38
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 3.3 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	1.3	3.1	1.55	< 1.00 U	0.21 J	1.2 J	2.1	< 0.64 U	< 0.64 U	< 1.00 U	< 1.00 U	0.49 J	1.9	1.1
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 2.2 U	< 1.0 U	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 1.0 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.9 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 1.9 U	< 0.87 U	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 0.87 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.4 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 1.7 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	11	36	NA	NA	6.9	8.5	12	1.1 J	3.5	NA	NA	2.0	3.3	2.4
Carbon disulfide	ug/m3	--	< 1.6 U	0.51 J	< 1.00 U	< 1.00 U	< 1.6 U	< 3.3 U	< 1.6 U	0.39 J	0.25 J	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**6**	0.79	0.45	0.82	1.74	1.1	0.45 J	0.62	0.38	0.42	0.40	0.52	0.49	0.45	0.44
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 2.0 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	3.3	11	NA	NA	2.5	10	2.7	6.6	8.3	NA	NA	5.1	470 D	9.5
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 2.8 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	1.1	< 0.98 U	< 1.00 U	1.73	1.2	< 2.1 U	0.30 J	0.27 J	0.2 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
Chloromethane	ug/m3	--	0.52 J	1.3	1.02	< 1.00 U	< 1.0 U	1.6 J	0.89 J	< 1 U	0.68 J	1.18	< 1.00 U	0.81 J	0.54 J	0.76 J

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-6							EW-7						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**														
cis-1,2-Dichloroethylene	ug/m3	**6**	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.43 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.9 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	1.1	3.7	1.79	< 1.00 U	< 0.69 U	0.73 J	0.96	0.18 J	< 0.69 U	< 1.00 U	< 1.00 U	< 0.69 U	2.2	0.29 J
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 3.6 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	1.5 J	2.5	2.33	1.89	2.3 J	2.1 J	2.3 J	2.2 J	4.3	3.08	1.51	4.0	4.2	3.8
Ethylbenzene	ug/m3	--	2	7.5	6.25	2.98	0.68 J	1.3 J	41	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	< 0.87 U	5.5	0.56 J
Heptane	ug/m3	--	3.4	17	6.43	2.15	0.77 J	2.2	< 0.82 U	0.54 J	0.42 J	1.26	< 1.00 U	< 0.82 U	4.7	< 0.82 U
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 4.6 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Hexane	ug/m3	--	3.2	8.7	6.97	1.34	< 0.70 U	2.3 J	8.8	< 0.7 U	< 0.7 U	1.94	< 1.00 U	< 0.70 U	2.9	3.2
Isopropylbenzene	ug/m3	--	< 0.98 U	0.52 J	< 1.00 U	< 1.00 U	< 0.98 U	< 2.1 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.75 J	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	11.5	3.88	1.2 J	3.3 J	160	NA	NA	3.13	2.87	0.61 J	20	2.1 J
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 4.4 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 1.5 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	100	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	3.1 J	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 5.6 U	< 2.6 U	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 2.6 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.31 J	< 1.1 U
o-Xylene	ug/m3	--	1.4	4.7	3.89	1.24	0.54 J B	0.89 J	40	< 0.87 U	< 0.87 U	1.02	1.11	0.46 J B	7.5	0.82 J
Propylbenzene	ug/m3	--	0.42 J	1 B	NA	NA	< 0.98 U	< 2.1 U	< 0.98 U	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	1.7	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 2.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 1.8 U	< 0.85 U	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.37 J	< 0.85 U
tert-Butyl alcohol	ug/m3	--	0.4 J	0.7 J	NA	NA	< 15 U	< 32 U	< 15 U	0.36 J	0.25 J	NA	NA	< 15 U	4.8 J	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 2.3 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	2.1	27	14.4	13.4	2.5	0.92 J	0.35 J	0.64 J	2.6	0.39	0.35	0.53 J	0.91 J	0.41 J
Tetrahydrofuran	ug/m3	--	< 15 U	1.8 J	< 1.00 U	< 1.00 U	< 15 U	< 32 U	< 15 U	< 15 U	< 15 U	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	9.4	20	15.1	5.16	1.9	4.4	6.8	< 0.75 U	0.59 J	4.41	3.68	0.79	20	3.1
trans-1,2-Dichloroethylene	ug/m3	--	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 1.7 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 1.9 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	**15**	4	**10.7**	**35.0**	**15**	0.46	1.3	**6.3**	**6.1**	< 0.20 U	2.03	3.2	2.4	0.75
Trichlorofluoromethane	ug/m3	--	0.97 J	1.3	1.38	1.56	1.1	1.4 J	2.2	3.3	5.6	1.73	7.07	4.2	4.7	4.4
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.43 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	NA	70.8	NA	NA	NA	NA	NA	NA	68.4	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID			EW-8						
Date			1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**							
1,1,1-Trichloroethane	ug/m3	100	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	--	0.6 J	0.45 J	< 1.00 U	< 1.00 U	< 1.5 U	0.44 J	0.44 J
1,1,2-Trichloroethane	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	6	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	--	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	--	3.4	0.66 J	< 1.00 U	< 1.00 U	< 0.98 U	7.9	1.2
1,2-Dibromoethane (EDB)	ug/m3	--	< 1.5 U	< 1.5 U	< 1.00 U	< 1.00 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	--	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,2-Dichloropropane	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	--	0.8 J	0.21 J	< 1.00 U	< 1.00 U	< 0.98 U	2.2	0.30 J
1,3-Butadiene	ug/m3	--	0.28 J	< 0.44 U	< 1.00 U	< 1.00 U	< 0.44 U	< 0.44 U	< 0.44 U
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	4.6
1,4-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dioxane	ug/m3	--	< 18 U	0.43 J	< 1.00 U	< 1.00 U	< 18 U	< 18 U	< 18 U
2,2,4-Trimethylpentane	ug/m3	--	0.57 J	0.44 J	NA	NA	< 0.93 U	1.7	0.40 J
2-Butanone (MEK)	ug/m3	--	5.4	0.96 J	3.54	1.06	< 1.5 U	1.3 J	3.2
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	--	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	--	9.2 J	9.2 J	89.7	6.73	1.8 J	52	340 E
4-Ethyltoluene	ug/m3	--	0.92 J	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	2.2	0.26 J
4-Isopropyltoluene	ug/m3	--	21	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.39 J	< 1.1 U
4-Methyl-2-pentanone	ug/m3	--	2.4	< 2 U	2.48	< 1.00 U	< 2.0 U	2.5	< 2.0 U
Acetone	ug/m3	--	73	19	36.3	12.9	22	12	38
Allyl chloride	ug/m3	--	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	--	0.54 J	0.44 J	< 1.00 U	< 1.00 U	0.29 J	0.96	1.0
Benzyl chloride	ug/m3	--	< 1 U	< 1 U	< 1.00 U	< 1.00 U	< 1.0 U	< 1.0 U	< 1.0 U
Bromodichloromethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Bromoethylene	ug/m3	--	< 0.87 U	< 0.87 U	NA	NA	< 0.87 U	< 0.87 U	< 0.87 U
Bromoform	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	--	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	4.5	14	NA	NA	3.4	2.1	6.1
Carbon disulfide	ug/m3	--	0.62 J	1.1 J	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	**6**	0.31	0.41	0.38	0.51	0.42	0.40	0.40
Chlorobenzene	ug/m3	--	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	--	11	41	NA	NA	3.8	29	2.9
Chloroethane	ug/m3	--	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	--	0.19 J	0.22 J	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
Chloromethane	ug/m3	--	0.61 J	0.64 J	1.52	< 1.00 U	1.2	0.63 J	0.74 J

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 4
Sub-Slab Soil Vapor Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	EW-8						
		Date	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**NYSDOH SO VI SS - 2017**							
cis-1,2-Dichloroethylene	ug/m3	**6**	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	--	0.44 J	0.24 J	< 1.00 U	< 1.00 U	< 0.69 U	0.99	0.42 J
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	--	2.3 J	3.7	3.51	1.25	3.0	3.2	2.8
Ethylbenzene	ug/m3	--	1	0.52 J	< 1.00 U	< 1.00 U	0.27 J	3.9	0.61 J
Heptane	ug/m3	--	1.5	1	1.53	< 1.00 U	< 0.82 U	1.8	< 0.82 U
Hexachlorobutadiene	ug/m3	--	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Hexane	ug/m3	--	1.2	0.8	20.7	< 1.00 U	< 0.70 U	1.3 J	2.9
Isopropylbenzene	ug/m3	--	0.85 J	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	0.54 J	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	1.67	3.18	< 2.2 U	15	2.2
Methyl methacrylate	ug/m3	--	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	--	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	100	1.9	< 1.7 U	3.17	< 3.00 U	< 1.7 U	< 1.7 U	0.75 J
Naphthalene	ug/m3	--	< 2.6 U	< 2.6 U	NA	NA	< 2.6 U	< 2.6 U	< 2.6 U
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	0.33 J	< 1.1 U
o-Xylene	ug/m3	--	1.5	0.65 J	< 1.00 U	1.24	0.46 J B	5.7	0.87
Propylbenzene	ug/m3	--	0.33 J	< 0.98 U	NA	NA	< 0.98 U	1.4	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	--	0.42 J	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	0.22 J	0.26 J
tert-Butyl alcohol	ug/m3	--	0.51 J	0.23 J	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	100	0.34 J	4.8	0.27	< 0.25 U	< 1.4 U	0.71 J	0.33 J
Tetrahydrofuran	ug/m3	--	1.4 J	0.39 J	1.43	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	--	9.2	2.3	5.27	4.29	0.95	11	2.8
trans-1,2-Dichloroethylene	ug/m3	--	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	**6**	0.52	0.68	< 0.20 U	0.39	< 0.19 U	0.19	< 0.19 U
Trichlorofluoromethane	ug/m3	--	1.7	2.3	2.03	5.36	1.5	2.7	2.1
Vinyl chloride	ug/m3	6	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	--	NA	NA	<1.00 U	<1.00 U	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	NA	633 E	NA	NA	NA
Ethyl acetate	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 5
Outdoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID			OA-1							OA-2						
Date			1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
1,1,1-Trichloroethane	ug/m3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*<1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	22000	0.48 J	0.48 J	< 1.00 U	< 1.00 U	< 1.5 U	0.43 J	0.41 J	0.6 J	0.59 J	< 1.00 U	<1.00 U	0.63 J	0.45 J	< 1.5 U
1,1,2-Trichloroethane	ug/m3	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*<1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	<1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	<0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	<1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	260	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	0.28 J	< 0.98 U	< 0.98 U	0.25 J	< 0.98 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*<1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	<1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	*0.47*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*<1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	260	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,3-Butadiene	ug/m3	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*<1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	<1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	<1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	2.5	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	< 1.00 U	<1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	< 0.93 U	< 0.93 U	NA	NA	< 0.93 U	0.18 J	< 0.93 U	< 0.93 U	< 0.93 U	NA	NA	< 0.93 U	< 0.93 U	< 0.93 U
2-Butanone (MEK)	ug/m3	22000	< 1.5 U	0.38 J	< 1.00 U	< 1.00 U	1.6	0.51 J	< 1.5 U	< 1.5 U	1 J	1.36	<1.00 U	< 1.5 U	< 1.5 U	1.4 J
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	130	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	0.2 J	< 1.00 U	<1.00 U	0.55 J	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	880	< 12 U	< 12 U	< 1.00 U	< 1.00 U	2.9 J	< 12 U	< 12 U	< 12 U	< 12 U	< 1.00 U	<1.00 U	< 12 U	< 12 U	7.9 J
4-Ethyltoluene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	13000	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	0.45 J	< 1.00 U	<1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	< 12 U	5.3 J	2.99	2.94	29	< 12 U	< 12 U	7.5 J	6.6 J	8.07	3.09	5.1 J	5.1 J	8.8 J
Allyl chloride	ug/m3	*2*	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	1.6	0.35 J	0.32 J	< 1.00 U	< 1.00 U	0.50 J	0.35 J	0.39 J	0.45 J	0.35 J	< 1.00 U	<1.00 U	0.49 J	0.33 J	0.67
Benzyl chloride	ug/m3	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U ^ **	*< 1.00 U*	*<1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*<1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	11	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	<1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	22	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	<1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	< 1.2 U	1.7	NA	NA	2.5	1.5	2.7	1.2	1.1 J	NA	NA	2.0	1.6	< 1.2 U
Carbon disulfide	ug/m3	3100	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	0.43 J	< 1.6 U	< 1.6 U	< 1.6 U	< 1.00 U	<1.00 UJ	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	2	0.37	0.39	0.35	0.47	0.43	0.37	0.26	0.4	0.43	0.34	0.48	0.57	0.41	0.27
Chlorobenzene	ug/m3	220	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	<1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	220000	0.78 J	2	NA	NA	1.1 J	2.1	0.90 J	0.97 J	1.8	NA	NA	1.0 J	1.5 J	0.89 J
Chloroethane	ug/m3	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	<1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	*0.53*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*<1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	390	< 1 U	1.2	1.18	< 1.00 U	1.5	1.1	1.1	< 1 U	1.2	1.22	1.02	1.2	1.2	1.1
cis-1,2-Dichloroethylene	ug/m3	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	<0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	26000	< 0.69 U	< 0.69 U	< 1.00 U	< 1.00 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 1.00 U	<1.00 U	< 0.69 U	< 0.69 U	0.48 J

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 5
Outdoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID			OA-1							OA-2						
Date			1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**														
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	<1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	440	2.2 J	2.1 J	2.16	1.39	2.7	2.0 J	1.9 J	2.6	2.3 J	2.31	1.28	2.7	2.2 J	2.0 J
Ethylbenzene	ug/m3	4.9	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	0.36 J	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 1.00 U	<1.00 U	0.33 J	< 0.87 U	< 0.87 U
Heptane	ug/m3	1800	< 0.82 U	< 0.82 U	< 1.00 U	< 1.00 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 1.00 U	<1.00 U	< 0.82 U	< 0.82 U	< 0.82 U
Hexachlorobutadiene	ug/m3	*0.56*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*<1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	3100	< 0.7 U	< 0.7 U	< 1.00 U	< 1.00 U	< 0.70 U	< 1.8 U	< 1.8 U	0.84	< 0.7 U	< 1.00 U	<1.00 U	< 0.70 U	< 1.8 U	1.5 J
Isopropylbenzene	ug/m3	1800	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	<1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	< 1.00 U	< 1.00 U	< 2.2 U	< 2.2 U	< 2.2 U	NA	NA	< 1.00 U	<1.00 U	< 2.2 U	< 2.2 U	0.52 J
Methyl methacrylate	ug/m3	3100	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	47	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	<1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 3.00 U	<3.00 U	< 1.7 U	< 1.7 U	1.1 J
Naphthalene	ug/m3	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	440	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	0.42 J B	< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U	< 1.00 U	<1.00 U	0.43 J B	< 0.87 U	< 0.87 U
Propylbenzene	ug/m3	4400	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	<1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 0.85 U	< 1.00 U	<1.00 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	22000	< 15 U	< 15 U	NA	NA	< 15 U	< 15 U	< 15 U	< 15 U	0.38 J	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	47	< 1.4 U	< 1.4 U	< 0.25 U	< 0.25 U	< 1.4 U	0.20 J	< 1.4 U	< 1.4 U	< 1.4 U	< 0.25 U	<0.25 U	< 1.4 U	< 1.4 U	< 1.4 U
Tetrahydrofuran	ug/m3	8800	< 15 U	< 15 U	< 1.00 U	< 1.00 U	0.47 J	< 15 U	< 15 U	< 15 U	2.6 J	< 1.00 U	<1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	22000	< 0.75 U	< 0.75 U	< 1.00 U	< 1.00 U	0.54 J	0.36 J	0.40 J	< 0.75 U	< 0.75 U	< 1.00 U	<1.00 U	0.50 J	< 0.75 U	2.3
trans-1,2-Dichloroethylene	ug/m3	180	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	<1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	<1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	3	< 0.19 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U	<0.20 U	< 0.19 U	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	1.3	1.2	1.22	1.26	1.5	1.1	1.0 J	1.6	1.2	1.30	1.27	1.4	1.2	1.1
Vinyl chloride	ug/m3	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	<0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	1.7	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	<1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	*0.18*	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	3.50	2.17	NA	NA	NA	NA	NA	3.82	4.46	NA	NA	NA
Ethyl acetate	ug/m3	310	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	<1.00 U	NA	NA	NA
Propene	ug/m3	13000	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	<1.00 U	NA	NA	NA

Notes:

<1.0 = Not detected at or above the laboratory reporting limit shown
NA = Not analyzed
NS = Not sampled
TR = Target cancer risk
HQ = Target hazard quotient
D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples
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.
<0.18 = Italicized values represent a laboratory detection limit is above RSL Criteria
Shaded ce Shaded and bolded cells represent an analyte concentration above applicable criteria
EPA THQ 1.0 IA: Indoor Air Screening Levels as published in 'Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1.0) November 2022' (United States Environmental Protection Agency)

Kleinfelder
300 Westage Business Ctr, Suite 210, Fishkill, NY

Table 5
Outdoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

		Location ID	OA-2D						OA-3						
		Date	1/5/2020	3/7/2020	3/21/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**													
1,1,1-Trichloroethane	ug/m3	22000	< 1.1 U	< 1.1 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
1,1,2,2-Tetrachloroethane	ug/m3	*0.21*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*	*< 1.00 U*	*< 1.00 U*	*< 1.4 U*	*< 1.4 U*	*< 1.4 U*
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/m3	22000	0.45 J	0.55 J	< 1.00 U	< 1.5 U	0.44 J	0.44 J	0.55 J	0.51 J	< 1.00 U	< 1.00 U	< 1.5 U	0.47 J	< 1.5 U
1,1,2-Trichloroethane	ug/m3	*0.77*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.1 U*	*< 1.1 U*	*< 1.1 U*
1,1-Dichloroethane	ug/m3	7.7	< 0.81 U	< 0.81 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1.00 U	< 1.00 U	< 0.81 U	< 0.81 U	< 0.81 U
1,1-Dichloroethylene	ug/m3	880	< 0.14 U	< 0.14 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.20 U	< 0.20 U	< 0.14 U	< 0.14 U	< 0.14 U
1,2,4-Trichlorobenzene	ug/m3	8.8	< 3.7 U	< 3.7 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 1.00 U	< 1.00 U	< 3.7 U	< 3.7 U	< 3.7 U
1,2,4-Trimethylbenzene	ug/m3	260	< 0.98 U	< 0.98 U	< 1.00 U	< 0.98 U	< 0.98 U	0.54 J	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,2-Dibromoethane (EDB)	ug/m3	*0.02*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*	*< 1.00 U*	*< 1.00 U*	*< 1.5 U*	*< 1.5 U*	*< 1.5 U*
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	--	< 1.4 U	< 1.4 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.00 U	< 1.00 U	< 1.4 U	< 1.4 U	< 1.4 U
1,2-Dichlorobenzene	ug/m3	880	< 1.2 U	< 1.2 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Dichloroethane	ug/m3	*0.47*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*	*< 1.00 U*	*< 1.00 U*	*< 0.81 U*	*< 0.81 U*	*< 0.81 U*
1,2-Dichloropropane	ug/m3	3.3	< 0.92 U	< 0.92 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
1,3,5-Trimethylbenzene	ug/m3	260	< 0.98 U	< 0.98 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
1,3-Butadiene	ug/m3	*0.41*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*	*< 1.00 U*	*< 1.00 U*	*< 0.44 U*	*< 0.44 U*	*< 0.44 U*
1,3-Dichlorobenzene	ug/m3	--	< 1.2 U	< 1.2 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.00 U	< 1.00 U	< 1.2 U	< 1.2 U	< 1.2 U
1,4-Dichlorobenzene	ug/m3	*1.1*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*	< 1.00 U	< 1.00 U	*< 1.2 U*	*< 1.2 U*	*< 1.2 U*
1,4-Dioxane	ug/m3	2.5	*< 18 U*	*< 18 U*	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	*< 18 U*	< 1.00 U	< 1.00 U	*< 18 U*	*< 18 U*	*< 18 U*
2,2,4-Trimethylpentane	ug/m3	--	< 0.93 U	< 0.93 U	NA	< 0.93 U	< 0.93 U	0.44 J	< 0.93 U	< 0.93 U	NA	NA	< 0.93 U	< 0.93 U	< 0.93 U
2-Butanone (MEK)	ug/m3	22000	0.24 J	0.79 J B	< 1.00 U	< 1.5 U	1.4 J	3.2	< 1.5 U	0.62 J B	< 1.00 U	< 1.00 U	1.0 J	0.56 J	< 1.5 U
2-Chlorotoluene	ug/m3	--	< 1 U	< 1 U	NA	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U	NA	NA	< 1.0 U	< 1.0 U	< 1.0 U
2-Hexanone	ug/m3	130	< 2 U	< 2 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
2-Propanol	ug/m3	880	< 12 U	< 12 U	< 1.00 U	1.2 J	< 12 U	37	< 12 U	< 12 U	1.41	< 1.00 U	1.3 J	4.7 J	< 12 U
4-Ethyltoluene	ug/m3	--	< 0.98 U	< 0.98 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
4-Isopropyltoluene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.1 U	1.5	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
4-Methyl-2-pentanone	ug/m3	13000	< 2 U	< 2 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	< 1.00 U	< 1.00 U	< 2.0 U	< 2.0 U	< 2.0 U
Acetone	ug/m3	--	< 12 U	< 12 U	3.18	20	6.8 J	17	< 12 U	3.3 J	5.18	3.18	18	4.9 J	< 12 U
Allyl chloride	ug/m3	*2*	< 1.6 U	< 1.6 U	NA	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	NA	NA	< 1.6 U	< 1.6 U	< 1.6 U
Benzene	ug/m3	1.6	0.24 J	0.36 J	< 1.00 U	0.54 J	0.38 J	1.4	0.39 J	0.29 J	< 1.00 U	< 1.00 U	0.48 J	0.36 J	0.30 J
Benzyl chloride	ug/m3	*0.25*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*	*< 1 U*	*< 1 U*	*< 1.00 U*	*< 1.00 U*	*< 1.0 U*	*< 1.0 U*	*< 1.0 U*
Bromodichloromethane	ug/m3	*0.33*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*	*< 1.00 U*	*< 1.00 U*	*< 1.3 U*	*< 1.3 U*	*< 1.3 U*
Bromoethylene	ug/m3	*0.82*	*< 0.87 U*	*< 0.87 U*	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*	NA	NA	*< 0.87 U*	*< 0.87 U*	*< 0.87 U*
Bromoform	ug/m3	11	< 2.1 U	< 2.1 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.00 U	< 1.00 U	< 2.1 U	< 2.1 U	< 2.1 U
Bromomethane	ug/m3	22	< 0.78 U	< 0.78 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U	< 1.00 U	< 1.00 U	< 0.78 U	< 0.78 U	< 0.78 U
Butane	ug/m3	--	0.8 J	1.3	NA	1.9	2.0	< 1.2 U	< 1.2 U	1.2	NA	NA	1.8	1.7	1.3
Carbon disulfide	ug/m3	3100	< 1.6 U	< 1.6 U	< 1.00 U	< 1.6 U	2.7	2.8	< 1.6 U	< 1.6 U	< 1.00 U	< 1.00 U	< 1.6 U	< 1.6 U	< 1.6 U
Carbon tetrachloride	ug/m3	2	0.37	0.38	0.36	0.34	0.42	0.35	0.44	0.27	0.38	0.48	0.40	0.36	0.28
Chlorobenzene	ug/m3	220	< 0.92 U	< 0.92 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.00 U	< 1.00 U	< 0.92 U	< 0.92 U	< 0.92 U
Chlorodifluoromethane	ug/m3	220000	0.87 J	2	NA	1.2 J	2.9	1.1 J	1.1 J	2.2	NA	NA	1.2 J	3.3	0.82 J
Chloroethane	ug/m3	18000	< 1.3 U	< 1.3 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.00 U	< 1.00 U	< 1.3 U	< 1.3 U	< 1.3 U
Chloroform	ug/m3	*0.53*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*	*< 1.00 U*	*< 1.00 U*	*< 0.98 U*	*< 0.98 U*	*< 0.98 U*
Chloromethane	ug/m3	390	0.89 J	1.1	1.19	1.6	1.2	1.2	< 1 U	1.1	1.24	< 1.00 U	1.3	1.2	0.97 J
cis-1,2-Dichloroethylene	ug/m3	--	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
cis-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Cyclohexane	ug/m3	26000	< 0.69 U	< 0.69 U	< 1.00 U	< 0.69 U	< 0.69 U	1.8	< 0.69 U	< 0.69 U	< 1.00 U	< 1.00 U	< 0.69 U	< 0.69 U	< 0.69 U

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Table 5
Outdoor Air Sampling Analytical Results
CHGE Little Britain Road Service Center
610 Little Britain Road
New Windsor, New York

Location ID			OA-2D						OA-3						
Date			1/5/2020	3/7/2020	3/21/2020	1/16/2021	2/19/2022	1/28/2023	1/5/2020	3/7/2020	3/21/2020	5/31/2020	1/16/2021	2/19/2022	1/28/2023
Chemical	**Units**	**EPA RSL - IND AIR-HQ1 (NOV 2022)**													
Dibromochloromethane	ug/m3	--	< 1.7 U	< 1.7 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.00 U	< 1.00 U	< 1.7 U	< 1.7 U	< 1.7 U
Dichlorodifluoromethane	ug/m3	440	1.9 J	2.5	2.14	2.5	2.2 J	2.0 J	2.6	2.4 J	2.23	1.35	2.9	2.3 J	1.8 J
Ethylbenzene	ug/m3	4.9	< 0.87 U	< 0.87 U	< 1.00 U	0.31 J	< 0.87 U	0.69 J	< 0.87 U	< 0.87 U	< 1.00 U	< 1.00 U	0.27 J	< 0.87 U	< 0.87 U
Heptane	ug/m3	1800	< 0.82 U	< 0.82 U	< 1.00 U	< 0.82 U	0.24 J	< 0.82 U	< 0.82 U	< 0.82 U	< 1.00 U	< 1.00 U	< 0.82 U	0.24 J	< 0.82 U
Hexachlorobutadiene	ug/m3	*0.56*	*< 2.1 U **	*< 2.1 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*	*< 1.00 U*	*< 1.00 U*	*< 2.1 U*	*< 2.1 U*	*< 2.1 U*
Hexane	ug/m3	3100	< 0.7 U	< 0.7 U	< 1.00 U	< 0.70 U	< 1.8 U	7.0	< 0.7 U	< 0.7 U	< 1.00 U	< 1.00 U	< 0.70 U	< 1.8 U	< 1.8 U
Isopropylbenzene	ug/m3	1800	< 0.98 U	< 0.98 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 1.00 U	< 1.00 U	< 0.98 U	< 0.98 U	< 0.98 U
m,p-Xylene	ug/m3	--	NA	NA	< 1.00 U	< 2.2 U	< 2.2 U	1.9 J	NA	NA	< 1.00 U	< 1.00 U	< 2.2 U	< 2.2 U	< 2.2 U
Methyl methacrylate	ug/m3	3100	< 2 U	< 2 U	NA	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2 U	NA	NA	< 2.0 U	< 2.0 U	< 2.0 U
Methyl tert-butyl ether	ug/m3	47	< 0.72 U	< 0.72 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U	< 1.00 U	< 1.00 U	< 0.72 U	< 0.72 U	< 0.72 U
Methylene chloride	ug/m3	1200	< 1.7 U	< 1.7 U	< 3.00 U	< 1.7 U	< 1.7 U	4.2	< 1.7 U	< 1.7 U	< 3.00 U	< 3.00 U	< 1.7 U	0.60 J	< 1.7 U
Naphthalene	ug/m3	*0.36*	*< 2.6 U*	*< 2.6 U*	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*	NA	NA	*< 2.6 U*	*< 2.6 U*	*< 2.6 U*
n-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
o-Xylene	ug/m3	440	< 0.87 U	0.24 J B	< 1.00 U	0.30 J B	< 0.87 U	0.78 J	< 0.87 U	0.25 J B	< 1.00 U	< 1.00 U	0.30 J B	< 0.87 U	< 0.87 U
Propylbenzene	ug/m3	4400	< 0.98 U	< 0.98 U	NA	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	NA	NA	< 0.98 U	< 0.98 U	< 0.98 U
sec-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.00 U	< 1.00 U	< 1.1 U	< 1.1 U	< 1.1 U
Styrene	ug/m3	4400	< 0.85 U	< 0.85 U	< 1.00 U	< 0.85 U	< 0.85 U	0.47 J	< 0.85 U	< 0.85 U	< 1.00 U	< 1.00 U	< 0.85 U	< 0.85 U	< 0.85 U
tert-Butyl alcohol	ug/m3	22000	< 15 U	< 15 U	NA	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	NA	NA	< 15 U	< 15 U	< 15 U
tert-Butylbenzene	ug/m3	--	< 1.1 U	< 1.1 U	NA	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	NA	NA	< 1.1 U	< 1.1 U	< 1.1 U
Tetrachloroethylene	ug/m3	47	< 1.4 U	< 1.4 U	< 0.25 U	< 1.4 U	< 1.4 U	0.52 J	< 1.4 U	< 1.4 U	< 0.25 U	< 0.25 U	< 1.4 U	0.27 J	< 1.4 U
Tetrahydrofuran	ug/m3	8800	< 15 U	< 15 U	< 1.00 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 1.00 U	< 1.00 U	< 15 U	< 15 U	< 15 U
Toluene	ug/m3	22000	< 0.75 U	< 0.75 U	< 1.00 U	0.61 J	0.48 J	9.8	< 0.75 U	< 0.75 U	< 1.00 U	< 1.00 U	0.53 J	0.40 J	0.19 J
trans-1,2-Dichloroethylene	ug/m3	180	< 0.79 U	< 0.79 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 1.00 U	< 1.00 U	< 0.79 U	< 0.79 U	< 0.79 U
trans-1,3-Dichloropropene	ug/m3	--	< 0.91 U	< 0.91 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 1.00 U	< 1.00 U	< 0.91 U	< 0.91 U	< 0.91 U
Trichloroethylene	ug/m3	3	< 0.19 U	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U
Trichlorofluoromethane	ug/m3	--	1.2	1.3	1.27	1.4	1.2	2.0	1.5	1.3	1.35	1.30	1.5	1.2	0.93 J
Vinyl chloride	ug/m3	2.8	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
1,1,1,2-Tetrachloroethane	ug/m3	1.7	NA	NA	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Acrylonitrile	ug/m3	*0.18*	NA	NA	*<1.00 U*	NA	NA	NA	NA	NA	*<1.00 U*	*<1.00 U*	NA	NA	NA
Ethanol	ug/m3	--	NA	NA	3.67	NA	NA	NA	NA	NA	7.32	1.76	NA	NA	NA
Ethyl acetate	ug/m3	310	NA	NA	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA
Propene	ug/m3	13000	NA	NA	< 1.00 U	NA	NA	NA	NA	NA	< 1.00 U	< 1.00 U	NA	NA	NA

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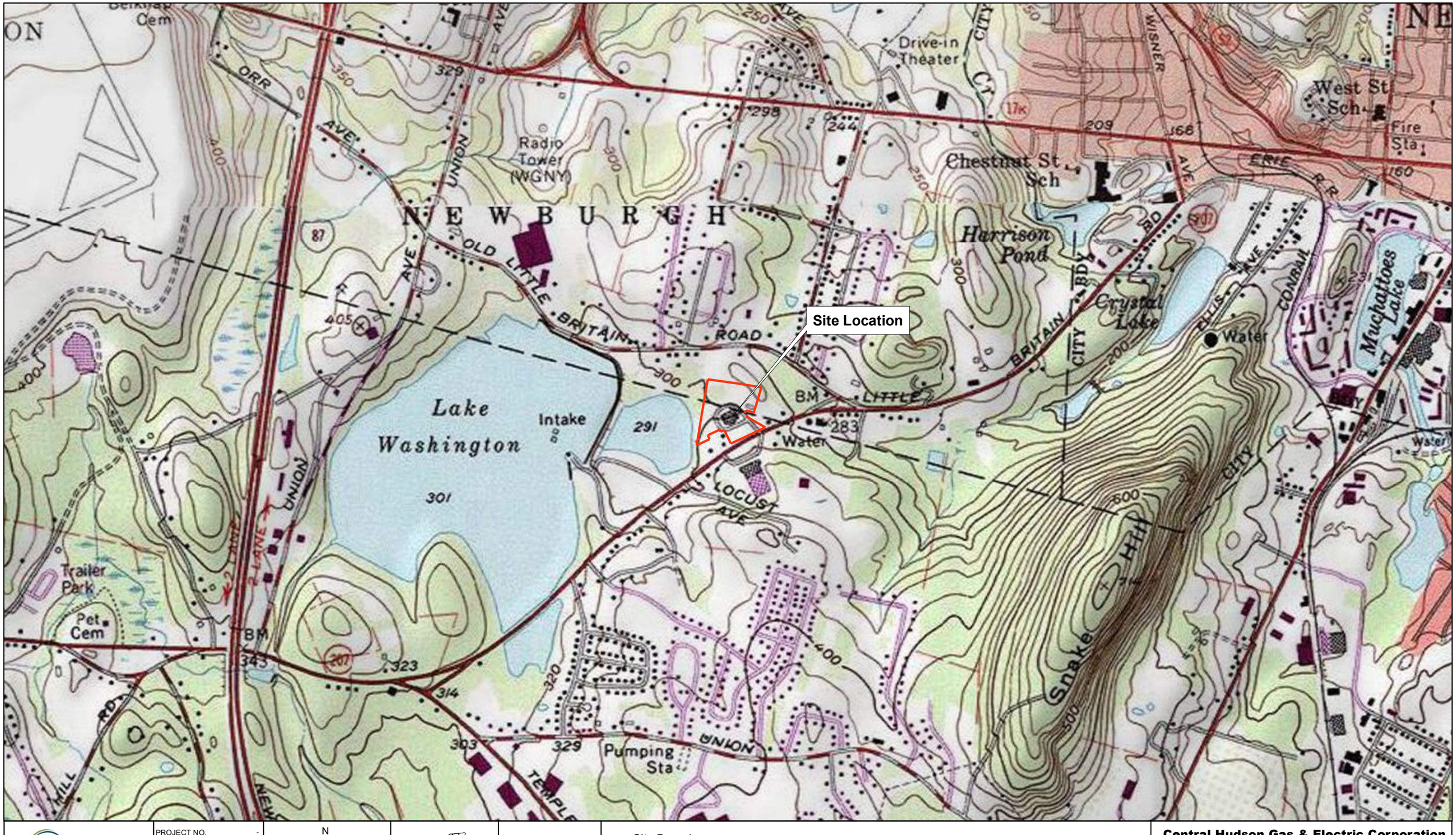
FIGURES



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PROJECT NO.	-
DRAWN BY:	SMW
CHECKED BY:	JC
FILE NAME:	SiteLocationMap

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Orange County, New York

Aerial Imagery: ESRI

— Site Boundary

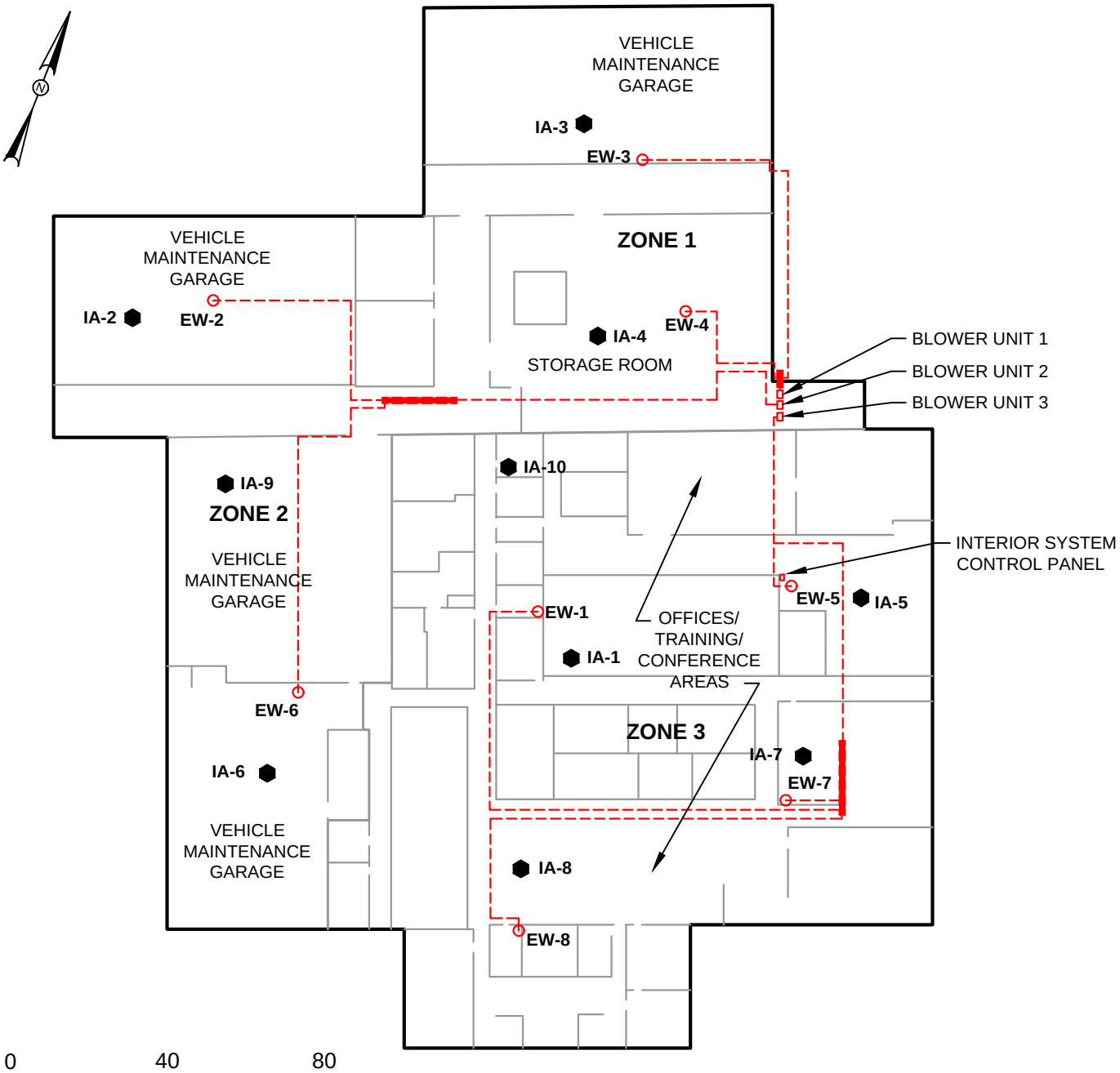
Central Hudson Gas & Electric Corporation

Figure 1
Site Location Map
610 Little Britain Road, New Windsor, New York

Date: 1/3/2019

Index Map

PLOTTED: 1/20/2020 8:35 AM BY: jeff sala



REFERENCE:
BASE MAPPING CREATED FROM THE FOLLOWING: PLAN TITLED "FIGURE 3 SUBSLAB DEPRESSURIZATION SYSTEM PIPING DIAGRAM & CONTROLS LAYOUT", DATED: JAN. 2009, AND PREPARED BY THE CHAZEN COMPANIES

LEGEND

- IA-10 ⬢ INDOOR AIR SAMPLE LOCATION
- EW-8 ○ EXTRACTION WELL
- TWO INCH DIAMETER VACUUM LINE
- FOUR INCH DIAMETER VACUUM LINE

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PROJECT NO.	20190147
DRAWN BY:	JDS
CHECKED BY:	AC
DATE:	01/20/2019
REVISED:	

SITE PLAN WITH AIR SAMPLE LOCATIONS

CHGE LITTLE BRITAIN ROAD FACILITY
610 LITTLE BRITAIN ROAD
NEW WINDSOR, NEW YORK

FIGURE
2

CAD FILE: W:\20192019014 7.001A - CHGE Little Britain Road\20190147.dwg

MW06-9C
MW96-6
MW18-14A
MW18-14C
MW18-10A
MW18-14B
MW18-10C
MW96-7B
MW18-10B
OA-2
MW18-8D
MW18-13B
MW01-8A
MW18-8E
MW06-2C
MW18-11B
MW18-8F
MW18-13C
MW18-11C
OA-3
MW94-2B
MW18-11A
MW01-8B
MW94-1B
MW94-2
MW18-12A
MW18-12C
SG-1
MW18-12B
MW94-3
MW94-5
OA-1
MW94-4B2
(Abandoned)
MW06-4C
(Abandoned)

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PROJECT NO.	-
DRAWN BY:	SMW
CHECKED BY:	JC
FILE NAME:	OutdoorAirSampleLocation

N
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0 50 100 Ft

Orange County, New York

Aerial Imagery: ESRI

Site Boundary
Monitoring Well
Staff Guage
OA-3 Outdoor Air Sample Location

Central Hudson Gas & Electric Corporation

Figure 3
Outdoor Air Sample Locations
610 Little Britain Road, New Windsor, New York

Date: 1/20/2020

Index Map

APPENDIX A

Sub-Slab Depressurization System Downtime Log

Central Hudson Gas & Electric Corporation - Little Britain Road Service Center
Sub-Slab Depressurization System Downtime Log - 2023 Events

Event Number	Approximate Time of Shutdown	Approximate Time of Restart	Approximate Downtime in Hours			Reason
			1	2	3	
Jan-23						
1	1/8/23 8:47 AM	1/8/23 11:09 AM	-	-	2.37	Blower 3 lost power.
2	1/9/23 1:02 PM	1/9/23 2:36 PM	1.57	1.57	1.57	Blowers 1, 2 and 3 lost power.
3	1/28/23 3:31 AM	1/28/23 7:33 AM	4.03	4.03	4.03	Blowers 1, 2 and 3 lost power.
Feb-23						
1	2/4/23 3:50 AM	2/5/23 9:00 AM	-	-	29.17	Pressure switch for Blower 3 was tripped.
2	2/5/23 2:59 AM	2/5/23 9:33 AM	-	6.57	-	Pressure switch for Blower 2 was tripped.
3	2/28/23 4:35 PM	3/1/23 7:10 AM	-	14.58	-	Pressure switch for Blower 2 was tripped.
Mar-23						
0	NA	NA	NA	NA	NA	NA
Apr-23						
0	NA	NA	NA	NA	NA	NA
May-23						
1	5/26/23 1:28 PM	5/30/23 7:36 AM	90.13	90.13	90.13	Blowers 1, 2 and 3 lost power.
Jun-23						
1	6/26/23 12:57 PM	6/26/23 12:59 PM	0.03	0.03	0.03	Blowers 1, 2 and 3 lost power.
Jul-23						
1	7/4/23 6:01 AM	7/5/23 7:28 AM	-	-	25.45	Blower 3 lost power.
2	7/9/23 4:25 PM	7/10/23 7:24 AM	14.98	-	-	Blower 1 lost power.
3	7/18/23 9:54 AM	7/18/23 10:17 AM	0.39	0.39	0.39	Blowers 1, 2 and 3 lost power.
Aug-23						
1	8/18/23 5:46 AM	8/18/23 9:42 AM	-	-	3.93	Blower 3 lost power.
Sep-23						
1	9/7/23 7:44 AM	9/7/23 8:16 AM	0.53	0.53	-	Blowers 1 and 2 lost power.
2	9/18/23 11:43 AM	9/18/23 12:57 PM	1.23	1.23	1.23	Blowers 1, 2 and 3 lost power.
Oct-23						
0	NA	NA	NA	NA	NA	NA
Nov-23						
0	NA	NA	NA	NA	NA	NA
Dec-23						
1	12/14/23 11:55 PM	12/15/23 12:31 PM	12.60	12.60	12.60	Blowers 1, 2 and 3 lost power.

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Central Hudson Gas & Electric Corporation - Little Britain Road Service Center
Sub-Slab Depressurization System Downtime Log - 2023 Total Runtime

Blower #	Monitoring Period Start	Monitoring Period End	Total Hours in Period	Total Downtime Hours	% Uptime	% Downtime
1	1/1/23 12:00 AM	12/31/23 11:59 PM	8760	125.51	99%	1%
2	1/1/23 12:00 AM	12/31/23 11:59 PM	8760	131.68	98%	2%
3	1/1/23 12:00 AM	12/31/23 11:59 PM	8760	170.91	98%	2%

Total runtime of the SSDS:	8760	207.58	98%	2%

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300 Westage Bus. Center, Ste. 210, Fishkill, NY

APPENDIX B

Pre-Sampling Checklists

Site No.: 20234595.001A **Site Name:** Central Hudson Gas & Electric

Date: 1/12/2024 **Time:** 11:46 AM

Structure Address: 610 Little Britain Road, New Windsor, NY

Preparer's Name & Affiliation: Dan Garvey / Kleinfelder

Residential? □ Yes ■ No **Owner Occupied**? ☑ Yes □ No **Owner Interviewed**? □ Yes ☑ No

Commercial? ☑ Yes □ No **Industrial?** □ Yes ☑ No **Mixed Uses?** □ Yes ☑ No

Identify all non-residential use(s): Electric and Gas Company

Maintenance Name: Herb Jones **Maintenance Phone:** (845) 372 - 9137

Secondary Owner Phone: ( ) -

Owner Address (if Different): N/A

Occupant Name: Central Hudson Gas & Electric (CHGE) **Occupant Phone:** ( ) -

Number & Age of All Persons Residing at this Location: N/A (non-residential)

Additional Owner/Occupant Information:

Describe Structure (style, number floors, size): One Floor, concrete slab

Approximate Year Built: Is the building Insulated? ☑ Yes □ No

Lowest Level: ☑ Slab-on-Grade □ Basement □Crawlspace

Describe Lowest Level (Finishing, use, time spent in space): Offices, conference rooms, garages, storage

Floor Type: ☑ Concrete Slab □ Dirt □ Mixed:

Floor Condition: □ Good (Few or no Cracks) ☑ Average (Some Cracks) □ Poor (Broken Concrete or Dirt)

Sumps/Drains? ☑ Yes □ No **Describe:** Men's Bathroom, Break Room Sink, Roof Drainage, First Aid Room

Identify other floor penetrations & details: Extraction wells-sealed

Wall Construction: ☑ Concrete Block □ Poured Concrete □ Laid-Up Stone

Identify any wall penetrations: Electric, gas, drainage, duct-ventilation

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, ect): Standing water / Ice on the flat roof

Heating Fuel: □ Oil ☑ Gas □ Wood □ Electric □ Other:

Heating System: ☑ Forced Air □ Hot Water □ Other:

Hot Water System: □ Combustion ☑ Electric □ Boilermate: □ Other:

Clothes Dryer: □ Electric □ Gas □ Where is dryer vented to? N/A

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, ect.):

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to): Pull from roof - vent throughout building; fan exhaust in garage - vent outside

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

Chemical use/ storage and workshops located in vehicle bay areas and storage room, no smoking in building

Attached Garage? ☐Yes ☑No Air Fresheners? ☑Yes ☐ No

New Carpet or Furniture? ☐ Yes ☑No What/Where? _____

Recent painting or staining? ☐Yes ☑No Where? _____

Any solvent or chemical-like odors? ☑Yes ☐ No Describe: In storage room

Last time Dry Cleaned fabrics brought in? N/A What/Where? N/A

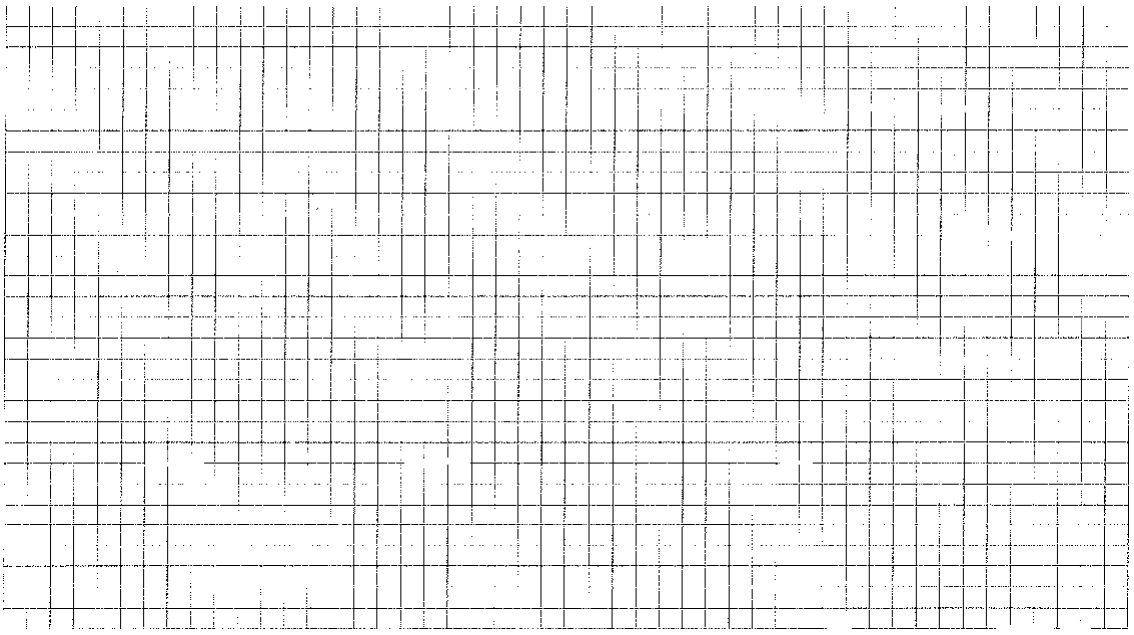
Do any building occupants use solvents at work? ☑Yes ☐ No Describe: degreasers, cleaning agents

Any testing for Radon? ☐ Yes ☑No Results: _____

Radom System/Soil Vapor Intrusion Mitigation System present? ☑Yes ☐ No If yes, describe: _____

SSDS in place and active with 8 extraction wells and 3 blowers

Lowest Building Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	######	Areas of broken-up concrete
WS	Wood Stoves	• ss-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	• IA-1	Location & label of indoor air samples
S	Sumps	• OA-1	Location & label of outdoor air samples
@	Floor Drains	• PFET-1	Location and label of any pressure field test holes.

Date of Event: 1/28/2023
KLF Project No. 20234595.001A
Site Name: Central Hudson Gas & Electric
PID Make & Model: ppbRAE 3000 **PID Calibration Date:** 1/28/2023

Vehicle Maintenance Garage - IA-6

Description: 6 Maintenance bays. 6 vehicles present
Nearest Air Sample Location: IA-6

Product	Photo	Quantity	Condition*	Main Ingredients	PID Reading
Generator, portable oil fire heather , fire extinguishers (15 small, 4 big)	57	See Product Description	UO	Ammonium Hydrogen Sulfate	0.07 ppm
Used oil (275-galon), drum (unknown content 55-galon), antifreeze &coolant (55-gal), waste antifreeze & coolant (5-galon), used oil (2 18-gal), hydraulic oil (55-gal), waste oil absorbent pads	58	See Product Description	UO/U	Distillates, Manoethylen Glycol, Petroleum Distillates, Heavy, C18-50	0.07 ppm
Unknown liquids store in different kind and size buckets (presumably oil)	59	See Product Description	U	--	0.069 ppm
Diesel plastic can (5-gal), Gasoline plastic can (5-gal), hydraulic fluid (2.5 gal), antifreeze &coolant (1),hydraulic transmission oil (5-gal), synthetic lube (2 *5-gal), compressor oil (1 gal), hydraulic fluid (3* 5-gal)	60	See Product Description	UO/U	Distillates, Manoethylen Glycol, Petroleum Distillates, Lubricant Base Oil, Heavy, C18-50	0.07 ppm
Car & truck cleaner (2* 5-gal), compressor oil (1-gal), antifreeze/ coolant (6* 1-gal), transmission fluid (1 gal), gasoline plastic can (2.5 gal and 1-gal), hydraulic & compressor oil (2* quart), unknown cleaner stored in a simple green bottle	61	See Product Description	UO/U	Manoethylen Glycol, Distillates, Manoethylen Glycol, Petroleum Distillates, Heavy, C18-50	0.151 ppm
Chance silicon lube (6 sealed)	62	See Product Description	UO	Lubricant Base Oil	0.147 ppm
Nitrogen cylinder, NOs cylinder, fire extinguishers (9)	63	See Product Description	UO	Amonium Hydrogen Sulfate, Nitrogen	0.148 ppm
Sweeping compound	64	See Product Description	--	--	0.148 ppm
Sherlock leak detector, orange gel degreaser, simple green, eyewash saline	65	See Product Description	UO/U	--	0.147 ppm
Heavy duty cleaner (2)	66	See Product Description			0.148 ppm

Sweeping compound, fire extinguisher	67	See Product Description	UO/U	Ammonium Hydrogen Sulfate	0.145 ppm
Unknown content spray bottle	68	See Product Description	U	Not labeled	0.147 ppm
Furl system cleaner (6* 11oz sealed), bar and saw chain lube (1), starting fluid (1), injector cleaner (1), engine oil (2), spray lube (1), unknown liquid store in a simple green bottle (1), adhesive sealant (1), static suppressor (1), fluid film lube (1 sealed), odor eliminator (1), graphite lube (2), break parts cleaner (5 sealed), drill lube (1), cutting lube (1), safety cabinet	69	See Product Description	UO/U	Lubricant Base Oil	0.152 ppm
Synthetic oil motor (6 open 4 sealed * 5quart), penetrating oil (1), motor oil (1 quart), simple green, battery cleaner (3), fluid film lube (2 open 1 sealed), brake cleaner, silicon lube, hydraulic fluid (1 quart)	70	See Product Description	UO/U	Lubricant Base Oil, Petroleum Distillates, Distillates, Heavy, C18-50	0.152 ppm
Refrigerant (5 sealed), lubricant oil (4 sealed)	71	See Product Description	UO	Lubricant Base Oil	0.143 ppm
Aero-kroil, penetrating oil, silicone (1 sealed), glass cleaner, simple green (2), disinfectant, engine oil (5 quart), Diesel oil (5-gal)	72	See Product Description	UO/U	Petroleum Distillates	0.143 ppm
Buckets wit presumably waste oil, waste oil can, windshield wash (55-gal)	73	See Product Description	UO/U	Petroleum Distillates, Methanol	0.149 ppm
Motor oil (4* 5quart, 1 sealed), steering fluid (1- gal), motor oil (4* quart), transmission fluid (2 * quart), diesel fuel winterizer (3), lube (1), oil cans (2), unknown liquid store in spray bottle.	74	See Product Description	UO/U	Petroleum Distillates	0.148 ppm
Motor oil (2 * 275-gal), hydraulic fluid (55-gal), Mobil grease (2), gas oil (5-gal bucket)	75	See Product Description	U	Petroleum Distillates, Lubricant Base oil	0.146 ppm
Transmission fluid (55-gal), fire extinguisher	76	See Product Description	U	Ammonium Hydrogen Sulfate, Petroleum Distillates	0.147 ppm
Break part cleaner (1), cleaner degreaser(3), ignition & battery terminal sealer (1), battery cleaner (1), simple green, Aero-Kroil lube (1), fluid film lube (2), lithium grease (1),	77	See Product Description	UO/U	Heptane, Acetone and Carbon Dioxide, Lubricant Base Oil	0.151 ppm
Argon carbon dioxide cylinder, Acetyline cylinder, Oxigen cylinder	78	See Product Description	U	Argon, Carbon Dioxide, Acetyline, Oxygen	0.154 ppm
Oil pan, transmission fluid (1), propane torch, fire extinguisher	79	See Product Description	U	Petroleum Distillates, Propane, Ammonium Hydrogen Sulfate	0.148 ppm
1 stationed vehicle	80	See Product Description	N/A	Petroleum Distillates	0.148 ppm

*__Unopened (UO), Used (U)__

Description: Vehicle maintenance garage. 6 bays, 6 vehicles at time of sampling
Nearest Air Sample Location: IA-9

Product	Photo	Quantity	Condition*	Main Ingredients	PID Reading
1 Fire Extinguisher	83	See Product Description	UO	Ammonium Hydrogen Sulfate	0.095 ppm
1 Antibacterial Wipes	84	See Product Description	U	--	0.094ppm
Air tool oil lube, unmarked liquid (1 quart)	85	See Product Description	UO	Lubricant Base Oil	0 ppm
Ice melt (2 buckets)	86	See Product Description	U	--	0.125 ppm
Ice melt (2 buckets)	87	See Product Description	U	--	0.125 ppm
Meter oil (1), Sherlock leak detector (2), wax tape primer	88	See Product Description	U	Mineral Oil	0.107 ppm
IGT static suppressor (2), dupli-color enamel pain (1), fluid film lube (1), pvc cement, purple primer, thread sealant, pipe joint seal, quick -mark paint , PST-504 silicon lube (2), glass cleaner, grime-away (2), disinfectant, engine oil (4 sealed), PID 0.105	89	See Product Description	UO/U	Aerosol, Base oil, Belite, Alite, tricalcium aluminate, distillates, Ethanol, propane, Butane, Ethanol 2-butoxy, petroleum distillates	0.105 ppm
Lead off cleaning wipes, Lysol, simple green	90	See Product Description	U	--	0.091 ppm
Testing concentrate (2 55-galon blue drum), hand sanitizer, Sherlock leak detector (2), wasp & hornet killer (2), kontrol odor eliminator (1), gojo hand cleaner (2), alcohol wipes (1)	91	See Product description	UO/U	Isopropyl Alcohol, Petroleum distillates	0.98 ppm
Ridged Cutter machine observed on a secondary containment. The secondary containment had splashed oil.	92	See Product description	--	Petroleum Distillates	0.124 ppm
Multi-pack air car system cylinders	93	See Product Description	--		0.115 ppm
Chainsaw	94	See Product Description	n/a	--	0.110 ppm

Generator, asphalt patch(54 60lbs), all purpose sand (52 50-lbs), concrete cutting machines (4), plastics gas tank (1), hydraulic cement (2),	95	See Product Description	UO/U	Belite, Alite , tricalcium aluminate, Asphalt	0.156 ppm
Glass cleaner (1), simple green (1), disinfectant Spartan (1), wasp& hornet killer (1), windshield de-icer (2), bleach (1), car & truck cleaner (1), antifreeze (3), gas cans (3 2.5 gal), flammable cabinet, ice melt (1), unknown contents buckets (2), hydraulic fluid (1 5-gal bucket	96	See Product Description	UO/U	Ethanol, Propane, Butane, Ethanol 2-butoxy, Petroleum distillates, Methanol and ethylene glycol, bleach, lubricant base oil, Monoethelyne Glycol	0.154 ppm
Fire Extinguisher	97	See Product Description	UO	Ammonium Hydrogen Sulfate	0.113 ppm
4 Stationed Vehicles	98	See Product Description	--	--	0.112 ppm

*__Unopened (UO), Used (U)__

Description: Vehicle maintenance garage. 6 bays, 3 CHGE vehicles present at time of sampling
Nearest Air Sample Location: IA-2

Product	Photo	Quantity	Condition*	Main Ingredients	PID Reading
Grime-away 1	4	See Product Description	UO	Butoxyethanol	0.059 ppm
Fire Extinguisher 1	5	See Product Description	UO	Ammonium Hydrogen Sulfate	0.020 ppm
Flammable Cabinet	6	1	--	--	0.021 ppm
Fire Extinguisher 1	7	1	UO	Ammonium Hydrogen Sulfate	0.120 ppm
Rust-oleum gloss enamel (1), insect repellent (1), Earo-Kroil (2 cans)	8	See Product Description	UO/U	Acetone, Toluene, Propane, Butane, Petroleum distillates, Diisobutyl ketone	0.119 ppm
Rust-oleum gloss enamel, fire extinguisher, flammable cabinet	9	See Product Description	UO/U	Acetone, Toluene, Propane, Butane, Ammonium Hydrogen Sulfate	0.110 ppm
Excalibur E7018 (3)	10	See Product Description	UO/U	--	0.103 ppm
Simple green cleaner	11	1	U	--	0 .110ppm
Oxygen cylinder, acetylene dissolve cylinder, weld Cocteau nozzle gel,	12	See Product Description	UO/U	Oxygen, acetylene	0.107 ppm
Aero-krill lube, weld cote anti-spatter, paint pen (3)	13	See Product Description	UO/U	Base Oil	0.105 ppm
Grime-away	14	1	U	Butoxyethanol	0.163 ppm
Fire Extinguisher	15	1	UO	Ammonium Hydrogen Sulfate	0.89 ppm
OTR exhausted fluid (37 sealed)	16	See Product Description	UO	--	0.097 ppm
Quick mark (4), aervo paint (2), CRC fire resistant sealant (1 sealed), NI-712 odor eliminator (2), rust-oleum (1),Aerokroil lube (1 open 1 sealed), Burndy electrical compound joint (1), spray paint (2), wasp & hornet killer (3), insect repellent (1), PF solvent degreaser (1)	17	See Product Description	UO/O	Acetone, Toluene, Propane, Butane, Ammonium Hydrogen Sulfate, Petroleum Distillates	0.115 ppm
Concrete cutter	18	1	--	--	0.096 ppm
solvent degreaser (1), lead off cleaning wipes (3), simple green degreaser (1),	19	See Product Description	UO/U	Isopropyl Alcohol	0.098 ppm
Hydraulic cement (20 lb and 10 lb),	20	See Product Description	UO/U	Belite, Alite , tricalcium aluminate	0.094 ppm
Heat generating pellets, propane gas can (16.6 lbs), chain saw	21	See Product Description	UO/U	Propane	0.094 ppm

Nitrogen cylinder, fire extinguisher	22	See Product Description	UO/U	Nitrogen, Ammonium Hydrogen Sulfate	0.0097 ppm
Station trucks	23	2	--	--	0.097 ppm

Description: Vehicle maintenance garage. 8 bays, 7 CHGE vehicles present at time of sampling
Nearest Air Sample Location: IA-3

Product	Photo	Quantity	Condition*	Main Ingredients	PID Reading
Fire Extinguisher	24	1	OU/U	Ammonium Hydrogen Sulfate	0.043 ppm
Sweeping Compund	25	1	U	--	0.040 ppm
Quick-Mark Paint	26	1	U	Acetone, Toluene, Propane, Butane	0.038 ppm
Aervo paint, CRC power lube, Talin sealing compound, insect repellent, Rust-oleum gloss enamel	27	See Product Description	UO/U	Acetone, Toluene, Propane, Butane, Oil Base	0.038 ppm
Hornets & wasp killer (6cans), insect repellent (1 open, 2 sealed),sawyer insect repellent (1), loctite rust dissolver (1), chance silicon lube (1), fluid film lube (1), triple quick disinfect (1 open 2 sealed), polar power lube (1) PID 0.037	28	See Product Description	UO/U	Oil Base, Petroleum Distillates	0.037 ppm
Fire Extinguisher	29	1	OU	Ammonium Hydrogen Sulfate	0.027 ppm
Glass cleaner (2), Aero-Kroil lube (1), LPS electro cleaner (2), air freshener	30	2	OU/U	Petroleum distillates, Diisobutyl ketone	0.030 ppm
Dry film lube	31	1	U	Lubricant Base Oil	0.030 ppm
Chance silicon lube, CRC power lube, Grime-away, Lysol, LPS electro cleaner, simple green cleaner, NI-712 odor eliminator	32	See Product Description	UO/U	Lubricant Base Oil, Aliphatic Petroleum Solvent	3.129 ppm
Black battery terminal protector, Pitt bull interior/exterior primer, dupli-color primer, Lysol	33	See Product Description	UO/U	Acetone, Toluene, Propane, Butane,	0.161 ppm

Aervo spray paint (2 cans), valspar anti rust (4), Pitt bull primer (2), chance silicon lubricant (4), insect repellent (4), tick repellent duranon (1), off-guard electrical coating (1) , quick-mark (2), outlast rubber coating (1), Wasp& hornet killer (4), Enviro-response penetrating oil (1), fluid film lube (1), Aero-Krio (4), EEC electrical cleaner (1), TECnique primer (1), Terane lube (1), Gojo hand cleaner	34	See Product Description	UO/U	Acetone, Toluene, Propane, Butane, Lubricant Base Oil, Petroleum Distillate, Petroleum distillates, Diisobutyl ketone	0.066 ppm
Leaf blower	35	1	--	--	0.033 ppm
Salisbury cleaner (1) gal, kontrol odor eliminator (1 can, 1 quart), Stihl lube (1 quart), spray bottle unknown contents (1), state 999 cleaner and degreaser (1), plastikote truck bed liner (1), Glyptal pain thinner (1 quart), Salisbury silicon spray (2), quick wax (1), boom&bucket wax (1), hand sanitizer (4)	36	See Product Description	UO/U	Lubricant base oil, Isopropyl Alcohol, Acetone	0.038 ppm
Gas cans (2.5 gal, 1-gal)	37	See Product Description	U	Petroleum Distallates	0.056 ppm
De-icer (1-gal)	38	See Product Description	U	Methanol and ethylene glycol	0.015 ppm
Fire Extinguisher	39	1	UO	Ammonium Hydrogen Sulfate	0.018 ppm
Gas cans (2 5-gal)	40	2	U	Petroleum distillates	0.013 ppm
3 Trucks	41	3	--	--	0.022 ppm

*__Unopened (UO), Used (U)__

Description: Office Space/Conference Room

	Photo	Quantity	Condition*	Main Ingredients	PID Reading
Salvage drum (55-gal), snow blower, fire extinguisher (2)	53	See Product Description	OU/U	Amonium Hydrogen Sulfate	0.025 ppm
Wasp & hornet killer, Aero-kroil lube, inverted marking paint, wood stain, disinfectant, paint (5- gal) , primer (5-gal) PID 0.003	54	See Product Description	OU/U	Petroleum Distillate, Acetone, Toluene, Propane, Butane	0.003 ppm
Gasoline plastic can, fire extinguisher	55	See Product Description	UO/U	Amonium Hydrogen Sulfate	0.081 ppm
Germicidal solution (5. * 1-gal sealed)	56	See Product Description	UO		0.076 ppm

***Unopened (UO), Used (U)**

Description: Product Storage Room
Nearest Air Sample Location: IA-4

Product	Photo	Quantity	Condition*	Main Ingredients	PID Reading
In-sight Glass cleaner, Aervoepaint, quick mark	42	See Product Description	UO/U	Acetone, Toluene, Propane, Butane	0.094 ppm
Glass cleaner, Grime-away, hand sanitizer, hand wipes	43	See Product Description	UO/U	Aliphatic Petroleum Solvent, Isopropyl Alcohol	0.071 ppm
Grime Away	44	1	U	Aliphatic Petroleum Solvent	0.06 ppm
Exterior/interior paint (murals), wasp & hornet killers,	45	See Product Description	UO/U	Petroleum distillates, Acetone, Toluene, Propane, Butane	
A-152 cleaner (1 can), hornet & wasp killer (3 cans), unknown contains bottle (blue), PF solvents degreaser (1 bottle), 2-26 lubricant (1 can) PID: 0.095	46	See Product Description	UO/U	Petroleum Distillates, Lubricant Base Oil	0.095 ppm
Chain saws (3), floor polisher	47	See Product Description	--	--	0.085 ppm
Swifter Mops, Hand Sanitizer	48	See Product Description	UO/U	Isopropyl Alcohol	0.075 ppm
Grime-away, lysol, Hans soap, disinfectant cleaner	49	See Product Description	UO/U	Aliphatic Petroleum Solvent	0.066 ppm
Clorox-wipes (2), Lysol (2 cans)	50	See Product Description	UO/U	--	0.064 ppm
Fire extinguisher (3) PID	51	See Product Description	UO	Ammonium Hydrogen Sulfate	0.054 ppm
Fire Extinguisher	52	1	UO	Amonium Hydrogen Sulfate	0.057 ppm

***Unopened (UO), Used**

Photo Log - 1/28/2023

20224058.001A

by **Laura Martins** for

Fig. 1: Dish soap PID 0.002

Category: AI-1

Direction: Facing N/a

Latitude 41.493312 Longitude -74.058696

Fig. 2: No chemicals PID 0.009

Category: AI-7

Direction: Facing N/a

Latitude 41.493297 Longitude -74.058325

Fig. 3: Multi-purpose cleaner, bathroom disinfectant, mildew remover PID 0.011

Category: IA-1

Direction: Facing N/a

Latitude 41.493340 Longitude -74.058752

Fig. 4: Grime-away PID 0.059

Category: IA-2

Direction: Facing N/a

Latitude 41.493321 Longitude -74.059028

Fig. 5: PID 0.020

Category: IA-2

Direction: Facing N/a

Latitude 41.493290 Longitude -74.058874

Fig. 6: Flammable Cabinet PID 0.021

Category: IA-2

Direction: Facing N/a

Latitude 41.493350 Longitude -74.058942

Fig. 7: PID 0.120

Category: IA-2

Direction: Facing N/a

Latitude 41.493356 Longitude -74.059111

Fig. 8: Rust-oleum gloss enamel (1), insect repellent (1), Earo-Kroil (2 cans) PID 0.119

Category: IA-2

Direction: Facing N/a

Latitude 41.493299 Longitude -74.059042

Fig. 9: Rust-oleum gloss enamel, fire extinguisher, flammable cabinet PID 0.110

Category: IA-2

Direction: Facing N/a

Latitude 41.493408 Longitude -74.059206

Fig. 10: Excalibur E7018 (3) PID 0.103

Category: IA-2

Direction: Facing N/a

Latitude 41.493324 Longitude -74.059340

Fig. 11: Simple green cleaner PID 0.110

Category: IA-2

Direction: Facing N/a

Latitude 41.493324 Longitude -74.059137

Fig. 12: Oxygen cylinder, acetylene dissolve cylinder, weld Cocteau nozzle gel, PID 0.107

Category: IA-2

Direction: Facing N/a

Latitude 41.493287 Longitude -74.059189

Fig. 13: Aero-krill lube, weld cote anti-spatter, paint pen (3) PID 0.105

Category: IA-2

Direction: Facing N/a

Latitude 41.493278 Longitude -74.059241

Fig. 14: Grime-away PID 0.163

Category: IA-2

Direction: Facing N/a

Latitude 41.493333 Longitude -74.059057

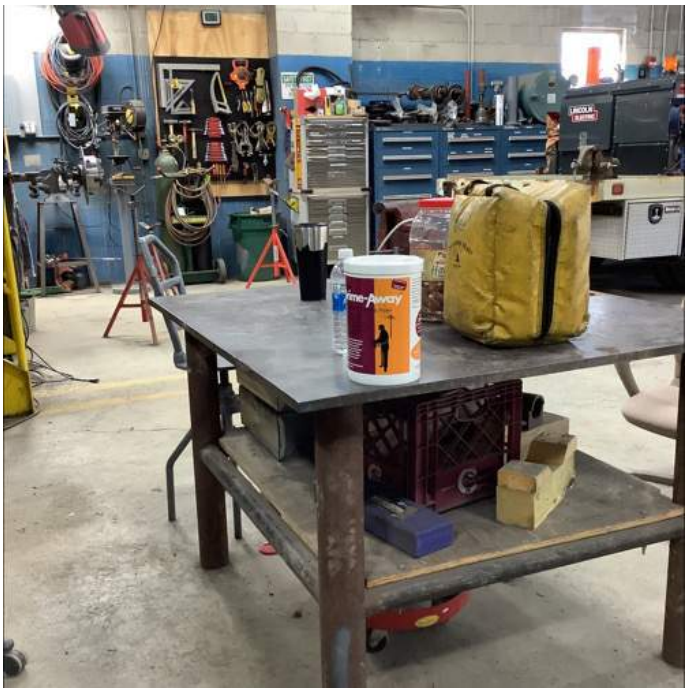


Fig. 15: PID 0.0.89

Category: IA-2

Direction: Facing N/a

Latitude 41.493450 Longitude -74.058921

Fig. 16: OTR exhausted fluid (37 sealed) PID 0.097

Category: IA-2

Direction: Facing N/a

Latitude 41.493372 Longitude -74.059102

Fig. 17: Quick mark (4), aervo paint (2), CRC fire resistant sealant (1 sealed), NI-712 odor eliminator (2), rust-oleum (1), Aerokroil lube (1 open 1 sealed), burndy electrical compound joint (1), spray paint (2), wasp & hornet killer (3), insect repellent (1), PF solvent degreaser (1) PID 0.115

Category: IA-2

Direction: Facing N/a

Latitude 41.493334 Longitude -74.059056

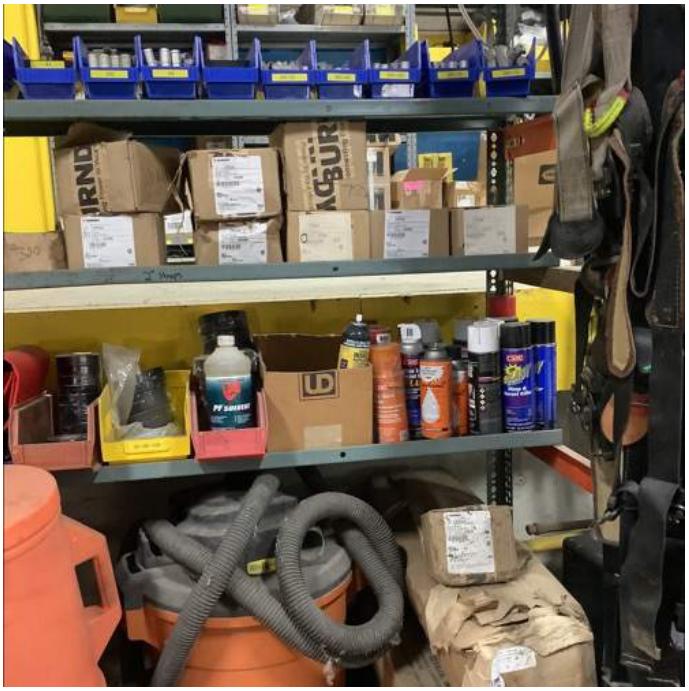


Fig. 18: Concrete cutter PID 0.096

Category: IA-2

Direction: Facing N/a

Latitude 41.493328 Longitude -74.059006

Fig. 19: PF solvent degreaser (1), lead off cleaning wipes (3), simple green degreaser (1), PID 0.098

Category: IA-2

Direction: Facing N/a

Latitude 41.493413 Longitude -74.058954

Fig. 20: Hydraulic cement (20 lb and 10 lb), PID 0.094

Category: IA-2

Direction: Facing N/a

Latitude 41.493439 Longitude -74.059071

Fig. 21: Heat generating pellets, propane gas can (16.6 lbs), chain saw PID 0.094

Category: IA-2

Direction: Facing N/a

Latitude 41.493466 Longitude -74.059181

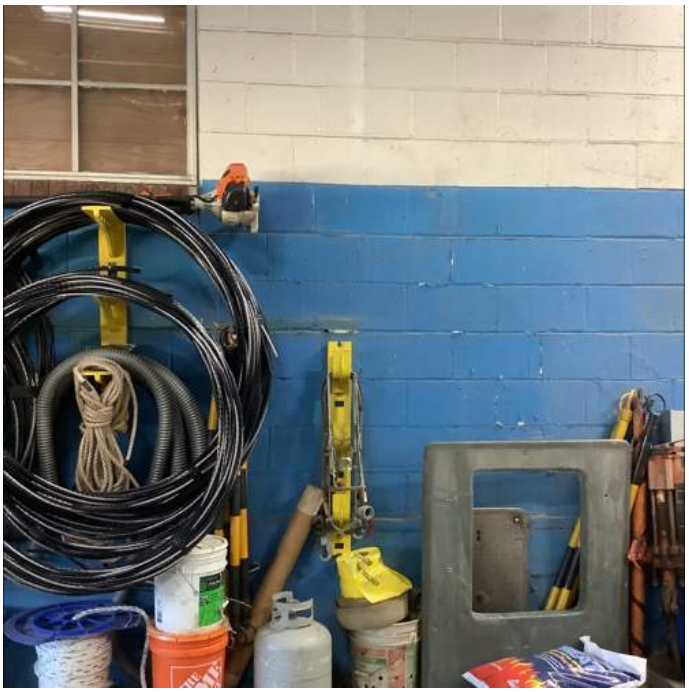


Fig. 22: Nitrogen cylinder, fire extinguisher PID 0.097

Category: IA-2

Direction: Facing N/a

Latitude 41.493557 Longitude -74.059161

Fig. 23: 2 station trucks PID 0.097

Category: IA-2

Direction: Facing N/a

Latitude 41.493301 Longitude -74.058944

Fig. 24: PID 0.043

Category: IA-3

Direction: Facing N/a

Latitude 41.493488 Longitude -74.059134

Fig. 25: Sweeping compound PID 0.040

Category: IA-3

Direction: Facing N/a

Latitude 41.493500 Longitude -74.058960

Fig. 26: Quick-mark paint PID 0.038

Category: IA-3

Direction: Facing N/a

Latitude 41.493535 Longitude -74.059046

Fig. 27: Aervo paint, CRC power lube, Talin sealing compound, insect repellent, Rust-oleum gloss enamel PID 0.038

Category: IA-3

Direction: Facing N/a

Latitude 41.493695 Longitude -74.058995

Fig. 28: Hornets & wasp killer (6cans), insect repellent (1 open, 2 sealed),sawyer insect repellent (1), loctite rust dissolver (1), chance silicon lube (1), fluid film lube (1), triple quick disinfect (1 open 2 sealed), polar power lube (1) PID 0.037

Category: IA-3

Direction: Facing N/a

Latitude 41.493758 Longitude -74.058609

Fig. 29: PID 0.027

Category: IA-3

Direction: Facing N/a

Latitude 41.493959 Longitude -74.058636

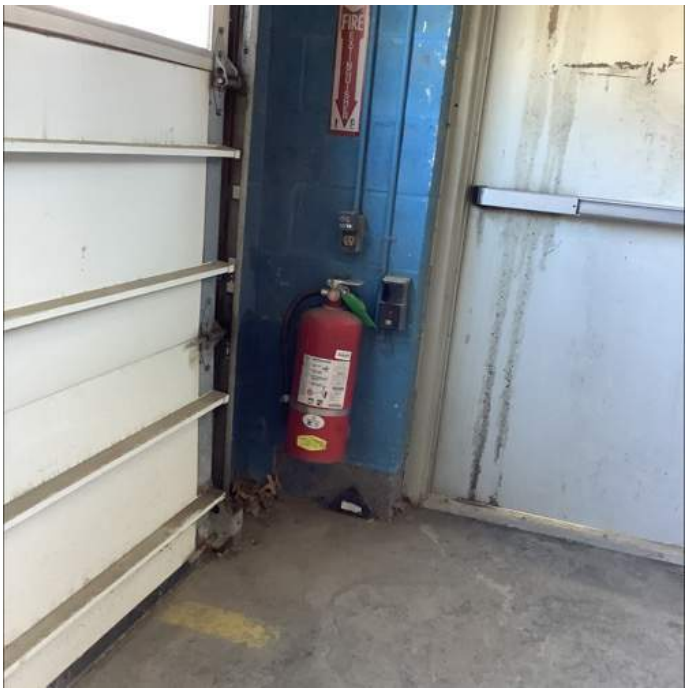


Fig. 30: Glass cleaner (2), Aero-Kroil lube (1), LPS electro cleaner (2), air freshener PID 0.030

Category: IA-3

Direction: Facing N/a

Latitude 41.493705 Longitude -74.058725

Fig. 31: Dry film lube PID 0.030

Category: IA-3

Direction: Facing N/a

Latitude 41.493691 Longitude -74.058995

Fig. 32: Chance silicon lube, CRC power lube, Grime-away, Lysol, LPS electro cleaner, simple green cleaner, NI-712 odor eliminator PID 3.129

Category: IA-3

Direction: Facing N/a

Latitude 41.493353 Longitude -74.059027

Fig. 33: Black battery terminal protector, Pitt bull interior/exterior primer, dupli-color primer, Lysol PID 0.161

Category: IA-3

Direction: Facing N/a

Latitude 41.493585 Longitude -74.059039

Fig. 34: Aervo spray paint (2 cans), valspar anti rust (4), Pitt bull primer (2), chance silicon lubricant (4), insect repellent (4), tick repellent duranon (1), off-guard electrical coating (1) , quick-mark (2), outlast rubber coating (1), Wasp& hornet killer (4), Enviro-response penetrating oil (1), fluid film lube (1), Aero-Krio (4), EEC electrical cleaner (1), TECnique primer (1), Terane lube (1), Gojo hand cleaner PID 0.066

Category: IA-3

Direction: Facing N/a

Latitude 41.493552 Longitude -74.059090

Fig. 35: Leaf blower PID 0.033

Category: IA-3

Direction: Facing N/a

Latitude 41.493534 Longitude -74.059076

Fig. 36: Salisbury cleaner (1) gal, kontrol odor eliminator (1 can, 1 quart), Stihl lube (1 quart), spray bottle unknown contents (1), state 999 cleaner and degreaser (1), plastikote truck bed liner (1), Glyptal pain thinner (1 quart), Salisbury silicon spray (2), quick wax (1), boom&bucket wax (1), hand sanitizer (4), PID 0.038

Category: IA-3

Direction: Facing N/a

Latitude 41.493514 Longitude -74.059111

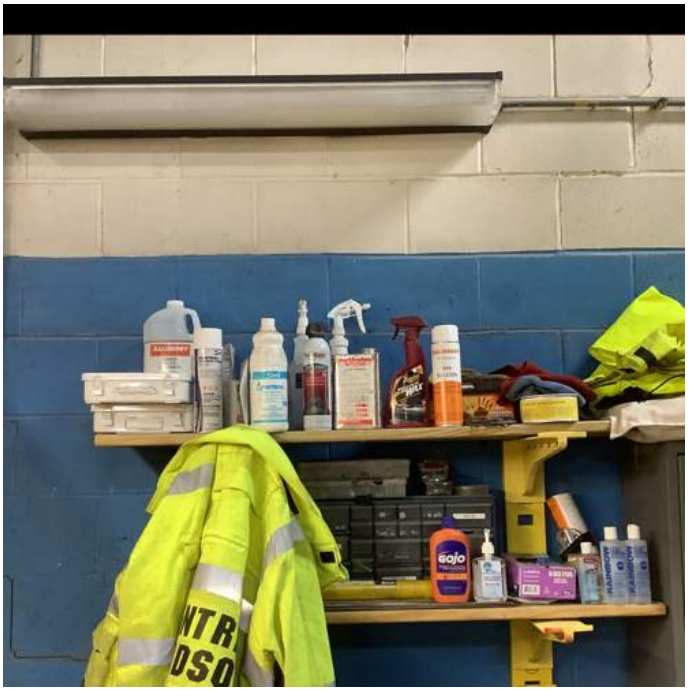


Fig. 37: Gas cans (2.5 gall, 1-gall) PID 0.056

Category: IA-3

Direction: Facing N/a

Latitude 41.493584 Longitude -74.059116

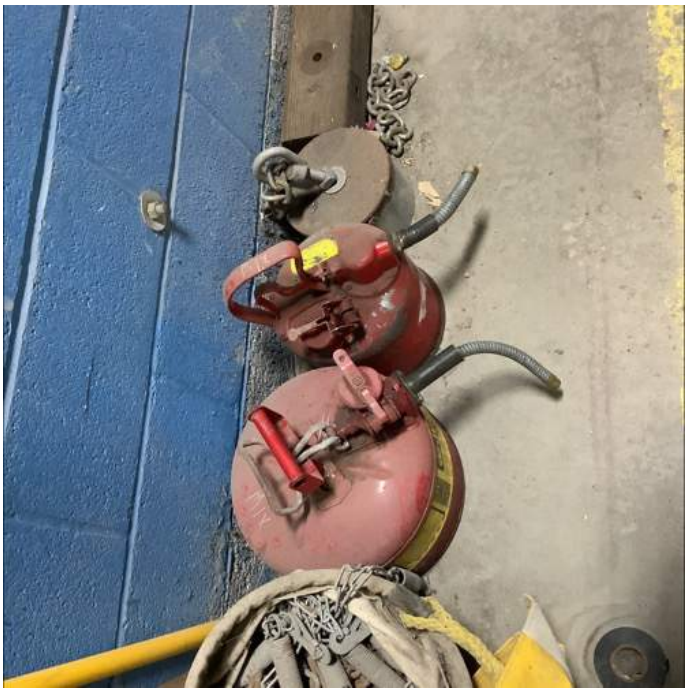


Fig. 38: De-icer (1-gall) PID 0.015

Category: IA-3

Direction: Facing N/a

Latitude 41.493598 Longitude -74.059176

Fig. 39: PID 0.018

Category: IA-3

Direction: Facing N/a

Latitude 41.493721 Longitude -74.059014

Fig. 40: Gas cans (2 5-gall) PID 0.013

Category: IA-3

Direction: Facing N/a

Latitude 41.493547 Longitude -74.059074

Fig. 41: 3 trucks present PID 0.022

Category: IA-3

Direction: Facing N/a

Latitude 41.493507 Longitude -74.059162

Fig. 42: PID: 0.094 In-sightGlass cleaner, Aervoepaint, quick mark

Category: IA-4

Direction: Facing N/a

Latitude 41.493414 Longitude -74.058505

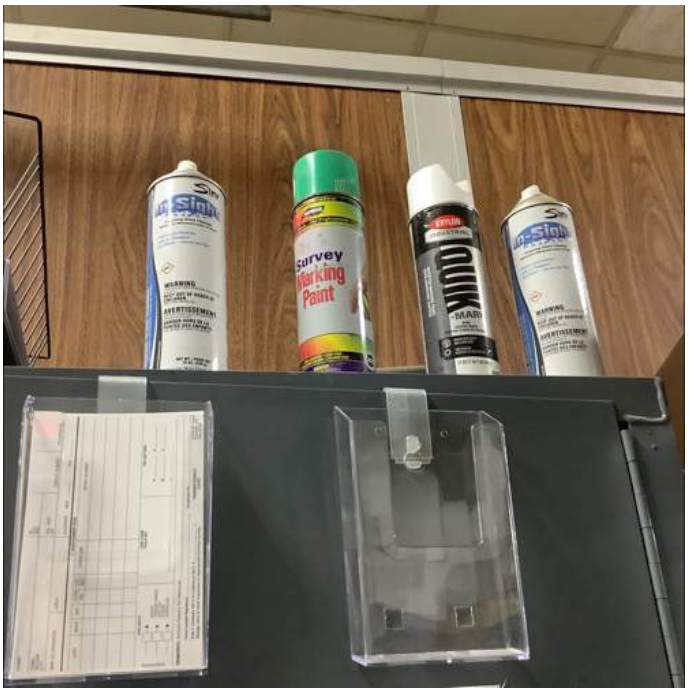


Fig. 43: Glass cleaner, Grime-away, hand sanitizer, hand wipes PID: 0.071

Category: IA-4

Direction: Facing N/a

Latitude 41.493336 Longitude -74.058535

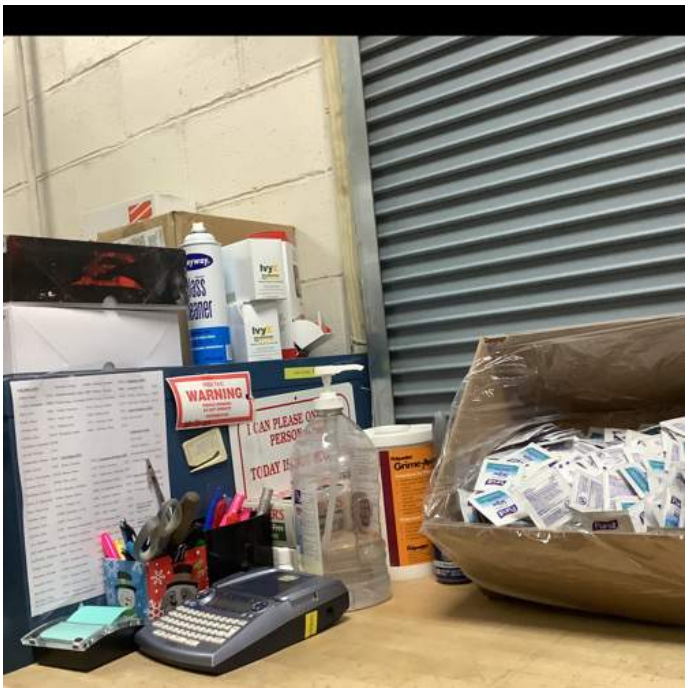


Fig. 44: Grime-away, PID: 0.06

Category: IA-4

Direction: Facing N/a

Latitude 41.493388 Longitude -74.058428

Fig. 45: Exterior/interior paint (murals), wasp&hornet killers, PID: 0.125

Category: IA-4

Direction: Facing N/a

Latitude 41.493731 Longitude -74.058479

Fig. 46: A-152 cleaner (1 can), hornet&wasp killer (3 cans), unknown contains bottle (blue), PF solvents degreaser (1) bottle, 2-26 lubricant (1 can) PID: 0.095

Category: IA-4

Direction: Facing N/a

Latitude 41.493402 Longitude -74.058487

Fig. 47: Chain saws (3), floor polisher PID: 0.085

Category: IA-4

Direction: Facing N/a

Latitude 41.493517 Longitude -74.058506

Fig. 48: Swifter mops, hand sanitizer PID:0.075

Category: IA-4

Direction: Facing N/a

Latitude 41.493507 Longitude -74.058516

Fig. 49: Grime-away, lysol, Hans soap, disinfectant cleaner PID 0.066

Category: IA-4

Direction: Facing N/a

Latitude 41.493426 Longitude -74.058794

Fig. 50: Clorox-wipes (2), Lysol (2 cans) PID 0.064

Category: IA-4

Direction: Facing N/a

Latitude 41.493336 Longitude -74.058536

Fig. 51: Fire extinguisher (3) PID 0.054

Category: IA-4

Direction: Facing N/a

Latitude 41.493382 Longitude -74.058517

Fig. 52: PID 0.057

Category: IA-4

Direction: Facing N/a

Latitude 41.493725 Longitude -74.058338

Fig. 53: Salvage drum (55-gal), snow blower, fire extinguisher (2) PID 0.025

Category: IA-5

Direction: Facing N/a

Latitude 41.493468 Longitude -74.058401

Fig. 54: Wasp & hornet killer, Aero-kroil lube, inverted marking paint, wood stain, disinfectant, paint (5- gal) , primer (5-gal) PID 0.003

Category: IA-5

Direction: Facing N/a

Latitude 41.493420 Longitude -74.058725

Fig. 55: Gasoline plastic can, fire extinguisher PID 0.081

Category: IA-5

Direction: Facing N/a

Latitude 41.493440 Longitude -74.058630

Fig. 56: Germicidal solution (5. * 1-gal sealed) PID 0.076

Category: IA-5

Direction: Facing N/a

Latitude 41.493416 Longitude -74.058616

Fig. 57: Generator, portable oil fire heather , fire extinguishers (15 small, 4 big) PID 0.070

Category: IA-6

Direction: Facing N/a

Latitude 41.493179 Longitude -74.058891

Fig. 58: Used oil (275-gallon), drum (unknown content 55-gallon), antifreeze &coolant (55-gal), waste antifreeze & coolant (5-gallon), used oil (2 18-gall), hydraulic oil (55-gal), waste oil absorbent pads PID 0.070

Category: IA-6

Direction: Facing N/a

Latitude 41.493227 Longitude -74.058931

Fig. 59: 5 unknown liquids store in different kind and size buckets (presumably oil) PID 0.069

Category: IA-6

Direction: Facing N/a

Latitude 41.493179 Longitude -74.058919

Fig. 60: Diesel plastic can (5-gal), Gasoline plastic can (5-gal), hydraulic fluid (2.5 gall), antifreeze &coolant (1),hydraulic transmission oil (5-gall), synthetic lube (2 *5-gal), compressor oil (1 gall), hydraulic fluid (3* 5-gal) PID 0.070

Category: IA-6

Direction: Facing N/a

Latitude 41.493174 Longitude -74.058881

Fig. 61: Car & truck cleaner (2* 5-gal), compressor oil (1-gal), antifreeze/ coolant (6* 1-gal), transmission fluid (1 gal), gasoline plastic can (2.5 gal and 1-gal), hydraulic & compressor oil (2* quart), unknown cleaner stored in a simple green bottle. PID 0.151

Category: IA-6

Direction: Facing N/a

Latitude 41.493181 Longitude -74.058841

Fig. 62: Chance silicon lube (6 sealed) PID 0.147

Category: IA-6

Direction: Facing N/a

Latitude 41.493168 Longitude -74.058865

Fig. 63: Nitrogen cylinder, NOs cylinder, fire extinguishers (9) PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493149 Longitude -74.058852

Fig. 64: Sweeping compound PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493204 Longitude -74.058811

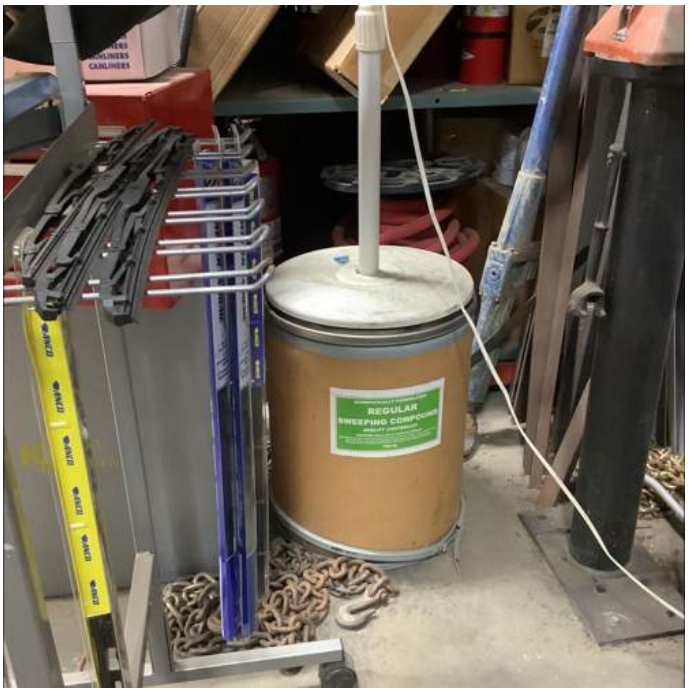


Fig. 65: Sherlock leak detector, orange gel degreaser, simple green, eyewash saline. PID 0.147

Category: IA-6

Direction: Facing N/a

Latitude 41.493244 Longitude -74.058831

Fig. 66: Heavy duty he and cleaner (2) PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493212 Longitude -74.058809

Fig. 67: Sweeping compound, fire extinguisher PID 0.145

Category: IA-6

Direction: Facing N/a

Latitude 41.493237 Longitude -74.058837

Fig. 68: Unknown content spray bottle PID 0.147

Category: IA-6

Direction: Facing N/a

Latitude 41.493208 Longitude -74.058788

Fig. 69: Furl system cleaner (6* 11oz sealed), bar and saw chain lube (1), starting fluid (1), injector cleaner (1), engine oil (2), spray lube (1), unknown liquid store in a simple green bottle (1), adhesive sealant (1), static suppressor (1), fluid film lube (1 sealed), odor eliminator (1), graphite lube (2), break parts cleaner (5 sealed), drill lube (1), cutting lube (1), safety cabinet PID 0.152

Category: IA-6

Direction: Facing N/a

Latitude 41.493175 Longitude -74.058875

Fig. 70: Synthetic oil motor (6 open 4 sealed * 5quart), penetrating oil (1), motor oil (1 quart), simple green, battery cleaner (3), fluid film lube (2 open 1 sealed), brake cleaner, silicon lube, hydraulic fluid (1 quart) PID 0.144

Category: IA-6

Direction: Facing N/a

Latitude 41.493155 Longitude -74.058846

Fig. 71: Refrigerant (5 sealed), lubricant oil (4 sealed) PID 0.143

Category: IA-6

Direction: Facing N/a

Latitude 41.493107 Longitude -74.058835

Fig. 72: Aero-kroil, penetrating oil, silicone (1 sealed), glass cleaner, simple green (2), disinfectant, engine oil (5 quart), DIesel oil (5-gal), PID 0.143

Category: IA-6

Direction: Facing N/a

Latitude 41.493164 Longitude -74.058854

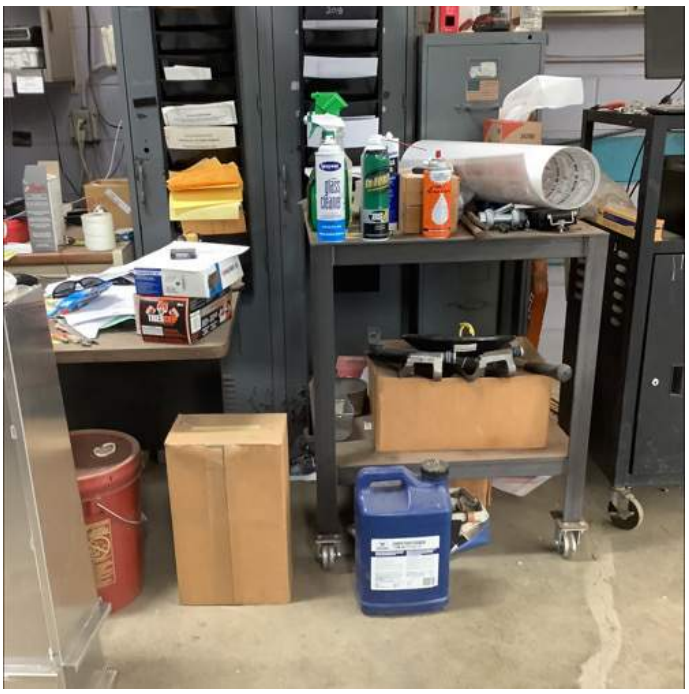


Fig. 73: Buckets wit presumably waste oil, waste oil can, windshield wash (55-gal) PID 0.149

Category: IA-6

Direction: Facing N/a

Latitude 41.493084 Longitude -74.058755

Fig. 74: Motor oil (4* 5quart, 1 sealed), steering fluid (1- gal), motor oil (4* quart), transmission fluid (2 * quart), diesel fuel winterizer (3), lube (1), oil cans (2), unknown liquid store in spray bottle. PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493067 Longitude -74.058879

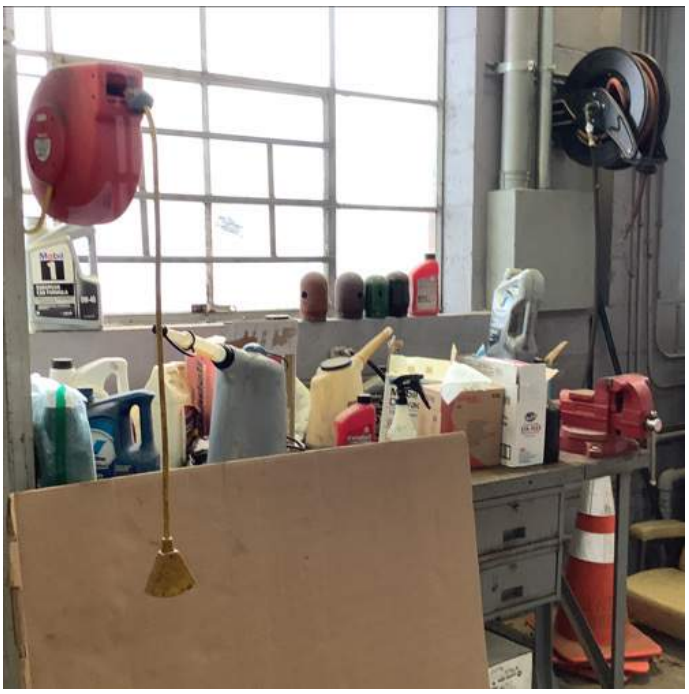


Fig. 75: Motor oil (2 * 275-gal), hydraulic fluid (55-gal), Mobil grease (2), gas oil (5-gal bucket) PID 0.146

Category: IA-6

Direction: Facing N/a

Latitude 41.493116 Longitude -74.058871

Fig. 76: Transmission fluid (55-gal), fire extinguisher PID 0.147

Category: IA-6

Direction: Facing N/a

Latitude 41.493082 Longitude -74.058844

Fig. 77: Break part cleaner (1), cleaner degreaser(3), ignition & battery terminal sealer (1), battery cleaner (1), simple green, Aero-Kroil lube (1), fluid film lube (2), lithium grease (1), PID 0.151

Category: IA-6

Direction: Facing N/a

Latitude 41.493119 Longitude -74.058781

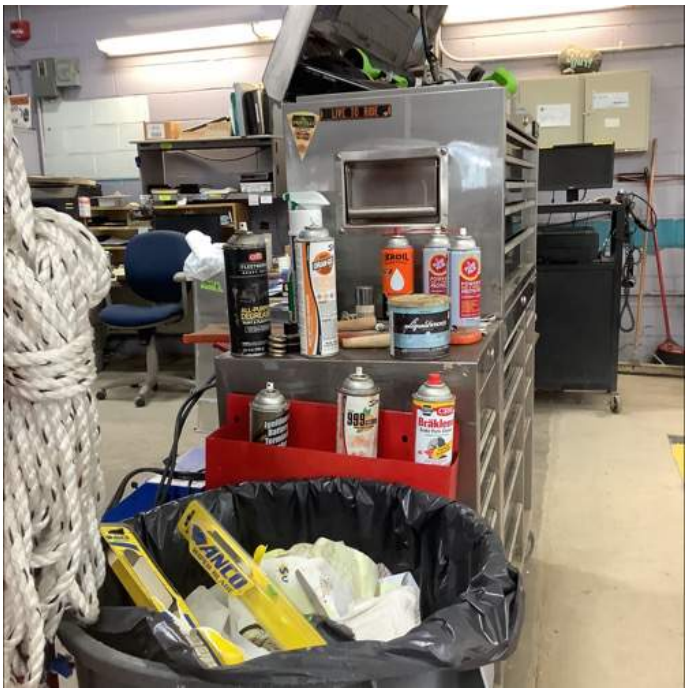


Fig. 78: Argon carbon dioxide cylinder, Acetyline cylinder, Oxigen cylinder PID 0.154

Category: IA-6

Direction: Facing N/a

Latitude 41.493184 Longitude -74.058855

Fig. 79: Oil pan, transmission fluid (1), propane torch, fire extinguisher PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493163 Longitude -74.058873

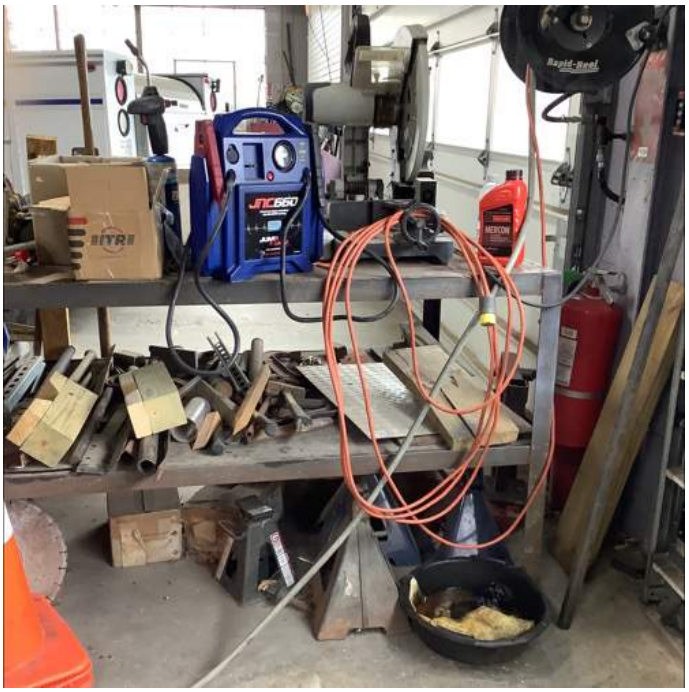


Fig. 80: 1 stationed vehicle PID 0.148

Category: IA-6

Direction: Facing N/a

Latitude 41.493188 Longitude -74.058887

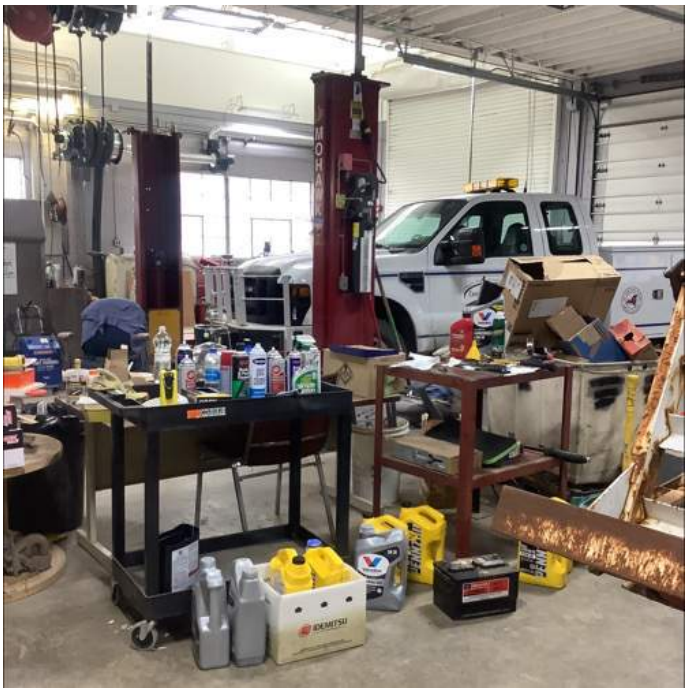


Fig. 81: Hand wipes PID 0.003

Category: IA-8

Direction: Facing N/a

Latitude 41.493063 Longitude -74.058398

Fig. 82: Hand sanitizer, surveyor marking paint PID 0.003

Category: IA-8

Direction: Facing N/a

Latitude 41.493224 Longitude -74.058552

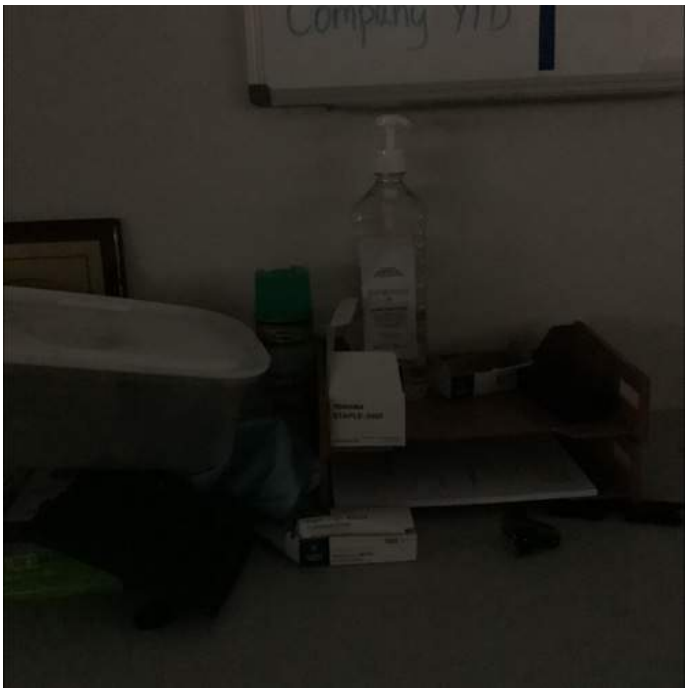


Fig. 83: PID 0.095
Category: IA-9
Direction: Facing N/a
Latitude 41.493311 Longitude -74.058878

Fig. 84: Antibacterial wipes PID 0.094
Category: IA-9
Direction: Facing N/a
Latitude 41.493371 Longitude -74.058985

Fig. 85: Air tool oil lube, unmarked liquid (1 quart) PID 0.112

Category: IA-9

Direction: Facing N/a

Latitude 41.493351 Longitude -74.058932

Fig. 86: Ice melt (2 buckets) PID 0.125

Category: IA-9

Direction: Facing N/a

Latitude 41.493368 Longitude -74.058893

Fig. 87: Ice melt (2 buckets)

Category: IA-9

Direction: Facing N/a

Latitude 41.493335 Longitude -74.058883

Fig. 88: Meter oil (1), Sherlock leak detector (2), wax tape primer PID 0.107

Category: IA-9

Direction: Facing N/a

Latitude 41.493383 Longitude -74.058922

Fig. 89: IGT static suppressor (2), dupli-color enamel pain (1), fluid film lube (1), pvc cement, purple primer, thread sealant, pipe joint seal, quick -mark paint , PST-504 silicon lube (2), glass cleaner, grime-away (2), disinfectant, engine oil (4 sealed), PID 0.105

Category: IA-9

Direction: Facing N/a

Latitude 41.493321 Longitude -74.058913

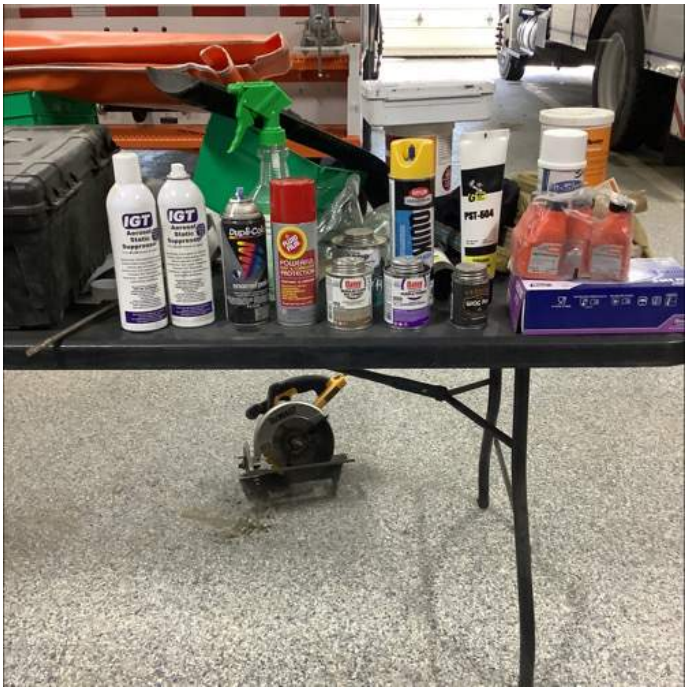


Fig. 90: Lead off cleaning wipes, Lysol, simple green PID 0.091

Category: IA-9

Direction: Facing N/a

Latitude 41.493299 Longitude -74.058911

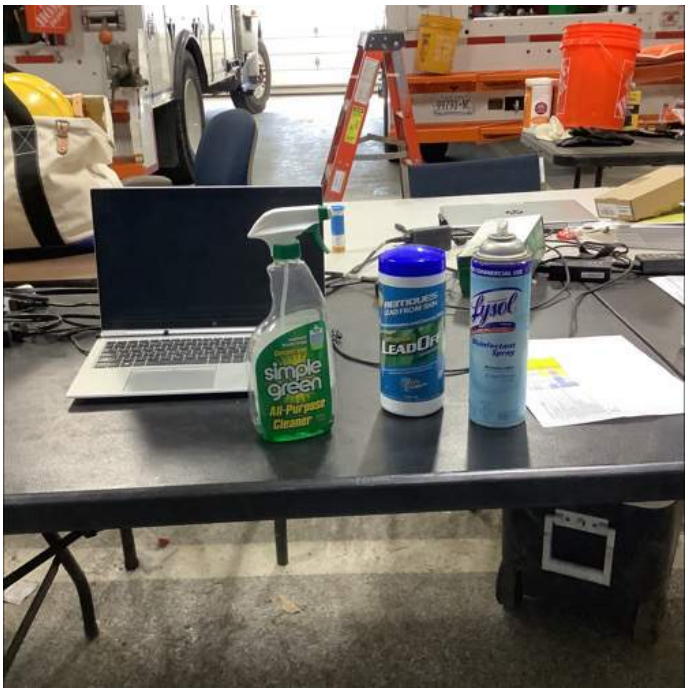


Fig. 91: Testing concentrate (2 55-gallon blue drum), hand sanitizer, Sherlock leak detector (2), wasp & hornet killer (2), kontrol odor eliminator (1), gojo hand cleaner (2), alcohol wipes (1), PID 0.098

Category: IA-9

Direction: Facing N/a

Latitude 41.493321 Longitude -74.058894

Fig. 92: Ridged Cutter machine observed on a secondary containment. The secondary containment had splashed oil. PID 0.124

Category: IA-9

Direction: Facing N/a

Latitude 41.493237 Longitude -74.058834

Fig. 93: Multi-pack air car system cylinders PID 0.115

Category: IA-9

Direction: Facing N/a

Latitude 41.493237 Longitude -74.058898

Fig. 94: Chainsaw PID 0.110

Category: IA-9

Direction: Facing N/a

Latitude 41.493274 Longitude -74.058858

Fig. 95: Generator, asphalt patch(54 60lbs), all purpose sand (52 50-lbs), concrete cutting machines (4), plastics gas tank (1), hydraulic cement (2), PID 0.156

Category: IA-9

Direction: Facing N/a

Latitude 41.493247 Longitude -74.058882

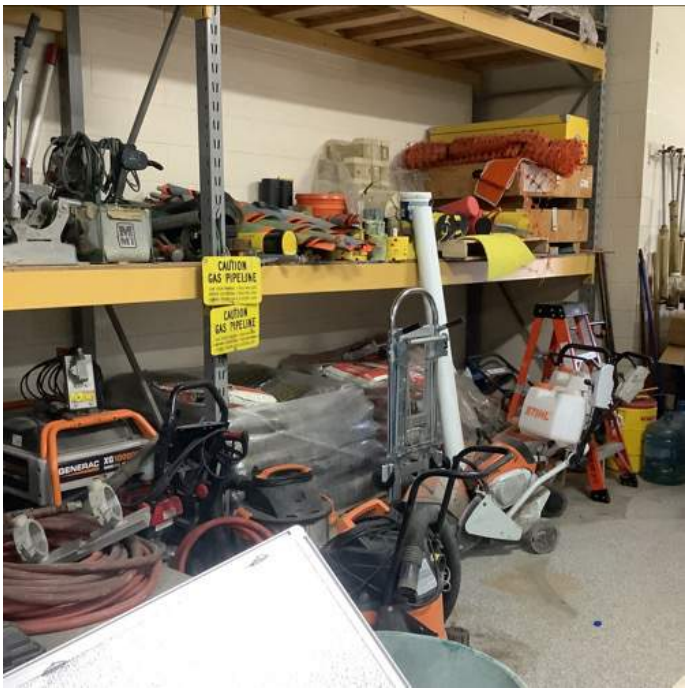


Fig. 96: Glass cleaner (1), simple green (1), disinfectant Spartan (1), wasp& hornet killer (1), windshield de-icer (2), bleach (1), car & truck cleaner (1), antifreeze (3), gas cans (3 2.5 gall), flammable cabinet, ice melt (1), unknown contents buckets (2), hydraulic fluid (1 5-gall bucket PID 0.154

Category: IA-9

Direction: Facing N/a

Latitude 41.493256 Longitude -74.058949

Fig. 97: PID 0.113

Category: IA-9

Direction: Facing N/a

Latitude 41.493222 Longitude -74.059000

Fig. 98: 4 stationed vehicles PID 0.112

Category: IA-9

Direction: Facing N/a

Latitude 41.493269 Longitude -74.058836

APPENDIX C

Laboratory Analytical Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Drew Fetterman
Kleinfelder Inc
200 Corporate Place
Suite 310
Rocky Hill CT 06067

Generated 2/20/2023 7:50 AM

JOB DESCRIPTION

New Windsor, NY
SDG Number 200-66741-1

JOB NUMBER

200-66741-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

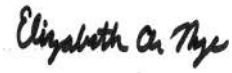
Eurofins Burlington

Job Notes

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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 TestAmerica Project Manager.

Authorization



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Authorized for release by
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Elizabeth.Nye@et.eurofinsus.com
802 923-1029

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Definitions/Glossary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
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)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Kleinfelder Inc

Project: New Windsor, NY

Report Number: 200-66741-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 02/02/2023; the samples arrived in good condition. Per client instruction, the analysis of the samples listed on the chain of custody as EW-3 and OA-2D were cancelled.

During the canister pressure check performed upon receipt, samples EW-5, OA-2DB, B-1, B-2, B-3, and B-3D were found to be at slightly elevated residual vacuum levels. There was sufficient sample in the canisters for analysis to proceed as usual.

Samples EW-2, IA-2, EW-4, IA-5, IA-7, OA-2, and EW-3B were received at ambient pressure. Evaluation with a PSIA gauge found the canisters were each at a positive pressure of 0.50psi, indicating that the canisters were holding pressure and not leaking during transit.

VOLATILE ORGANIC COMPOUNDS

Samples EW-1, IA-1, EW-2, IA-2, IA-3, EW-4, IA-4, EW-5, IA-5, EW-5D, IA-5D, EW-6, IA-6, EW-7, IA-7, EW-8, IA-8, IA-9, IA-10, OA-1, OA-2, OA-2DB, OA-3, B-1, B-2, B-3, B-3D and EW-3B were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 02/11/2023, 02/12/2023, 02/14/2023 and 02/15/2023.

Ethylbenzene and Toluene were detected in method blank MB 200-188367/5 at levels that were above the method detection limit but below the reporting limit. Ethylbenzene and o-Xylene were detected in method blank MB 200-188462/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The concentration of isopropyl alcohol and/or acetone in the following samples exceeded the calibration range of the instrument. The samples were run at a minimal dilution to preserve the lower reporting limits for other analytes of concern. EW-1 (200-66741-1), EW-2 (200-66741-3), EW-4 (200-66741-7), EW-5 (200-66741-9), EW-5D (200-66741-11), EW-6 (200-66741-13), EW-7 (200-66741-15), EW-8 (200-66741-17). B-1 (200-66741-26), B-2 (200-66741-27), and EW-3B (200-66741-30).

Samples B-3[1.56X] and B-3D[1.74X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-1

Lab Sample ID: 200-66741-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	17		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.52	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.4		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.49	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	450	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.43	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	2.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.30		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	0.48	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.29	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.37	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.93		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.81	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.4		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.64	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	2.8		0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.77	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.9	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.97		0.87	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.32	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.45	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.1		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	2.1		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	4.7		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.25	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.064	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.3		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	180	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.63		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.077		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.099	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.085	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.080	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.29		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.20	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.25		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.16	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-1 (Continued)

Lab Sample ID: 200-66741-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.74		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.18	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.44	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.22		0.20	0.052	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.066	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.092	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.43		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.35		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-1

Lab Sample ID: 200-66741-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	3.6		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.0		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	4.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.42	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	7.9	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	11	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.69	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	3.0		1.8	0.39	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.20	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.27		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.79		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.48	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.4	B	0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.39	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.64	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.47	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.47	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	1.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.51		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.055	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	3.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	4.6	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.22	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.86		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.058	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.044		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.25		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.12	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.38	B	0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.090	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.15	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.11	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.095	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-2

Lab Sample ID: 200-66741-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.70	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	12		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.9		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.43	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	19		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	270	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.8		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.71	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.52	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	7.3		1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	1.1		0.81	0.10	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	2.0		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	2.8		0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.8		1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	3.2		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	3.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	4.1		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.7	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.69	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	11		0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.6		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	8.1		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	2.4		0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.58	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.32	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.50	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.45	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.6		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.53		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.34	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	5.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.35		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.056	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.9		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	110	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.57		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.13	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.1		0.50	0.11	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.27		0.20	0.025	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.49		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.58		0.20	0.041	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-2 (Continued) — Lab Sample ID: 200-66741-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.32		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.33		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.51		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.33		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.77		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.79		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.77		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	0.40	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.17	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	2.9		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.59		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.9		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.56		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.14	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.065	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.10	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.091	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.38		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.26		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-2 — Lab Sample ID: 200-66741-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.97	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	39		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.46	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	15		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	27		12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.87	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.81		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	5.8		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.9		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	4.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.20		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.1	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.1		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	15		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.64	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.6		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	8.3		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	2.8		0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.79	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.28	J	0.98	0.20	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-2 (Continued) — Lab Sample ID: 200-66741-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Propylbenzene	0.44	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.54	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.60	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
2-Chlorotoluene	0.25	J	1.0	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.3		0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.83		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.47	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	16		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.060	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	6.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	11		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.21		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.6		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.50		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.55		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.051		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.97		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.76		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	1.0		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.037		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	0.28	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.2		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	3.9		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.094	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.59		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.9		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.65		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.19	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cumene	0.056	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.089	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.11	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.12	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
2-Chlorotoluene	0.049	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.46		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-3 — Lab Sample ID: 200-66741-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.8		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.0		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	15		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	16		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.4	J	12	3.9	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.7		0.79	0.091	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-3 (Continued)

Lab Sample ID: 200-66741-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	2.7		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.68	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.25		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.6		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.5		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.14	J	0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.3		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	5.7		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.28	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.2	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.1		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.3		0.87	0.23	ug/m3	1		TO-15	Total/NA
Cumene	0.23	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.29	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.30	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.36	J	1.1	0.33	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.79		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.48		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	6.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	6.6		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.42		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.75		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.53		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.20	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.040		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.35		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.39		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.37		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.026	J	0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.80		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	1.5		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.042	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.27	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.71		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.29		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Cumene	0.047	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.060	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.061	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.26		0.20	0.080	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.066	J	0.20	0.061	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-4

Lab Sample ID: 200-66741-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	5.1		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.45	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	6.2		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.43	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	42		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	390	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.55	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	3.4		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	2.9		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.6		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.5		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	0.34	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.46	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.75	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.5		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	4.3		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.63	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	7.0		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.1	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.4		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.6		0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.58	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.27	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.40	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.47	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.1		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	4.0		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	1.4		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.22	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.6		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.056	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	18		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	160	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.18	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.85		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.83		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.39		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.070	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.13	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.16	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-4 (Continued) — Lab Sample ID: 200-66741-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.47		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.30		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.81		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.15	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.17	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.33	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.0		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.36		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.14	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.056	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.082	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.095	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.42		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.67		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-4 — Lab Sample ID: 200-66741-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	5.4		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	26		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	41		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	14		12	3.9	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	5.9		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	3.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.2		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.85		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.22		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.2		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.3		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.7		0.82	0.23	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	9.0		0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.4		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9		0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.73	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.47	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.26	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.41	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.41	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.6		0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.79	J	1.1	0.33	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.58		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	1.5		0.50	0.12	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-4 (Continued) — Lab Sample ID: 200-66741-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.51		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	11		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	17		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	5.7		5.0	1.6	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.5		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.92		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.25		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.034		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.47		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.42		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.43		0.20	0.055	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.37	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	2.4		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.39	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.2		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.43		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.17	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cumene	0.096	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.052	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.084	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.083	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.33		0.20	0.080	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.14	J	0.20	0.061	ppb v/v	1		TO-15	Total/NA

Client Sample ID: EW-5 — Lab Sample ID: 200-66741-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.1		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	25		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.4		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.58	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	23		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	330	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.77	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.3	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	2.7		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.7		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.80		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	0.49	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.41	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.58		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.46	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.8		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.5		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	0.63	J	2.0	0.57	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-5 (Continued)

Lab Sample ID: 200-66741-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.78	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	4.1		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.30	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.90	J	2.0	0.61	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.3	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.8		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.4		0.87	0.23	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.28	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.34	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.38	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	4.1		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.63		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	7.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.60		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	0.99		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.076	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	9.7		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	140	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.25	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.37	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.77		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.10	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.12	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.092		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.098	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.43		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.8		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	0.15	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.19	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	1.1		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.044	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.22	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.30	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.88		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.31		0.20	0.052	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.057	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.070	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.077	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.60		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.68		0.20	0.074	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: IA-5

Lab Sample ID: 200-66741-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	12		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.98	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	5.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.14	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	15		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	24		12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	2.4		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.1		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.25	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.44	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.30		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.56	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.94		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.1		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.25	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.63	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.4	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.71	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.72	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	3.5		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.47	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.2		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.063	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	6.3		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	9.7		5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.71		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.052	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.13	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.047		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.12	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.30		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.27		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.57		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.038	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.15	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.32	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.16	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.15	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-5D

Lab Sample ID: 200-66741-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	20		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.60	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.4		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	21		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	300	E	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	7.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.8		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.57		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	0.44	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.61	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	7.5		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	8.4		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.2	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.59	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	10		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.58	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.81	J	2.0	0.61	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.5		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	15		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	5.2		0.87	0.23	ug/m3	1		TO-15	Total/NA
Cumene	0.38	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.78	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.3		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.2		0.98	0.23	ug/m3	1		TO-15	Total/NA
2-Chlorotoluene	0.47	J	1.0	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.8		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	3.9		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	5.8		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.29	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	0.99		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.8		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	120	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.1		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.14		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.090	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.60		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.13	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.33		0.20	0.044	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-5D (Continued) — Lab Sample ID: 200-66741-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Heptane	1.8		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.6		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	0.28	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	2.7		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.086	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.20	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.0		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.4		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.2		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Cumene	0.077	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.16	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.27		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.25		0.20	0.047	ppb v/v	1		TO-15	Total/NA
2-Chlorotoluene	0.091	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.98		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.65		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-5D — Lab Sample ID: 200-66741-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	15		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	4.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	17		12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.28	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.37	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.30		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.56	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.93		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.7	B	0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.58	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.87	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.69	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.79	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	4.2		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.57		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-5D (Continued)

Lab Sample ID: 200-66741-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropyl alcohol	6.8		5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.33	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.50		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.058	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.11	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.048		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.12	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.23		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.46	B	0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.16	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: EW-6

Lab Sample ID: 200-66741-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.7		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.88	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	12		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.27	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	22		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	290	E	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	8.7		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.7		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.30	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.95		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.62		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.3		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.3		0.19	0.13	ug/m3	1		TO-15	Total/NA
Toluene	6.9		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.35	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.1	J	2.0	0.61	ug/m3	1		TO-15	Total/NA
Ethylbenzene	41		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	160		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	40		0.87	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.70	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.7		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.5		0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.4		1.1	0.33	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	3.4		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.77		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.43	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	4.9		0.50	0.20	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-6 (Continued) — Lab Sample ID: 200-66741-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	0.12	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.39		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	9.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	120	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.5		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.91		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.062	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.28		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.098		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.28		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.67		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.25		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Toluene	1.8		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.052	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.26	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	9.5		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	38		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	9.2		0.20	0.052	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.14	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.35		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.72		0.20	0.080	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.26		0.20	0.061	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.56		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-6 — Lab Sample ID: 200-66741-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.2		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	13		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	2.1		1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.7		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.90		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.6		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.37		0.19	0.13	ug/m3	1		TO-15	Total/NA
Toluene	5.6		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.42	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.1		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.5		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.1		0.87	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.25	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.80	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.63		0.50	0.12	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-6 (Continued) — Lab Sample ID: 200-66741-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.52		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	5.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	4.8	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.8	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.61		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.36		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.28		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.40		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.070		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Toluene	1.5		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.062	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.25		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.80		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.25		0.20	0.052	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.051	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: EW-7 — Lab Sample ID: 200-66741-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.8		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	9.5		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.77	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.5		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.086	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.43	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	38		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	380	E	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	3.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.3		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.29	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.40	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.76		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.55	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	3.1		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.41	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.59	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.1	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.81	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.27	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.5		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	4.2		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.78		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	2.7		0.50	0.12	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-7 (Continued) — Lab Sample ID: 200-66741-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.37	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.039	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.78		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.056	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	16		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	150	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.91		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.085	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.070		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.085	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.14		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	0.81		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.060	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.49	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.19	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.056	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.30		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.69		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-7 — Lab Sample ID: 200-66741-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.3		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	4.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	8.1	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	9.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.19	J	0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.47	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	0.89		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.60	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.43	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.51		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.66		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.55		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-7 (Continued)

Lab Sample ID: 200-66741-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.31	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.49		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.029	J	0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.11	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.24		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.089	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.099	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

Client Sample ID: EW-8

Lab Sample ID: 200-66741-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.8		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.74	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	6.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	38		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	340	E	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.75	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	2.9		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.42	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.40		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.40	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	2.8		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.33	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.63	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.2		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.87		0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.26	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.26	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.31	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.2		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	4.5		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.57		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.83		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.36	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.6		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.38		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	16		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	140	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.22	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.82		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.49	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-8 (Continued) — Lab Sample ID: 200-66741-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.12	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.064		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.085	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.32		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	0.75		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.049	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.14	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.51		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.20		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.061	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.052	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.062	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.25		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.76		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-8 — Lab Sample ID: 200-66741-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	3.3		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	6.7		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	6.6	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.6		1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	0.69	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.26	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.36		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.48	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.72	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	0.76		0.75	0.16	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.24	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.78	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.33	J	0.87	0.23	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.95		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	2.8	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.6	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.52		0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.20	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.46	J	0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.076	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.058		0.035	0.022	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-8 (Continued) — Lab Sample ID: 200-66741-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.15	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.18	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.20		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.056	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.18	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.077	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-9 — Lab Sample ID: 200-66741-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	3.2		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	44		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	13		12	3.9	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.64	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	6.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.5		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	5.9		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	2.6		0.82	0.23	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.6		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	18		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.6		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.4		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.3		0.87	0.23	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.89		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.56		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	19		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	5.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.16	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.7		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.49		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.43		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.3		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.64		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.63		0.20	0.055	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.65		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	4.7		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.026	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-9 (Continued) — Lab Sample ID: 200-66741-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.36		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.0		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.29		0.20	0.052	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-10 — Lab Sample ID: 200-66741-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	5.8		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	5.4		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.41	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	5.9	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	1.4	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.31		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.18	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.56	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	0.99		0.75	0.16	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.50	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	1.6		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.60		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.053	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	2.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.049		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.039	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.17	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	0.26		0.20	0.042	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

Client Sample ID: OA-1 — Lab Sample ID: 200-66741-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.90	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.7		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.41	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.26		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.39	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	0.40	J	0.75	0.16	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OA-1 (Continued) — Lab Sample ID: 200-66741-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodifluoromethane	0.25	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.53		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.054	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.041		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	0.11	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: OA-2 — Lab Sample ID: 200-66741-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.89	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	8.8	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.0	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.2	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	1.5	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.47	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.27		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.67		0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	2.3		0.75	0.16	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.50	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.25	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.53		0.50	0.15	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	3.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.2	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.33	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.46	J	0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.14	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.042		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	0.61		0.20	0.042	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.12	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

Client Sample ID: OA-2DB — Lab Sample ID: 200-66741-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.0		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	17		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	36		12	3.9	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OA-2DB (Continued)

Lab Sample ID: 200-66741-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	2.8		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.1		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	7.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.8		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.35		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.44	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.4		0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	9.9		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.52	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.71	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.9	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.77	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.46	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.52	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.30	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.56		0.50	0.15	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.35		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.3		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	15		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.89		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.2		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.0		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.52		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.055		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.094	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.45		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	2.6		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.077	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.16	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.44	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.18	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.11	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.11	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: OA-3

Lab Sample ID: 200-66741-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.8	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.83	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.97	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	1.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.93	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.30	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Toluene	0.19	J	0.75	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OA-3 (Continued) — Lab Sample ID: 200-66741-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.36	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.23	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.47	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	0.54		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.17	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.045		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.093	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Toluene	0.051	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: B-1 — Lab Sample ID: 200-66741-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	14		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	2.8		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	7.2		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.5		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	1500	E	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	110	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.72	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	38		15	3.6	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	0.32	J	0.72	0.13	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.13	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	1.4	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	29		1.5	1.4	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.20	J	0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	1.6		0.64	0.14	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethane	0.41	J	0.81	0.38	ug/m3	1		TO-15	Total/NA
n-Heptane	5.9		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.34		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.6	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	1.1		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.33	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.2		2.0	0.61	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.54	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.69	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.87	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.59	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.47	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	3.1		1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.73		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	3.9		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	1.4		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	3.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.44		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	650	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	45	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.23	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-1 (Continued) — Lab Sample ID: 200-66741-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol	12		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	0.089	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.032	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	10		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.032	J	0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.51		0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethane	0.10	J	0.20	0.093	ppb v/v	1		TO-15	Total/NA
n-Heptane	1.4		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.063		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.38	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	0.29		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.049	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3		0.50	0.15	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.12	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.16	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.14	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.095	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.38		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.51		0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: B-2 — Lab Sample ID: 200-66741-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.0		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	2.7		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	7.7		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	4.5		0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	730	E	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	86		12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.70	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.69	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	25		15	3.6	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	0.25	J	0.72	0.13	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.12	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	1.0	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.42	J	0.81	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	15		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.79	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.56	J	1.1	0.24	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.95		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	2.9		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.52		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.85	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	1.7		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.50	J	1.4	0.14	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-2 (Continued) — Lab Sample ID: 200-66741-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Butyl Ketone (2-Hexanone)	2.4		2.0	0.61	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.53	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.84	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.47	J B	0.87	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.98		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.1	J	1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.57		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	1.3		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	3.2		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	2.0		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	310	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	35		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.22	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	8.3		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	0.070	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.031	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.29	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.10	J	0.20	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.2		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.16	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.10	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.15		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.70		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.097		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.21	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	0.44		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.074	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.58		0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.19	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.11	J B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.20		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.19	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA

Client Sample ID: B-3 — Lab Sample ID: 200-66741-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.6		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.6		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	8.1	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.7	J	12	3.9	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-3 (Continued) — Lab Sample ID: 200-66741-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.8		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.34		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.48	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.16	J	0.19	0.13	ug/m3	1		TO-15	Total/NA
Toluene	0.70	J	0.75	0.16	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.55		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.73		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.082	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	3.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.52		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.31	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.054		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.15	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.030	J	0.035	0.025	ppb v/v	1		TO-15	Total/NA
Toluene	0.19	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: B-3D — Lab Sample ID: 200-66741-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.7	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.95	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.81	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	1.9		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.97	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
n-Hexane	0.48	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.14	J	0.20	0.083	ug/m3	1		TO-15	Total/NA
Benzene	0.33	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.24		0.19	0.13	ug/m3	1		TO-15	Total/NA
Toluene	0.31	J	0.75	0.16	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.34	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.27	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.39	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	0.80		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.17	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.14	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.85		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.035	J	0.050	0.021	ppb v/v	1		TO-15	Total/NA
Benzene	0.10	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.045		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Toluene	0.083	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-3B

Lab Sample ID: 200-66741-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.4		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.93	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	6.6		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.21	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	36		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	280	E	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.42	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.1		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	9.6		1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.18	J	0.81	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.3		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	3.7		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	0.21	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.2		1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.75		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.36		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.87	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.8		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.4		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	6.4		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.54	J	2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	5.7		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.54	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.2	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.3		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.4	B	0.87	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.42	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.23	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.32	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.32	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.4		0.98	0.39	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.78	J	1.2	0.44	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.51		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.69		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.45	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.097	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.43		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	15		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	110	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.27		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.7		0.50	0.11	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.045	J	0.20	0.025	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-3B (Continued)

Lab Sample ID: 200-66741-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	0.77		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.93		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.044	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.22		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.22		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.057		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.19	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.58		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.34		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.2		0.035	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.13	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	1.5		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.079	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.27	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.77		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.32	B	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Styrene	0.098	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cumene	0.040	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.048	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.065	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.065	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.29		0.20	0.080	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.13	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-1

Date Collected: 01/28/23 18:43
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-1

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/11/23 17:36	1
Chlorodifluoromethane	**17**		1.8	0.42	ug/m3			02/11/23 17:36	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 17:36	1
Chloromethane	**0.52**	**J**	1.0	0.31	ug/m3			02/11/23 17:36	1
n-Butane	**2.4**		1.2	0.48	ug/m3			02/11/23 17:36	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 17:36	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 17:36	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 17:36	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 17:36	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 17:36	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			02/11/23 17:36	1
1,1,2-Trichlorotrifluoroethane	**0.49**	**J**	1.5	0.41	ug/m3			02/11/23 17:36	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 17:36	1
Acetone	**20**		12	3.8	ug/m3			02/11/23 17:36	1
Isopropyl alcohol	**450**	**E**	12	3.9	ug/m3			02/11/23 17:36	1
Carbon disulfide	**0.43**	**J**	1.6	0.40	ug/m3			02/11/23 17:36	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 17:36	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 17:36	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 17:36	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 17:36	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/11/23 17:36	1
n-Hexane	**2.2**		1.8	0.39	ug/m3			02/11/23 17:36	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 17:36	1
Methyl Ethyl Ketone (2-Butanone)	**3.3**		1.5	1.4	ug/m3			02/11/23 17:36	1
cis-1,2-Dichloroethene	**0.30**		0.20	0.083	ug/m3			02/11/23 17:36	1
Chloroform	**0.48**	**J**	0.98	0.20	ug/m3			02/11/23 17:36	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 17:36	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 17:36	1
Cyclohexane	**0.29**	**J**	0.69	0.20	ug/m3			02/11/23 17:36	1
Carbon tetrachloride	**0.43**		0.22	0.14	ug/m3			02/11/23 17:36	1
2,2,4-Trimethylpentane	**0.37**	**J**	0.93	0.18	ug/m3			02/11/23 17:36	1
Benzene	**0.93**		0.64	0.14	ug/m3			02/11/23 17:36	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 17:36	1
n-Heptane	**0.81**	**J**	0.82	0.23	ug/m3			02/11/23 17:36	1
Trichloroethene	**1.4**		0.19	0.13	ug/m3			02/11/23 17:36	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 17:36	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 17:36	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 17:36	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 17:36	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 17:36	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.64**	**J**	2.0	0.53	ug/m3			02/11/23 17:36	1
Toluene	**2.8**		0.75	0.16	ug/m3			02/11/23 17:36	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 17:36	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 17:36	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/11/23 17:36	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 17:36	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 17:36	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 17:36	1

Client Sample ID: EW-1

Date Collected: 01/28/23 18:43
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-1

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 17:36	1
Ethylbenzene	**0.77**	**J B**	0.87	0.23	ug/m3			02/11/23 17:36	1
m,p-Xylene	**1.9**	**J**	2.2	0.41	ug/m3			02/11/23 17:36	1
o-Xylene	**0.97**		0.87	0.23	ug/m3			02/11/23 17:36	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/11/23 17:36	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 17:36	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 17:36	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 17:36	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 17:36	1
4-Ethyltoluene	**0.32**	**J**	0.98	0.24	ug/m3			02/11/23 17:36	1
1,3,5-Trimethylbenzene	**0.45**	**J**	0.98	0.23	ug/m3			02/11/23 17:36	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 17:36	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 17:36	1
1,2,4-Trimethylbenzene	**2.1**		0.98	0.39	ug/m3			02/11/23 17:36	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 17:36	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 17:36	1
1,3-Dichlorobenzene	**2.1**		1.2	0.44	ug/m3			02/11/23 17:36	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 17:36	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 17:36	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 17:36	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 17:36	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 17:36	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 17:36	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 17:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/11/23 17:36	1
Chlorodifluoromethane	**4.7**		0.50	0.12	ppb v/v			02/11/23 17:36	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 17:36	1
Chloromethane	**0.25**	**J**	0.50	0.15	ppb v/v			02/11/23 17:36	1
n-Butane	**1.0**		0.50	0.20	ppb v/v			02/11/23 17:36	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 17:36	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 17:36	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 17:36	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 17:36	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 17:36	1
Trichlorofluoromethane	**0.23**		0.20	0.050	ppb v/v			02/11/23 17:36	1
1,1,2-Trichlorotrifluoroethane	**0.064**	**J**	0.20	0.053	ppb v/v			02/11/23 17:36	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 17:36	1
Acetone	**8.3**		5.0	1.6	ppb v/v			02/11/23 17:36	1
Isopropyl alcohol	**180**	**E**	5.0	1.6	ppb v/v			02/11/23 17:36	1
Carbon disulfide	**0.14**	**J**	0.50	0.13	ppb v/v			02/11/23 17:36	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 17:36	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 17:36	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 17:36	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 17:36	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/11/23 17:36	1
n-Hexane	**0.63**		0.50	0.11	ppb v/v			02/11/23 17:36	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 17:36	1

Client Sample ID: EW-1

Date Collected: 01/28/23 18:43
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-1

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.49	ppb v/v			02/11/23 17:36	1
cis-1,2-Dichloroethene	**0.077**		0.050	0.021	ppb v/v			02/11/23 17:36	1
Chloroform	**0.099**	**J**	0.20	0.041	ppb v/v			02/11/23 17:36	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 17:36	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 17:36	1
Cyclohexane	**0.085**	**J**	0.20	0.058	ppb v/v			02/11/23 17:36	1
Carbon tetrachloride	**0.068**		0.035	0.022	ppb v/v			02/11/23 17:36	1
2,2,4-Trimethylpentane	**0.080**	**J**	0.20	0.038	ppb v/v			02/11/23 17:36	1
Benzene	**0.29**		0.20	0.044	ppb v/v			02/11/23 17:36	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 17:36	1
n-Heptane	**0.20**	**J**	0.20	0.055	ppb v/v			02/11/23 17:36	1
Trichloroethene	**0.25**		0.035	0.025	ppb v/v			02/11/23 17:36	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 17:36	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 17:36	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 17:36	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 17:36	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 17:36	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.16**	**J**	0.50	0.13	ppb v/v			02/11/23 17:36	1
Toluene	**0.74**		0.20	0.042	ppb v/v			02/11/23 17:36	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 17:36	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 17:36	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/11/23 17:36	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 17:36	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 17:36	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 17:36	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 17:36	1
Ethylbenzene	**0.18**	**J B**	0.20	0.052	ppb v/v			02/11/23 17:36	1
m,p-Xylene	**0.44**	**J**	0.50	0.095	ppb v/v			02/11/23 17:36	1
o-Xylene	**0.22**		0.20	0.052	ppb v/v			02/11/23 17:36	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/11/23 17:36	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 17:36	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 17:36	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 17:36	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 17:36	1
4-Ethyltoluene	**0.066**	**J**	0.20	0.049	ppb v/v			02/11/23 17:36	1
1,3,5-Trimethylbenzene	**0.092**	**J**	0.20	0.047	ppb v/v			02/11/23 17:36	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 17:36	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 17:36	1
1,2,4-Trimethylbenzene	**0.43**		0.20	0.080	ppb v/v			02/11/23 17:36	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 17:36	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 17:36	1
1,3-Dichlorobenzene	**0.35**		0.20	0.074	ppb v/v			02/11/23 17:36	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 17:36	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 17:36	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 17:36	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 17:36	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 17:36	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 17:36	1

Client Sample ID: EW-1

Lab Sample ID: 200-66741-1

Date Collected: 01/28/23 18:43
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 17:36	1

Client Sample ID: IA-1

Lab Sample ID: 200-66741-2

Date Collected: 01/28/23 17:12
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/11/23 18:28	1
Chlorodifluoromethane	**3.6**		1.8	0.42	ug/m3			02/11/23 18:28	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 18:28	1
Chloromethane	**1.0**		1.0	0.31	ug/m3			02/11/23 18:28	1
n-Butane	**4.3**		1.2	0.48	ug/m3			02/11/23 18:28	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 18:28	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 18:28	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 18:28	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 18:28	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 18:28	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			02/11/23 18:28	1
1,1,2-Trichlorotrifluoroethane	**0.42**	**J**	1.5	0.41	ug/m3			02/11/23 18:28	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 18:28	1
Acetone	**7.9**	**J**	12	3.8	ug/m3			02/11/23 18:28	1
Isopropyl alcohol	**11**	**J**	12	3.9	ug/m3			02/11/23 18:28	1
Carbon disulfide	**0.69**	**J**	1.6	0.40	ug/m3			02/11/23 18:28	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 18:28	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 18:28	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 18:28	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 18:28	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/11/23 18:28	1
n-Hexane	**3.0**		1.8	0.39	ug/m3			02/11/23 18:28	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 18:28	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/11/23 18:28	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/11/23 18:28	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/11/23 18:28	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 18:28	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 18:28	1
Cyclohexane	**0.20**	**J**	0.69	0.20	ug/m3			02/11/23 18:28	1
Carbon tetrachloride	**0.27**		0.22	0.14	ug/m3			02/11/23 18:28	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/11/23 18:28	1
Benzene	**0.79**		0.64	0.14	ug/m3			02/11/23 18:28	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 18:28	1
n-Heptane	**0.48**	**J**	0.82	0.23	ug/m3			02/11/23 18:28	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/11/23 18:28	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 18:28	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 18:28	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 18:28	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 18:28	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 18:28	1

Client Sample ID: IA-1

Date Collected: 01/28/23 17:12
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-2

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/11/23 18:28	1
Toluene	**1.4**	**B**	0.75	0.16	ug/m3			02/11/23 18:28	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 18:28	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 18:28	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/11/23 18:28	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 18:28	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 18:28	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 18:28	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 18:28	1
Ethylbenzene	**0.39**	**J B**	0.87	0.23	ug/m3			02/11/23 18:28	1
m,p-Xylene	**0.64**	**J**	2.2	0.41	ug/m3			02/11/23 18:28	1
o-Xylene	**0.47**	**J**	0.87	0.23	ug/m3			02/11/23 18:28	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/11/23 18:28	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 18:28	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 18:28	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 18:28	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 18:28	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/11/23 18:28	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 18:28	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 18:28	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 18:28	1
1,2,4-Trimethylbenzene	**0.47**	**J**	0.98	0.39	ug/m3			02/11/23 18:28	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 18:28	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 18:28	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/11/23 18:28	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 18:28	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 18:28	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 18:28	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 18:28	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 18:28	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 18:28	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 18:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			02/11/23 18:28	1
Chlorodifluoromethane	**1.0**		0.50	0.12	ppb v/v			02/11/23 18:28	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 18:28	1
Chloromethane	**0.51**		0.50	0.15	ppb v/v			02/11/23 18:28	1
n-Butane	**1.8**		0.50	0.20	ppb v/v			02/11/23 18:28	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 18:28	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 18:28	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 18:28	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 18:28	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 18:28	1
Trichlorofluoromethane	**0.24**		0.20	0.050	ppb v/v			02/11/23 18:28	1
1,1,2-Trichlorotrifluoroethane	**0.055**	**J**	0.20	0.053	ppb v/v			02/11/23 18:28	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 18:28	1
Acetone	**3.3**	**J**	5.0	1.6	ppb v/v			02/11/23 18:28	1

Client Sample ID: IA-1

Date Collected: 01/28/23 17:12
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-2

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**4.6**	**J**	5.0	1.6	ppb v/v			02/11/23 18:28	1
Carbon disulfide	**0.22**	**J**	0.50	0.13	ppb v/v			02/11/23 18:28	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 18:28	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 18:28	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 18:28	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 18:28	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/11/23 18:28	1
n-Hexane	**0.86**		0.50	0.11	ppb v/v			02/11/23 18:28	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 18:28	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/11/23 18:28	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/11/23 18:28	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/11/23 18:28	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 18:28	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 18:28	1
Cyclohexane	**0.058**	**J**	0.20	0.058	ppb v/v			02/11/23 18:28	1
Carbon tetrachloride	**0.044**		0.035	0.022	ppb v/v			02/11/23 18:28	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/11/23 18:28	1
Benzene	**0.25**		0.20	0.044	ppb v/v			02/11/23 18:28	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 18:28	1
n-Heptane	**0.12**	**J**	0.20	0.055	ppb v/v			02/11/23 18:28	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/11/23 18:28	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 18:28	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 18:28	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 18:28	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 18:28	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 18:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/11/23 18:28	1
Toluene	**0.38**	**B**	0.20	0.042	ppb v/v			02/11/23 18:28	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 18:28	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 18:28	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/11/23 18:28	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 18:28	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 18:28	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 18:28	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 18:28	1
Ethylbenzene	**0.090**	**J B**	0.20	0.052	ppb v/v			02/11/23 18:28	1
m,p-Xylene	**0.15**	**J**	0.50	0.095	ppb v/v			02/11/23 18:28	1
o-Xylene	**0.11**	**J**	0.20	0.052	ppb v/v			02/11/23 18:28	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/11/23 18:28	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 18:28	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 18:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 18:28	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 18:28	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/11/23 18:28	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 18:28	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 18:28	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 18:28	1
1,2,4-Trimethylbenzene	**0.095**	**J**	0.20	0.080	ppb v/v			02/11/23 18:28	1

Client Sample ID: IA-1

Lab Sample ID: 200-66741-2

Date Collected: 01/28/23 17:12
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 18:28	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 18:28	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/11/23 18:28	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 18:28	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 18:28	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 18:28	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 18:28	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 18:28	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 18:28	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 18:28	1

Client Sample ID: EW-2

Lab Sample ID: 200-66741-3

Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/11/23 19:21	1
Chlorodifluoromethane	**1.9**		1.8	0.42	ug/m3			02/11/23 19:21	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 19:21	1
Chloromethane	**0.70**	**J**	1.0	0.31	ug/m3			02/11/23 19:21	1
n-Butane	**12**		1.2	0.48	ug/m3			02/11/23 19:21	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 19:21	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 19:21	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 19:21	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 19:21	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 19:21	1
Trichlorofluoromethane	**1.9**		1.1	0.28	ug/m3			02/11/23 19:21	1
1,1,2-Trichlorotrifluoroethane	**0.43**	**J**	1.5	0.41	ug/m3			02/11/23 19:21	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 19:21	1
Acetone	**19**		12	3.8	ug/m3			02/11/23 19:21	1
Isopropyl alcohol	**270**	**E**	12	3.9	ug/m3			02/11/23 19:21	1
Carbon disulfide	**1.8**		1.6	0.40	ug/m3			02/11/23 19:21	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 19:21	1
Methylene Chloride	**0.71**	**J**	1.7	0.63	ug/m3			02/11/23 19:21	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 19:21	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 19:21	1
trans-1,2-Dichloroethene	**0.52**	**J**	0.79	0.091	ug/m3			02/11/23 19:21	1
n-Hexane	**7.3**		1.8	0.39	ug/m3			02/11/23 19:21	1
1,1-Dichloroethane	**1.1**		0.81	0.10	ug/m3			02/11/23 19:21	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/11/23 19:21	1
cis-1,2-Dichloroethene	**2.0**		0.20	0.083	ug/m3			02/11/23 19:21	1
Chloroform	**2.8**		0.98	0.20	ug/m3			02/11/23 19:21	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 19:21	1
1,1,1-Trichloroethane	**1.8**		1.1	0.24	ug/m3			02/11/23 19:21	1
Cyclohexane	**1.1**		0.69	0.20	ug/m3			02/11/23 19:21	1
Carbon tetrachloride	**3.2**		0.22	0.14	ug/m3			02/11/23 19:21	1
2,2,4-Trimethylpentane	**1.5**		0.93	0.18	ug/m3			02/11/23 19:21	1

Client Sample ID: EW-2

Date Collected: 01/28/23 18:37
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-3

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.4**		0.64	0.14	ug/m3			02/11/23 19:21	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 19:21	1
n-Heptane	**3.2**		0.82	0.23	ug/m3			02/11/23 19:21	1
Trichloroethene	**4.1**		0.19	0.13	ug/m3			02/11/23 19:21	1
Methyl methacrylate	**1.7**	**J**	2.0	0.57	ug/m3			02/11/23 19:21	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 19:21	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 19:21	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 19:21	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 19:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.69**	**J**	2.0	0.53	ug/m3			02/11/23 19:21	1
Toluene	**11**		0.75	0.16	ug/m3			02/11/23 19:21	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 19:21	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 19:21	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/11/23 19:21	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 19:21	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 19:21	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 19:21	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 19:21	1
Ethylbenzene	**2.6**		0.87	0.23	ug/m3			02/11/23 19:21	1
m,p-Xylene	**8.1**		2.2	0.41	ug/m3			02/11/23 19:21	1
o-Xylene	**2.4**		0.87	0.23	ug/m3			02/11/23 19:21	1
Styrene	**0.58**	**J**	0.85	0.25	ug/m3			02/11/23 19:21	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 19:21	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 19:21	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 19:21	1
n-Propylbenzene	**0.32**	**J**	0.98	0.23	ug/m3			02/11/23 19:21	1
4-Ethyltoluene	**0.50**	**J**	0.98	0.24	ug/m3			02/11/23 19:21	1
1,3,5-Trimethylbenzene	**0.45**	**J**	0.98	0.23	ug/m3			02/11/23 19:21	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 19:21	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 19:21	1
1,2,4-Trimethylbenzene	**1.9**		0.98	0.39	ug/m3			02/11/23 19:21	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 19:21	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 19:21	1
1,3-Dichlorobenzene	**1.6**		1.2	0.44	ug/m3			02/11/23 19:21	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 19:21	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 19:21	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 19:21	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 19:21	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 19:21	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 19:21	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 19:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.40**	**J**	0.50	0.11	ppb v/v			02/11/23 19:21	1
Chlorodifluoromethane	**0.53**		0.50	0.12	ppb v/v			02/11/23 19:21	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 19:21	1
Chloromethane	**0.34**	**J**	0.50	0.15	ppb v/v			02/11/23 19:21	1
n-Butane	**5.1**		0.50	0.20	ppb v/v			02/11/23 19:21	1

Client Sample ID: EW-2

Date Collected: 01/28/23 18:37
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-3

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 19:21	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 19:21	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 19:21	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 19:21	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 19:21	1
Trichlorofluoromethane	**0.35**		0.20	0.050	ppb v/v			02/11/23 19:21	1
1,1,2-Trichlorotrifluoroethane	**0.056**	**J**	0.20	0.053	ppb v/v			02/11/23 19:21	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 19:21	1
Acetone	**7.9**		5.0	1.6	ppb v/v			02/11/23 19:21	1
Isopropyl alcohol	**110**	**E**	5.0	1.6	ppb v/v			02/11/23 19:21	1
Carbon disulfide	**0.57**		0.50	0.13	ppb v/v			02/11/23 19:21	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 19:21	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			02/11/23 19:21	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 19:21	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 19:21	1
trans-1,2-Dichloroethene	**0.13**	**J**	0.20	0.023	ppb v/v			02/11/23 19:21	1
n-Hexane	**2.1**		0.50	0.11	ppb v/v			02/11/23 19:21	1
1,1-Dichloroethane	**0.27**		0.20	0.025	ppb v/v			02/11/23 19:21	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/11/23 19:21	1
cis-1,2-Dichloroethene	**0.49**		0.050	0.021	ppb v/v			02/11/23 19:21	1
Chloroform	**0.58**		0.20	0.041	ppb v/v			02/11/23 19:21	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 19:21	1
1,1,1-Trichloroethane	**0.32**		0.20	0.044	ppb v/v			02/11/23 19:21	1
Cyclohexane	**0.33**		0.20	0.058	ppb v/v			02/11/23 19:21	1
Carbon tetrachloride	**0.51**		0.035	0.022	ppb v/v			02/11/23 19:21	1
2,2,4-Trimethylpentane	**0.33**		0.20	0.038	ppb v/v			02/11/23 19:21	1
Benzene	**0.77**		0.20	0.044	ppb v/v			02/11/23 19:21	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 19:21	1
n-Heptane	**0.79**		0.20	0.055	ppb v/v			02/11/23 19:21	1
Trichloroethene	**0.77**		0.035	0.025	ppb v/v			02/11/23 19:21	1
Methyl methacrylate	**0.40**	**J**	0.50	0.14	ppb v/v			02/11/23 19:21	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 19:21	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 19:21	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 19:21	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 19:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.17**	**J**	0.50	0.13	ppb v/v			02/11/23 19:21	1
Toluene	**2.9**		0.20	0.042	ppb v/v			02/11/23 19:21	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 19:21	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 19:21	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/11/23 19:21	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 19:21	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 19:21	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 19:21	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 19:21	1
Ethylbenzene	**0.59**		0.20	0.052	ppb v/v			02/11/23 19:21	1
m,p-Xylene	**1.9**		0.50	0.095	ppb v/v			02/11/23 19:21	1
o-Xylene	**0.56**		0.20	0.052	ppb v/v			02/11/23 19:21	1
Styrene	**0.14**	**J**	0.20	0.059	ppb v/v			02/11/23 19:21	1

Client Sample ID: EW-2

Lab Sample ID: 200-66741-3

Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 19:21	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 19:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 19:21	1
n-Propylbenzene	**0.065**	**J**	0.20	0.047	ppb v/v			02/11/23 19:21	1
4-Ethyltoluene	**0.10**	**J**	0.20	0.049	ppb v/v			02/11/23 19:21	1
1,3,5-Trimethylbenzene	**0.091**	**J**	0.20	0.047	ppb v/v			02/11/23 19:21	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 19:21	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 19:21	1
1,2,4-Trimethylbenzene	**0.38**		0.20	0.080	ppb v/v			02/11/23 19:21	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 19:21	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 19:21	1
1,3-Dichlorobenzene	**0.26**		0.20	0.074	ppb v/v			02/11/23 19:21	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 19:21	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 19:21	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 19:21	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 19:21	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 19:21	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 19:21	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 19:21	1

Client Sample ID: IA-2

Lab Sample ID: 200-66741-4

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			02/11/23 20:14	1
Chlorodifluoromethane	**2.9**		1.8	0.42	ug/m3			02/11/23 20:14	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 20:14	1
Chloromethane	**0.97**	**J**	1.0	0.31	ug/m3			02/11/23 20:14	1
n-Butane	**39**		1.2	0.48	ug/m3			02/11/23 20:14	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 20:14	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 20:14	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 20:14	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 20:14	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 20:14	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			02/11/23 20:14	1
1,1,2-Trichlorotrifluoroethane	**0.46**	**J**	1.5	0.41	ug/m3			02/11/23 20:14	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 20:14	1
Acetone	**15**		12	3.8	ug/m3			02/11/23 20:14	1
Isopropyl alcohol	**27**		12	3.9	ug/m3			02/11/23 20:14	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/11/23 20:14	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 20:14	1
Methylene Chloride	**0.87**	**J**	1.7	0.63	ug/m3			02/11/23 20:14	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 20:14	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 20:14	1
trans-1,2-Dichloroethene	**0.81**		0.79	0.091	ug/m3			02/11/23 20:14	1
n-Hexane	**5.8**		1.8	0.39	ug/m3			02/11/23 20:14	1

Client Sample ID: IA-2

Date Collected: 01/28/23 18:36
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-4

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 20:14	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			02/11/23 20:14	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/11/23 20:14	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/11/23 20:14	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 20:14	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 20:14	1
Cyclohexane	**1.9**		0.69	0.20	ug/m3			02/11/23 20:14	1
Carbon tetrachloride	**0.32**		0.22	0.14	ug/m3			02/11/23 20:14	1
2,2,4-Trimethylpentane	**4.5**		0.93	0.18	ug/m3			02/11/23 20:14	1
Benzene	**2.4**		0.64	0.14	ug/m3			02/11/23 20:14	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 20:14	1
n-Heptane	**4.3**		0.82	0.23	ug/m3			02/11/23 20:14	1
Trichloroethene	**0.20**		0.19	0.13	ug/m3			02/11/23 20:14	1
Methyl methacrylate	**1.1**	**J**	2.0	0.57	ug/m3			02/11/23 20:14	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 20:14	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 20:14	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 20:14	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 20:14	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**5.1**		2.0	0.53	ug/m3			02/11/23 20:14	1
Toluene	**15**		0.75	0.16	ug/m3			02/11/23 20:14	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 20:14	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 20:14	1
Tetrachloroethene	**0.64**	**J**	1.4	0.14	ug/m3			02/11/23 20:14	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 20:14	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 20:14	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 20:14	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 20:14	1
Ethylbenzene	**2.6**		0.87	0.23	ug/m3			02/11/23 20:14	1
m,p-Xylene	**8.3**		2.2	0.41	ug/m3			02/11/23 20:14	1
o-Xylene	**2.8**		0.87	0.23	ug/m3			02/11/23 20:14	1
Styrene	**0.79**	**J**	0.85	0.25	ug/m3			02/11/23 20:14	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 20:14	1
Cumene	**0.28**	**J**	0.98	0.20	ug/m3			02/11/23 20:14	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 20:14	1
n-Propylbenzene	**0.44**	**J**	0.98	0.23	ug/m3			02/11/23 20:14	1
4-Ethyltoluene	**0.54**	**J**	0.98	0.24	ug/m3			02/11/23 20:14	1
1,3,5-Trimethylbenzene	**0.60**	**J**	0.98	0.23	ug/m3			02/11/23 20:14	1
2-Chlorotoluene	**0.25**	**J**	1.0	0.24	ug/m3			02/11/23 20:14	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 20:14	1
1,2,4-Trimethylbenzene	**2.3**		0.98	0.39	ug/m3			02/11/23 20:14	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 20:14	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 20:14	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/11/23 20:14	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 20:14	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 20:14	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 20:14	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 20:14	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 20:14	1

Client Sample ID: IA-2

Lab Sample ID: 200-66741-4

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 20:14	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 20:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			02/11/23 20:14	1
Chlorodifluoromethane	**0.83**		0.50	0.12	ppb v/v			02/11/23 20:14	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 20:14	1
Chloromethane	**0.47**	**J**	0.50	0.15	ppb v/v			02/11/23 20:14	1
n-Butane	**16**		0.50	0.20	ppb v/v			02/11/23 20:14	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 20:14	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 20:14	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 20:14	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 20:14	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 20:14	1
Trichlorofluoromethane	**0.21**		0.20	0.050	ppb v/v			02/11/23 20:14	1
1,1,2-Trichlorotrifluoroethane	**0.060**	**J**	0.20	0.053	ppb v/v			02/11/23 20:14	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 20:14	1
Acetone	**6.2**		5.0	1.6	ppb v/v			02/11/23 20:14	1
Isopropyl alcohol	**11**		5.0	1.6	ppb v/v			02/11/23 20:14	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/11/23 20:14	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 20:14	1
Methylene Chloride	**0.25**	**J**	0.50	0.18	ppb v/v			02/11/23 20:14	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 20:14	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 20:14	1
trans-1,2-Dichloroethene	**0.21**		0.20	0.023	ppb v/v			02/11/23 20:14	1
n-Hexane	**1.6**		0.50	0.11	ppb v/v			02/11/23 20:14	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 20:14	1
Methyl Ethyl Ketone (2-Butanone)	**0.50**		0.50	0.49	ppb v/v			02/11/23 20:14	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/11/23 20:14	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/11/23 20:14	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 20:14	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 20:14	1
Cyclohexane	**0.55**		0.20	0.058	ppb v/v			02/11/23 20:14	1
Carbon tetrachloride	**0.051**		0.035	0.022	ppb v/v			02/11/23 20:14	1
2,2,4-Trimethylpentane	**0.97**		0.20	0.038	ppb v/v			02/11/23 20:14	1
Benzene	**0.76**		0.20	0.044	ppb v/v			02/11/23 20:14	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 20:14	1
n-Heptane	**1.0**		0.20	0.055	ppb v/v			02/11/23 20:14	1
Trichloroethene	**0.037**		0.035	0.025	ppb v/v			02/11/23 20:14	1
Methyl methacrylate	**0.28**	**J**	0.50	0.14	ppb v/v			02/11/23 20:14	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 20:14	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 20:14	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 20:14	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 20:14	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.2**		0.50	0.13	ppb v/v			02/11/23 20:14	1
Toluene	**3.9**		0.20	0.042	ppb v/v			02/11/23 20:14	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 20:14	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 20:14	1

Client Sample ID: IA-2

Lab Sample ID: 200-66741-4

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.094**	**J**	0.20	0.021	ppb v/v			02/11/23 20:14	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 20:14	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 20:14	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 20:14	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 20:14	1
Ethylbenzene	**0.59**		0.20	0.052	ppb v/v			02/11/23 20:14	1
m,p-Xylene	**1.9**		0.50	0.095	ppb v/v			02/11/23 20:14	1
o-Xylene	**0.65**		0.20	0.052	ppb v/v			02/11/23 20:14	1
Styrene	**0.19**	**J**	0.20	0.059	ppb v/v			02/11/23 20:14	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 20:14	1
Cumene	**0.056**	**J**	0.20	0.041	ppb v/v			02/11/23 20:14	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 20:14	1
n-Propylbenzene	**0.089**	**J**	0.20	0.047	ppb v/v			02/11/23 20:14	1
4-Ethyltoluene	**0.11**	**J**	0.20	0.049	ppb v/v			02/11/23 20:14	1
1,3,5-Trimethylbenzene	**0.12**	**J**	0.20	0.047	ppb v/v			02/11/23 20:14	1
2-Chlorotoluene	**0.049**	**J**	0.20	0.046	ppb v/v			02/11/23 20:14	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 20:14	1
1,2,4-Trimethylbenzene	**0.46**		0.20	0.080	ppb v/v			02/11/23 20:14	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 20:14	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 20:14	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/11/23 20:14	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 20:14	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 20:14	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 20:14	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 20:14	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 20:14	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 20:14	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 20:14	1

Client Sample ID: IA-3

Lab Sample ID: 200-66741-6

Date Collected: 01/28/23 18:03
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/11/23 21:07	1
Chlorodifluoromethane	**2.8**		1.8	0.42	ug/m3			02/11/23 21:07	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 21:07	1
Chloromethane	**1.0**		1.0	0.31	ug/m3			02/11/23 21:07	1
n-Butane	**15**		1.2	0.48	ug/m3			02/11/23 21:07	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 21:07	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 21:07	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 21:07	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 21:07	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 21:07	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			02/11/23 21:07	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/11/23 21:07	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 21:07	1

Client Sample ID: IA-3

Lab Sample ID: 200-66741-6

Date Collected: 01/28/23 18:03
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**16**		12	3.8	ug/m3			02/11/23 21:07	1
Isopropyl alcohol	**8.4**	**J**	12	3.9	ug/m3			02/11/23 21:07	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/11/23 21:07	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 21:07	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 21:07	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 21:07	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 21:07	1
trans-1,2-Dichloroethene	**1.7**		0.79	0.091	ug/m3			02/11/23 21:07	1
n-Hexane	**2.7**		1.8	0.39	ug/m3			02/11/23 21:07	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 21:07	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.5	1.4	ug/m3			02/11/23 21:07	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/11/23 21:07	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/11/23 21:07	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 21:07	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 21:07	1
Cyclohexane	**0.68**	**J**	0.69	0.20	ug/m3			02/11/23 21:07	1
Carbon tetrachloride	**0.25**		0.22	0.14	ug/m3			02/11/23 21:07	1
2,2,4-Trimethylpentane	**1.6**		0.93	0.18	ug/m3			02/11/23 21:07	1
Benzene	**1.2**		0.64	0.14	ug/m3			02/11/23 21:07	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 21:07	1
n-Heptane	**1.5**		0.82	0.23	ug/m3			02/11/23 21:07	1
Trichloroethene	**0.14**	**J**	0.19	0.13	ug/m3			02/11/23 21:07	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 21:07	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 21:07	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 21:07	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 21:07	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 21:07	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.3**		2.0	0.53	ug/m3			02/11/23 21:07	1
Toluene	**5.7**		0.75	0.16	ug/m3			02/11/23 21:07	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 21:07	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 21:07	1
Tetrachloroethene	**0.28**	**J**	1.4	0.14	ug/m3			02/11/23 21:07	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 21:07	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 21:07	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 21:07	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 21:07	1
Ethylbenzene	**1.2**	**B**	0.87	0.23	ug/m3			02/11/23 21:07	1
m,p-Xylene	**3.1**		2.2	0.41	ug/m3			02/11/23 21:07	1
o-Xylene	**1.3**		0.87	0.23	ug/m3			02/11/23 21:07	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/11/23 21:07	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 21:07	1
Cumene	**0.23**	**J**	0.98	0.20	ug/m3			02/11/23 21:07	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 21:07	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 21:07	1
4-Ethyltoluene	**0.29**	**J**	0.98	0.24	ug/m3			02/11/23 21:07	1
1,3,5-Trimethylbenzene	**0.30**	**J**	0.98	0.23	ug/m3			02/11/23 21:07	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 21:07	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 21:07	1

Client Sample ID: IA-3

Lab Sample ID: 200-66741-6

Date Collected: 01/28/23 18:03
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**1.3**		0.98	0.39	ug/m3			02/11/23 21:07	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 21:07	1
4-Isopropyltoluene	**0.36**	**J**	1.1	0.33	ug/m3			02/11/23 21:07	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/11/23 21:07	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 21:07	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 21:07	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 21:07	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 21:07	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 21:07	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 21:07	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 21:07	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			02/11/23 21:07	1
Chlorodifluoromethane	**0.79**		0.50	0.12	ppb v/v			02/11/23 21:07	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 21:07	1
Chloromethane	**0.48**		0.50	0.15	ppb v/v			02/11/23 21:07	1
n-Butane	**6.1**		0.50	0.20	ppb v/v			02/11/23 21:07	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 21:07	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 21:07	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 21:07	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 21:07	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 21:07	1
Trichlorofluoromethane	**0.21**		0.20	0.050	ppb v/v			02/11/23 21:07	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/11/23 21:07	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 21:07	1
Acetone	**6.6**		5.0	1.6	ppb v/v			02/11/23 21:07	1
Isopropyl alcohol	**3.4**	**J**	5.0	1.6	ppb v/v			02/11/23 21:07	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/11/23 21:07	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 21:07	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 21:07	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 21:07	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 21:07	1
trans-1,2-Dichloroethene	**0.42**		0.20	0.023	ppb v/v			02/11/23 21:07	1
n-Hexane	**0.75**		0.50	0.11	ppb v/v			02/11/23 21:07	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 21:07	1
Methyl Ethyl Ketone (2-Butanone)	**0.53**		0.50	0.49	ppb v/v			02/11/23 21:07	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/11/23 21:07	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/11/23 21:07	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 21:07	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 21:07	1
Cyclohexane	**0.20**	**J**	0.20	0.058	ppb v/v			02/11/23 21:07	1
Carbon tetrachloride	**0.040**		0.035	0.022	ppb v/v			02/11/23 21:07	1
2,2,4-Trimethylpentane	**0.35**		0.20	0.038	ppb v/v			02/11/23 21:07	1
Benzene	**0.39**		0.20	0.044	ppb v/v			02/11/23 21:07	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 21:07	1
n-Heptane	**0.37**		0.20	0.055	ppb v/v			02/11/23 21:07	1
Trichloroethene	**0.026**	**J**	0.035	0.025	ppb v/v			02/11/23 21:07	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 21:07	1

Client Sample ID: IA-3

Lab Sample ID: 200-66741-6

Date Collected: 01/28/23 18:03
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 21:07	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 21:07	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 21:07	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 21:07	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.80**		0.50	0.13	ppb v/v			02/11/23 21:07	1
Toluene	**1.5**		0.20	0.042	ppb v/v			02/11/23 21:07	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 21:07	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 21:07	1
Tetrachloroethene	**0.042**	**J**	0.20	0.021	ppb v/v			02/11/23 21:07	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 21:07	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 21:07	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 21:07	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 21:07	1
Ethylbenzene	**0.27**	**B**	0.20	0.052	ppb v/v			02/11/23 21:07	1
m,p-Xylene	**0.71**		0.50	0.095	ppb v/v			02/11/23 21:07	1
o-Xylene	**0.29**		0.20	0.052	ppb v/v			02/11/23 21:07	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/11/23 21:07	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 21:07	1
Cumene	**0.047**	**J**	0.20	0.041	ppb v/v			02/11/23 21:07	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 21:07	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 21:07	1
4-Ethyltoluene	**0.060**	**J**	0.20	0.049	ppb v/v			02/11/23 21:07	1
1,3,5-Trimethylbenzene	**0.061**	**J**	0.20	0.047	ppb v/v			02/11/23 21:07	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 21:07	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 21:07	1
1,2,4-Trimethylbenzene	**0.26**		0.20	0.080	ppb v/v			02/11/23 21:07	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 21:07	1
4-Isopropyltoluene	**0.066**	**J**	0.20	0.061	ppb v/v			02/11/23 21:07	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/11/23 21:07	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 21:07	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 21:07	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 21:07	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 21:07	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 21:07	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 21:07	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 21:07	1

Client Sample ID: EW-4

Lab Sample ID: 200-66741-7

Date Collected: 01/28/23 18:13
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/11/23 22:00	1
Chlorodifluoromethane	**5.1**		1.8	0.42	ug/m3			02/11/23 22:00	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 22:00	1
Chloromethane	**0.45**	**J**	1.0	0.31	ug/m3			02/11/23 22:00	1

Client Sample ID: EW-4

Lab Sample ID: 200-66741-7

Date Collected: 01/28/23 18:13
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**6.2**		1.2	0.48	ug/m3			02/11/23 22:00	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 22:00	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 22:00	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 22:00	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 22:00	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 22:00	1
Trichlorofluoromethane	**1.5**		1.1	0.28	ug/m3			02/11/23 22:00	1
1,1,2-Trichlorotrifluoroethane	**0.43**	**J**	1.5	0.41	ug/m3			02/11/23 22:00	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 22:00	1
Acetone	**42**		12	3.8	ug/m3			02/11/23 22:00	1
Isopropyl alcohol	**390**	**E**	12	3.9	ug/m3			02/11/23 22:00	1
Carbon disulfide	**0.55**	**J**	1.6	0.40	ug/m3			02/11/23 22:00	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 22:00	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 22:00	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 22:00	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 22:00	1
trans-1,2-Dichloroethene	**3.4**		0.79	0.091	ug/m3			02/11/23 22:00	1
n-Hexane	**2.9**		1.8	0.39	ug/m3			02/11/23 22:00	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 22:00	1
Methyl Ethyl Ketone (2-Butanone)	**4.6**		1.5	1.4	ug/m3			02/11/23 22:00	1
cis-1,2-Dichloroethene	**1.5**		0.20	0.083	ug/m3			02/11/23 22:00	1
Chloroform	**0.34**	**J**	0.98	0.20	ug/m3			02/11/23 22:00	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 22:00	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 22:00	1
Cyclohexane	**0.46**	**J**	0.69	0.20	ug/m3			02/11/23 22:00	1
Carbon tetrachloride	**0.33**		0.22	0.14	ug/m3			02/11/23 22:00	1
2,2,4-Trimethylpentane	**0.75**	**J**	0.93	0.18	ug/m3			02/11/23 22:00	1
Benzene	**1.5**		0.64	0.14	ug/m3			02/11/23 22:00	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 22:00	1
n-Heptane	**1.2**		0.82	0.23	ug/m3			02/11/23 22:00	1
Trichloroethene	**4.3**		0.19	0.13	ug/m3			02/11/23 22:00	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 22:00	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 22:00	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 22:00	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 22:00	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 22:00	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.63**	**J**	2.0	0.53	ug/m3			02/11/23 22:00	1
Toluene	**7.0**		0.75	0.16	ug/m3			02/11/23 22:00	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 22:00	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 22:00	1
Tetrachloroethene	**1.1**	**J**	1.4	0.14	ug/m3			02/11/23 22:00	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 22:00	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 22:00	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 22:00	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 22:00	1
Ethylbenzene	**1.4**	**B**	0.87	0.23	ug/m3			02/11/23 22:00	1
m,p-Xylene	**4.4**		2.2	0.41	ug/m3			02/11/23 22:00	1
o-Xylene	**1.6**		0.87	0.23	ug/m3			02/11/23 22:00	1

Client Sample ID: EW-4

Date Collected: 01/28/23 18:13
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-7

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**0.58**	**J**	0.85	0.25	ug/m3			02/11/23 22:00	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 22:00	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 22:00	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 22:00	1
n-Propylbenzene	**0.27**	**J**	0.98	0.23	ug/m3			02/11/23 22:00	1
4-Ethyltoluene	**0.40**	**J**	0.98	0.24	ug/m3			02/11/23 22:00	1
1,3,5-Trimethylbenzene	**0.47**	**J**	0.98	0.23	ug/m3			02/11/23 22:00	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 22:00	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 22:00	1
1,2,4-Trimethylbenzene	**2.1**		0.98	0.39	ug/m3			02/11/23 22:00	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 22:00	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 22:00	1
1,3-Dichlorobenzene	**4.0**		1.2	0.44	ug/m3			02/11/23 22:00	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 22:00	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 22:00	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 22:00	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 22:00	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 22:00	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 22:00	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 22:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.50**		0.50	0.11	ppb v/v			02/11/23 22:00	1
Chlorodifluoromethane	**1.4**		0.50	0.12	ppb v/v			02/11/23 22:00	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 22:00	1
Chloromethane	**0.22**	**J**	0.50	0.15	ppb v/v			02/11/23 22:00	1
n-Butane	**2.6**		0.50	0.20	ppb v/v			02/11/23 22:00	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 22:00	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 22:00	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 22:00	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 22:00	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 22:00	1
Trichlorofluoromethane	**0.26**		0.20	0.050	ppb v/v			02/11/23 22:00	1
1,1,2-Trichlorotrifluoroethane	**0.056**	**J**	0.20	0.053	ppb v/v			02/11/23 22:00	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 22:00	1
Acetone	**18**		5.0	1.6	ppb v/v			02/11/23 22:00	1
Isopropyl alcohol	**160**	**E**	5.0	1.6	ppb v/v			02/11/23 22:00	1
Carbon disulfide	**0.18**	**J**	0.50	0.13	ppb v/v			02/11/23 22:00	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 22:00	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 22:00	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 22:00	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 22:00	1
trans-1,2-Dichloroethene	**0.85**		0.20	0.023	ppb v/v			02/11/23 22:00	1
n-Hexane	**0.83**		0.50	0.11	ppb v/v			02/11/23 22:00	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 22:00	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		0.50	0.49	ppb v/v			02/11/23 22:00	1
cis-1,2-Dichloroethene	**0.39**		0.050	0.021	ppb v/v			02/11/23 22:00	1
Chloroform	**0.070**	**J**	0.20	0.041	ppb v/v			02/11/23 22:00	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 22:00	1

Client Sample ID: EW-4

Date Collected: 01/28/23 18:13
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-7

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 22:00	1
Cyclohexane	**0.13**	**J**	0.20	0.058	ppb v/v			02/11/23 22:00	1
Carbon tetrachloride	**0.052**		0.035	0.022	ppb v/v			02/11/23 22:00	1
2,2,4-Trimethylpentane	**0.16**	**J**	0.20	0.038	ppb v/v			02/11/23 22:00	1
Benzene	**0.47**		0.20	0.044	ppb v/v			02/11/23 22:00	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 22:00	1
n-Heptane	**0.30**		0.20	0.055	ppb v/v			02/11/23 22:00	1
Trichloroethene	**0.81**		0.035	0.025	ppb v/v			02/11/23 22:00	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 22:00	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 22:00	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 22:00	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 22:00	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 22:00	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.15**	**J**	0.50	0.13	ppb v/v			02/11/23 22:00	1
Toluene	**1.9**		0.20	0.042	ppb v/v			02/11/23 22:00	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 22:00	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 22:00	1
Tetrachloroethene	**0.17**	**J**	0.20	0.021	ppb v/v			02/11/23 22:00	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 22:00	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 22:00	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 22:00	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 22:00	1
Ethylbenzene	**0.33**	**B**	0.20	0.052	ppb v/v			02/11/23 22:00	1
m,p-Xylene	**1.0**		0.50	0.095	ppb v/v			02/11/23 22:00	1
o-Xylene	**0.36**		0.20	0.052	ppb v/v			02/11/23 22:00	1
Styrene	**0.14**	**J**	0.20	0.059	ppb v/v			02/11/23 22:00	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 22:00	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 22:00	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 22:00	1
n-Propylbenzene	**0.056**	**J**	0.20	0.047	ppb v/v			02/11/23 22:00	1
4-Ethyltoluene	**0.082**	**J**	0.20	0.049	ppb v/v			02/11/23 22:00	1
1,3,5-Trimethylbenzene	**0.095**	**J**	0.20	0.047	ppb v/v			02/11/23 22:00	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 22:00	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 22:00	1
1,2,4-Trimethylbenzene	**0.42**		0.20	0.080	ppb v/v			02/11/23 22:00	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 22:00	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 22:00	1
1,3-Dichlorobenzene	**0.67**		0.20	0.074	ppb v/v			02/11/23 22:00	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 22:00	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 22:00	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 22:00	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 22:00	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 22:00	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 22:00	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 22:00	1

Client Sample ID: IA-4

Lab Sample ID: 200-66741-8

Date Collected: 01/28/23 18:14
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**		2.5	0.54	ug/m3			02/11/23 22:53	1
Chlorodifluoromethane	**5.4**		1.8	0.42	ug/m3			02/11/23 22:53	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 22:53	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/11/23 22:53	1
n-Butane	**26**		1.2	0.48	ug/m3			02/11/23 22:53	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 22:53	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 22:53	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 22:53	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 22:53	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 22:53	1
Trichlorofluoromethane	**1.4**		1.1	0.28	ug/m3			02/11/23 22:53	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			02/11/23 22:53	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 22:53	1
Acetone	**41**		12	3.8	ug/m3			02/11/23 22:53	1
Isopropyl alcohol	**14**		12	3.9	ug/m3			02/11/23 22:53	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/11/23 22:53	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 22:53	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 22:53	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 22:53	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 22:53	1
trans-1,2-Dichloroethene	**5.9**		0.79	0.091	ug/m3			02/11/23 22:53	1
n-Hexane	**3.2**		1.8	0.39	ug/m3			02/11/23 22:53	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 22:53	1
Methyl Ethyl Ketone (2-Butanone)	**4.2**		1.5	1.4	ug/m3			02/11/23 22:53	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/11/23 22:53	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/11/23 22:53	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 22:53	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 22:53	1
Cyclohexane	**0.85**		0.69	0.20	ug/m3			02/11/23 22:53	1
Carbon tetrachloride	**0.22**		0.22	0.14	ug/m3			02/11/23 22:53	1
2,2,4-Trimethylpentane	**2.2**		0.93	0.18	ug/m3			02/11/23 22:53	1
Benzene	**1.3**		0.64	0.14	ug/m3			02/11/23 22:53	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 22:53	1
n-Heptane	**1.7**		0.82	0.23	ug/m3			02/11/23 22:53	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/11/23 22:53	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 22:53	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 22:53	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 22:53	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 22:53	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 22:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.5**	**J**	2.0	0.53	ug/m3			02/11/23 22:53	1
Toluene	**9.0**		0.75	0.16	ug/m3			02/11/23 22:53	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 22:53	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 22:53	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/11/23 22:53	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 22:53	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 22:53	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 22:53	1

Client Sample ID: IA-4

Lab Sample ID: 200-66741-8

Date Collected: 01/28/23 18:14
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 22:53	1
Ethylbenzene	**1.7**	**B**	0.87	0.23	ug/m3			02/11/23 22:53	1
m,p-Xylene	**5.4**		2.2	0.41	ug/m3			02/11/23 22:53	1
o-Xylene	**1.9**		0.87	0.23	ug/m3			02/11/23 22:53	1
Styrene	**0.73**	**J**	0.85	0.25	ug/m3			02/11/23 22:53	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 22:53	1
Cumene	**0.47**	**J**	0.98	0.20	ug/m3			02/11/23 22:53	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 22:53	1
n-Propylbenzene	**0.26**	**J**	0.98	0.23	ug/m3			02/11/23 22:53	1
4-Ethyltoluene	**0.41**	**J**	0.98	0.24	ug/m3			02/11/23 22:53	1
1,3,5-Trimethylbenzene	**0.41**	**J**	0.98	0.23	ug/m3			02/11/23 22:53	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 22:53	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 22:53	1
1,2,4-Trimethylbenzene	**1.6**		0.98	0.39	ug/m3			02/11/23 22:53	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 22:53	1
4-Isopropyltoluene	**0.79**	**J**	1.1	0.33	ug/m3			02/11/23 22:53	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/11/23 22:53	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 22:53	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 22:53	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 22:53	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 22:53	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 22:53	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 22:53	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 22:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.58**		0.50	0.11	ppb v/v			02/11/23 22:53	1
Chlorodifluoromethane	**1.5**		0.50	0.12	ppb v/v			02/11/23 22:53	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 22:53	1
Chloromethane	**0.51**		0.50	0.15	ppb v/v			02/11/23 22:53	1
n-Butane	**11**		0.50	0.20	ppb v/v			02/11/23 22:53	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 22:53	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 22:53	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 22:53	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 22:53	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 22:53	1
Trichlorofluoromethane	**0.26**		0.20	0.050	ppb v/v			02/11/23 22:53	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			02/11/23 22:53	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 22:53	1
Acetone	**17**		5.0	1.6	ppb v/v			02/11/23 22:53	1
Isopropyl alcohol	**5.7**		5.0	1.6	ppb v/v			02/11/23 22:53	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/11/23 22:53	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 22:53	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 22:53	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 22:53	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 22:53	1
trans-1,2-Dichloroethene	**1.5**		0.20	0.023	ppb v/v			02/11/23 22:53	1
n-Hexane	**0.92**		0.50	0.11	ppb v/v			02/11/23 22:53	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 22:53	1

Client Sample ID: IA-4

Lab Sample ID: 200-66741-8

Date Collected: 01/28/23 18:14
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**1.4**		0.50	0.49	ppb v/v			02/11/23 22:53	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/11/23 22:53	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/11/23 22:53	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 22:53	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 22:53	1
Cyclohexane	**0.25**		0.20	0.058	ppb v/v			02/11/23 22:53	1
Carbon tetrachloride	**0.034**		0.035	0.022	ppb v/v			02/11/23 22:53	1
2,2,4-Trimethylpentane	**0.47**		0.20	0.038	ppb v/v			02/11/23 22:53	1
Benzene	**0.42**		0.20	0.044	ppb v/v			02/11/23 22:53	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 22:53	1
n-Heptane	**0.43**		0.20	0.055	ppb v/v			02/11/23 22:53	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/11/23 22:53	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 22:53	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 22:53	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 22:53	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 22:53	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 22:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.37**	**J**	0.50	0.13	ppb v/v			02/11/23 22:53	1
Toluene	**2.4**		0.20	0.042	ppb v/v			02/11/23 22:53	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 22:53	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 22:53	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/11/23 22:53	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 22:53	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 22:53	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 22:53	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 22:53	1
Ethylbenzene	**0.39**	**B**	0.20	0.052	ppb v/v			02/11/23 22:53	1
m,p-Xylene	**1.2**		0.50	0.095	ppb v/v			02/11/23 22:53	1
o-Xylene	**0.43**		0.20	0.052	ppb v/v			02/11/23 22:53	1
Styrene	**0.17**	**J**	0.20	0.059	ppb v/v			02/11/23 22:53	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 22:53	1
Cumene	**0.096**	**J**	0.20	0.041	ppb v/v			02/11/23 22:53	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 22:53	1
n-Propylbenzene	**0.052**	**J**	0.20	0.047	ppb v/v			02/11/23 22:53	1
4-Ethyltoluene	**0.084**	**J**	0.20	0.049	ppb v/v			02/11/23 22:53	1
1,3,5-Trimethylbenzene	**0.083**	**J**	0.20	0.047	ppb v/v			02/11/23 22:53	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 22:53	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 22:53	1
1,2,4-Trimethylbenzene	**0.33**		0.20	0.080	ppb v/v			02/11/23 22:53	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 22:53	1
4-Isopropyltoluene	**0.14**	**J**	0.20	0.061	ppb v/v			02/11/23 22:53	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/11/23 22:53	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 22:53	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 22:53	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 22:53	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 22:53	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 22:53	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 22:53	1

Client Sample ID: IA-4

Lab Sample ID: 200-66741-8

Date Collected: 01/28/23 18:14
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 22:53	1

Client Sample ID: EW-5

Lab Sample ID: 200-66741-9

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**		2.5	0.54	ug/m3			02/11/23 23:46	1
Chlorodifluoromethane	**25**		1.8	0.42	ug/m3			02/11/23 23:46	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 23:46	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			02/11/23 23:46	1
n-Butane	**2.4**		1.2	0.48	ug/m3			02/11/23 23:46	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 23:46	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 23:46	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 23:46	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 23:46	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 23:46	1
Trichlorofluoromethane	**1.6**		1.1	0.28	ug/m3			02/11/23 23:46	1
1,1,2-Trichlorotrifluoroethane	**0.58**	**J**	1.5	0.41	ug/m3			02/11/23 23:46	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 23:46	1
Acetone	**23**		12	3.8	ug/m3			02/11/23 23:46	1
Isopropyl alcohol	**330**	**E**	12	3.9	ug/m3			02/11/23 23:46	1
Carbon disulfide	**0.77**	**J**	1.6	0.40	ug/m3			02/11/23 23:46	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 23:46	1
Methylene Chloride	**1.3**	**J**	1.7	0.63	ug/m3			02/11/23 23:46	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 23:46	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 23:46	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/11/23 23:46	1
n-Hexane	**2.7**		1.8	0.39	ug/m3			02/11/23 23:46	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 23:46	1
Methyl Ethyl Ketone (2-Butanone)	**5.7**		1.5	1.4	ug/m3			02/11/23 23:46	1
cis-1,2-Dichloroethene	**0.80**		0.20	0.083	ug/m3			02/11/23 23:46	1
Chloroform	**0.49**	**J**	0.98	0.20	ug/m3			02/11/23 23:46	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 23:46	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 23:46	1
Cyclohexane	**0.41**	**J**	0.69	0.20	ug/m3			02/11/23 23:46	1
Carbon tetrachloride	**0.58**		0.22	0.14	ug/m3			02/11/23 23:46	1
2,2,4-Trimethylpentane	**0.46**	**J**	0.93	0.18	ug/m3			02/11/23 23:46	1
Benzene	**1.1**		0.64	0.14	ug/m3			02/11/23 23:46	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 23:46	1
n-Heptane	**1.8**		0.82	0.23	ug/m3			02/11/23 23:46	1
Trichloroethene	**9.5**		0.19	0.13	ug/m3			02/11/23 23:46	1
Methyl methacrylate	**0.63**	**J**	2.0	0.57	ug/m3			02/11/23 23:46	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 23:46	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 23:46	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 23:46	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 23:46	1

Client Sample ID: EW-5

Lab Sample ID: 200-66741-9

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.78**	**J**	2.0	0.53	ug/m3			02/11/23 23:46	1
Toluene	**4.1**		0.75	0.16	ug/m3			02/11/23 23:46	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 23:46	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 23:46	1
Tetrachloroethene	**0.30**	**J**	1.4	0.14	ug/m3			02/11/23 23:46	1
Methyl Butyl Ketone (2-Hexanone)	**0.90**	**J**	2.0	0.61	ug/m3			02/11/23 23:46	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 23:46	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 23:46	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 23:46	1
Ethylbenzene	**1.3**	**B**	0.87	0.23	ug/m3			02/11/23 23:46	1
m,p-Xylene	**3.8**		2.2	0.41	ug/m3			02/11/23 23:46	1
o-Xylene	**1.4**		0.87	0.23	ug/m3			02/11/23 23:46	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/11/23 23:46	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 23:46	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 23:46	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 23:46	1
n-Propylbenzene	**0.28**	**J**	0.98	0.23	ug/m3			02/11/23 23:46	1
4-Ethyltoluene	**0.34**	**J**	0.98	0.24	ug/m3			02/11/23 23:46	1
1,3,5-Trimethylbenzene	**0.38**	**J**	0.98	0.23	ug/m3			02/11/23 23:46	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 23:46	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 23:46	1
1,2,4-Trimethylbenzene	**2.9**		0.98	0.39	ug/m3			02/11/23 23:46	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 23:46	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 23:46	1
1,3-Dichlorobenzene	**4.1**		1.2	0.44	ug/m3			02/11/23 23:46	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 23:46	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 23:46	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 23:46	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 23:46	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 23:46	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 23:46	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 23:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.63**		0.50	0.11	ppb v/v			02/11/23 23:46	1
Chlorodifluoromethane	**7.0**		0.50	0.12	ppb v/v			02/11/23 23:46	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 23:46	1
Chloromethane	**0.60**		0.50	0.15	ppb v/v			02/11/23 23:46	1
n-Butane	**0.99**		0.50	0.20	ppb v/v			02/11/23 23:46	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 23:46	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 23:46	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 23:46	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 23:46	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 23:46	1
Trichlorofluoromethane	**0.29**		0.20	0.050	ppb v/v			02/11/23 23:46	1
1,1,2-Trichlorotrifluoroethane	**0.076**	**J**	0.20	0.053	ppb v/v			02/11/23 23:46	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 23:46	1
Acetone	**9.7**		5.0	1.6	ppb v/v			02/11/23 23:46	1

Client Sample ID: EW-5

Lab Sample ID: 200-66741-9

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**140**	**E**	5.0	1.6	ppb v/v			02/11/23 23:46	1
Carbon disulfide	**0.25**	**J**	0.50	0.13	ppb v/v			02/11/23 23:46	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 23:46	1
Methylene Chloride	**0.37**	**J**	0.50	0.18	ppb v/v			02/11/23 23:46	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 23:46	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 23:46	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/11/23 23:46	1
n-Hexane	**0.77**		0.50	0.11	ppb v/v			02/11/23 23:46	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 23:46	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		0.50	0.49	ppb v/v			02/11/23 23:46	1
cis-1,2-Dichloroethene	**0.20**		0.050	0.021	ppb v/v			02/11/23 23:46	1
Chloroform	**0.10**	**J**	0.20	0.041	ppb v/v			02/11/23 23:46	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 23:46	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 23:46	1
Cyclohexane	**0.12**	**J**	0.20	0.058	ppb v/v			02/11/23 23:46	1
Carbon tetrachloride	**0.092**		0.035	0.022	ppb v/v			02/11/23 23:46	1
2,2,4-Trimethylpentane	**0.098**	**J**	0.20	0.038	ppb v/v			02/11/23 23:46	1
Benzene	**0.35**		0.20	0.044	ppb v/v			02/11/23 23:46	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 23:46	1
n-Heptane	**0.43**		0.20	0.055	ppb v/v			02/11/23 23:46	1
Trichloroethene	**1.8**		0.035	0.025	ppb v/v			02/11/23 23:46	1
Methyl methacrylate	**0.15**	**J**	0.50	0.14	ppb v/v			02/11/23 23:46	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 23:46	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 23:46	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 23:46	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 23:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.19**	**J**	0.50	0.13	ppb v/v			02/11/23 23:46	1
Toluene	**1.1**		0.20	0.042	ppb v/v			02/11/23 23:46	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 23:46	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 23:46	1
Tetrachloroethene	**0.044**	**J**	0.20	0.021	ppb v/v			02/11/23 23:46	1
Methyl Butyl Ketone (2-Hexanone)	**0.22**	**J**	0.50	0.15	ppb v/v			02/11/23 23:46	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 23:46	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 23:46	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 23:46	1
Ethylbenzene	**0.30**	**B**	0.20	0.052	ppb v/v			02/11/23 23:46	1
m,p-Xylene	**0.88**		0.50	0.095	ppb v/v			02/11/23 23:46	1
o-Xylene	**0.31**		0.20	0.052	ppb v/v			02/11/23 23:46	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/11/23 23:46	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 23:46	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 23:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 23:46	1
n-Propylbenzene	**0.057**	**J**	0.20	0.047	ppb v/v			02/11/23 23:46	1
4-Ethyltoluene	**0.070**	**J**	0.20	0.049	ppb v/v			02/11/23 23:46	1
1,3,5-Trimethylbenzene	**0.077**	**J**	0.20	0.047	ppb v/v			02/11/23 23:46	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 23:46	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 23:46	1
1,2,4-Trimethylbenzene	**0.60**		0.20	0.080	ppb v/v			02/11/23 23:46	1

Client Sample ID: EW-5

Lab Sample ID: 200-66741-9

Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 23:46	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 23:46	1
1,3-Dichlorobenzene	**0.68**		0.20	0.074	ppb v/v			02/11/23 23:46	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 23:46	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 23:46	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 23:46	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 23:46	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 23:46	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 23:46	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 23:46	1

Client Sample ID: IA-5

Lab Sample ID: 200-66741-10

Date Collected: 01/28/23 17:39
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/12/23 06:50	1
Chlorodifluoromethane	**12**		1.8	0.42	ug/m3			02/12/23 06:50	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/12/23 06:50	1
Chloromethane	**0.98**	**J**	1.0	0.31	ug/m3			02/12/23 06:50	1
n-Butane	**5.3**		1.2	0.48	ug/m3			02/12/23 06:50	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/12/23 06:50	1
1,3-Butadiene	**0.14**	**J**	0.44	0.086	ug/m3			02/12/23 06:50	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/12/23 06:50	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/12/23 06:50	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/12/23 06:50	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			02/12/23 06:50	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			02/12/23 06:50	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/12/23 06:50	1
Acetone	**15**		12	3.8	ug/m3			02/12/23 06:50	1
Isopropyl alcohol	**24**		12	3.9	ug/m3			02/12/23 06:50	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/12/23 06:50	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/12/23 06:50	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/12/23 06:50	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/12/23 06:50	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/12/23 06:50	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/12/23 06:50	1
n-Hexane	**2.4**		1.8	0.39	ug/m3			02/12/23 06:50	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/12/23 06:50	1
Methyl Ethyl Ketone (2-Butanone)	**2.1**		1.5	1.4	ug/m3			02/12/23 06:50	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/12/23 06:50	1
Chloroform	**0.25**	**J**	0.98	0.20	ug/m3			02/12/23 06:50	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/12/23 06:50	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/12/23 06:50	1
Cyclohexane	**0.44**	**J**	0.69	0.20	ug/m3			02/12/23 06:50	1
Carbon tetrachloride	**0.30**		0.22	0.14	ug/m3			02/12/23 06:50	1
2,2,4-Trimethylpentane	**0.56**	**J**	0.93	0.18	ug/m3			02/12/23 06:50	1

Client Sample ID: IA-5

Date Collected: 01/28/23 17:39
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-10

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.94**		0.64	0.14	ug/m3			02/12/23 06:50	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/12/23 06:50	1
n-Heptane	**1.1**		0.82	0.23	ug/m3			02/12/23 06:50	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/12/23 06:50	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/12/23 06:50	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/12/23 06:50	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/12/23 06:50	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/12/23 06:50	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/12/23 06:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/12/23 06:50	1
Toluene	**2.2**		0.75	0.16	ug/m3			02/12/23 06:50	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/12/23 06:50	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/12/23 06:50	1
Tetrachloroethene	**0.25**	**J**	1.4	0.14	ug/m3			02/12/23 06:50	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/12/23 06:50	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/12/23 06:50	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/12/23 06:50	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/12/23 06:50	1
Ethylbenzene	**0.63**	**J B**	0.87	0.23	ug/m3			02/12/23 06:50	1
m,p-Xylene	**1.4**	**J**	2.2	0.41	ug/m3			02/12/23 06:50	1
o-Xylene	**0.71**	**J**	0.87	0.23	ug/m3			02/12/23 06:50	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/12/23 06:50	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/12/23 06:50	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/12/23 06:50	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/12/23 06:50	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/12/23 06:50	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/12/23 06:50	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/12/23 06:50	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/12/23 06:50	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/12/23 06:50	1
1,2,4-Trimethylbenzene	**0.72**	**J**	0.98	0.39	ug/m3			02/12/23 06:50	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/12/23 06:50	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/12/23 06:50	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/12/23 06:50	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/12/23 06:50	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/12/23 06:50	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/12/23 06:50	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/12/23 06:50	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/12/23 06:50	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/12/23 06:50	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/12/23 06:50	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			02/12/23 06:50	1
Chlorodifluoromethane	**3.5**		0.50	0.12	ppb v/v			02/12/23 06:50	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/12/23 06:50	1
Chloromethane	**0.47**	**J**	0.50	0.15	ppb v/v			02/12/23 06:50	1
n-Butane	**2.2**		0.50	0.20	ppb v/v			02/12/23 06:50	1

Client Sample ID: IA-5

Lab Sample ID: 200-66741-10

Date Collected: 01/28/23 17:39
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/12/23 06:50	1
1,3-Butadiene	**0.063**	**J**	0.20	0.039	ppb v/v			02/12/23 06:50	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/12/23 06:50	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/12/23 06:50	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/12/23 06:50	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			02/12/23 06:50	1
1,1,2-Trichlorotrifluoroethane	**0.057**	**J**	0.20	0.053	ppb v/v			02/12/23 06:50	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/12/23 06:50	1
Acetone	**6.3**		5.0	1.6	ppb v/v			02/12/23 06:50	1
Isopropyl alcohol	**9.7**		5.0	1.6	ppb v/v			02/12/23 06:50	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/12/23 06:50	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/12/23 06:50	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/12/23 06:50	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/12/23 06:50	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/12/23 06:50	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/12/23 06:50	1
n-Hexane	**0.68**		0.50	0.11	ppb v/v			02/12/23 06:50	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/12/23 06:50	1
Methyl Ethyl Ketone (2-Butanone)	**0.71**		0.50	0.49	ppb v/v			02/12/23 06:50	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/12/23 06:50	1
Chloroform	**0.052**	**J**	0.20	0.041	ppb v/v			02/12/23 06:50	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/12/23 06:50	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/12/23 06:50	1
Cyclohexane	**0.13**	**J**	0.20	0.058	ppb v/v			02/12/23 06:50	1
Carbon tetrachloride	**0.047**		0.035	0.022	ppb v/v			02/12/23 06:50	1
2,2,4-Trimethylpentane	**0.12**	**J**	0.20	0.038	ppb v/v			02/12/23 06:50	1
Benzene	**0.30**		0.20	0.044	ppb v/v			02/12/23 06:50	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/12/23 06:50	1
n-Heptane	**0.27**		0.20	0.055	ppb v/v			02/12/23 06:50	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/12/23 06:50	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/12/23 06:50	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/12/23 06:50	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/12/23 06:50	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/12/23 06:50	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/12/23 06:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/12/23 06:50	1
Toluene	**0.57**		0.20	0.042	ppb v/v			02/12/23 06:50	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/12/23 06:50	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/12/23 06:50	1
Tetrachloroethene	**0.038**	**J**	0.20	0.021	ppb v/v			02/12/23 06:50	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/12/23 06:50	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/12/23 06:50	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/12/23 06:50	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/12/23 06:50	1
Ethylbenzene	**0.15**	**J B**	0.20	0.052	ppb v/v			02/12/23 06:50	1
m,p-Xylene	**0.32**	**J**	0.50	0.095	ppb v/v			02/12/23 06:50	1
o-Xylene	**0.16**	**J**	0.20	0.052	ppb v/v			02/12/23 06:50	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/12/23 06:50	1

Client Sample ID: IA-5

Lab Sample ID: 200-66741-10

Date Collected: 01/28/23 17:39
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/12/23 06:50	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/12/23 06:50	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/12/23 06:50	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 06:50	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/12/23 06:50	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 06:50	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/12/23 06:50	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 06:50	1
1,2,4-Trimethylbenzene	**0.15**	**J**	0.20	0.080	ppb v/v			02/12/23 06:50	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/12/23 06:50	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/12/23 06:50	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/12/23 06:50	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/12/23 06:50	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/12/23 06:50	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/12/23 06:50	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/12/23 06:50	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/12/23 06:50	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/12/23 06:50	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/12/23 06:50	1

Client Sample ID: EW-5D

Lab Sample ID: 200-66741-11

Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/12/23 07:43	1
Chlorodifluoromethane	**20**		1.8	0.42	ug/m3			02/12/23 07:43	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/12/23 07:43	1
Chloromethane	**0.60**	**J**	1.0	0.31	ug/m3			02/12/23 07:43	1
n-Butane	**2.4**		1.2	0.48	ug/m3			02/12/23 07:43	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/12/23 07:43	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/12/23 07:43	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/12/23 07:43	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/12/23 07:43	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/12/23 07:43	1
Trichlorofluoromethane	**1.4**		1.1	0.28	ug/m3			02/12/23 07:43	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			02/12/23 07:43	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/12/23 07:43	1
Acetone	**21**		12	3.8	ug/m3			02/12/23 07:43	1
Isopropyl alcohol	**300**	**E**	12	3.9	ug/m3			02/12/23 07:43	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/12/23 07:43	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/12/23 07:43	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/12/23 07:43	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/12/23 07:43	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/12/23 07:43	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/12/23 07:43	1
n-Hexane	**7.2**		1.8	0.39	ug/m3			02/12/23 07:43	1

Client Sample ID: EW-5D

Date Collected: 01/28/23 18:37
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-11

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/12/23 07:43	1
Methyl Ethyl Ketone (2-Butanone)	**4.8**		1.5	1.4	ug/m3			02/12/23 07:43	1
cis-1,2-Dichloroethene	**0.57**		0.20	0.083	ug/m3			02/12/23 07:43	1
Chloroform	**0.44**	**J**	0.98	0.20	ug/m3			02/12/23 07:43	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/12/23 07:43	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/12/23 07:43	1
Cyclohexane	**2.1**		0.69	0.20	ug/m3			02/12/23 07:43	1
Carbon tetrachloride	**0.43**		0.22	0.14	ug/m3			02/12/23 07:43	1
2,2,4-Trimethylpentane	**0.61**	**J**	0.93	0.18	ug/m3			02/12/23 07:43	1
Benzene	**1.1**		0.64	0.14	ug/m3			02/12/23 07:43	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/12/23 07:43	1
n-Heptane	**7.5**		0.82	0.23	ug/m3			02/12/23 07:43	1
Trichloroethene	**8.4**		0.19	0.13	ug/m3			02/12/23 07:43	1
Methyl methacrylate	**1.2**	**J**	2.0	0.57	ug/m3			02/12/23 07:43	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/12/23 07:43	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/12/23 07:43	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/12/23 07:43	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/12/23 07:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.59**	**J**	2.0	0.53	ug/m3			02/12/23 07:43	1
Toluene	**10**		0.75	0.16	ug/m3			02/12/23 07:43	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/12/23 07:43	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/12/23 07:43	1
Tetrachloroethene	**0.58**	**J**	1.4	0.14	ug/m3			02/12/23 07:43	1
Methyl Butyl Ketone (2-Hexanone)	**0.81**	**J**	2.0	0.61	ug/m3			02/12/23 07:43	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/12/23 07:43	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/12/23 07:43	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/12/23 07:43	1
Ethylbenzene	**4.5**		0.87	0.23	ug/m3			02/12/23 07:43	1
m,p-Xylene	**15**		2.2	0.41	ug/m3			02/12/23 07:43	1
o-Xylene	**5.2**		0.87	0.23	ug/m3			02/12/23 07:43	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/12/23 07:43	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/12/23 07:43	1
Cumene	**0.38**	**J**	0.98	0.20	ug/m3			02/12/23 07:43	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/12/23 07:43	1
n-Propylbenzene	**0.78**	**J**	0.98	0.23	ug/m3			02/12/23 07:43	1
4-Ethyltoluene	**1.3**		0.98	0.24	ug/m3			02/12/23 07:43	1
1,3,5-Trimethylbenzene	**1.2**		0.98	0.23	ug/m3			02/12/23 07:43	1
2-Chlorotoluene	**0.47**	**J**	1.0	0.24	ug/m3			02/12/23 07:43	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/12/23 07:43	1
1,2,4-Trimethylbenzene	**4.8**		0.98	0.39	ug/m3			02/12/23 07:43	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/12/23 07:43	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/12/23 07:43	1
1,3-Dichlorobenzene	**3.9**		1.2	0.44	ug/m3			02/12/23 07:43	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/12/23 07:43	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/12/23 07:43	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/12/23 07:43	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/12/23 07:43	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/12/23 07:43	1

Client Sample ID: EW-5D

Lab Sample ID: 200-66741-11

Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/12/23 07:43	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/12/23 07:43	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/12/23 07:43	1
Chlorodifluoromethane	**5.8**		0.50	0.12	ppb v/v			02/12/23 07:43	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/12/23 07:43	1
Chloromethane	**0.29**	**J**	0.50	0.15	ppb v/v			02/12/23 07:43	1
n-Butane	**0.99**		0.50	0.20	ppb v/v			02/12/23 07:43	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/12/23 07:43	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/12/23 07:43	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/12/23 07:43	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/12/23 07:43	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/12/23 07:43	1
Trichlorofluoromethane	**0.24**		0.20	0.050	ppb v/v			02/12/23 07:43	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			02/12/23 07:43	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/12/23 07:43	1
Acetone	**8.8**		5.0	1.6	ppb v/v			02/12/23 07:43	1
Isopropyl alcohol	**120**	**E**	5.0	1.6	ppb v/v			02/12/23 07:43	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/12/23 07:43	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/12/23 07:43	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/12/23 07:43	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/12/23 07:43	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/12/23 07:43	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/12/23 07:43	1
n-Hexane	**2.1**		0.50	0.11	ppb v/v			02/12/23 07:43	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/12/23 07:43	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		0.50	0.49	ppb v/v			02/12/23 07:43	1
cis-1,2-Dichloroethene	**0.14**		0.050	0.021	ppb v/v			02/12/23 07:43	1
Chloroform	**0.090**	**J**	0.20	0.041	ppb v/v			02/12/23 07:43	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/12/23 07:43	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/12/23 07:43	1
Cyclohexane	**0.60**		0.20	0.058	ppb v/v			02/12/23 07:43	1
Carbon tetrachloride	**0.069**		0.035	0.022	ppb v/v			02/12/23 07:43	1
2,2,4-Trimethylpentane	**0.13**	**J**	0.20	0.038	ppb v/v			02/12/23 07:43	1
Benzene	**0.33**		0.20	0.044	ppb v/v			02/12/23 07:43	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/12/23 07:43	1
n-Heptane	**1.8**		0.20	0.055	ppb v/v			02/12/23 07:43	1
Trichloroethene	**1.6**		0.035	0.025	ppb v/v			02/12/23 07:43	1
Methyl methacrylate	**0.28**	**J**	0.50	0.14	ppb v/v			02/12/23 07:43	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/12/23 07:43	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/12/23 07:43	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/12/23 07:43	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/12/23 07:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.14**	**J**	0.50	0.13	ppb v/v			02/12/23 07:43	1
Toluene	**2.7**		0.20	0.042	ppb v/v			02/12/23 07:43	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/12/23 07:43	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/12/23 07:43	1

Client Sample ID: EW-5D

Lab Sample ID: 200-66741-11

Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.086**	**J**	0.20	0.021	ppb v/v			02/12/23 07:43	1
Methyl Butyl Ketone (2-Hexanone)	**0.20**	**J**	0.50	0.15	ppb v/v			02/12/23 07:43	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/12/23 07:43	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/12/23 07:43	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/12/23 07:43	1
Ethylbenzene	**1.0**		0.20	0.052	ppb v/v			02/12/23 07:43	1
m,p-Xylene	**3.4**		0.50	0.095	ppb v/v			02/12/23 07:43	1
o-Xylene	**1.2**		0.20	0.052	ppb v/v			02/12/23 07:43	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/12/23 07:43	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/12/23 07:43	1
Cumene	**0.077**	**J**	0.20	0.041	ppb v/v			02/12/23 07:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/12/23 07:43	1
n-Propylbenzene	**0.16**	**J**	0.20	0.047	ppb v/v			02/12/23 07:43	1
4-Ethyltoluene	**0.27**		0.20	0.049	ppb v/v			02/12/23 07:43	1
1,3,5-Trimethylbenzene	**0.25**		0.20	0.047	ppb v/v			02/12/23 07:43	1
2-Chlorotoluene	**0.091**	**J**	0.20	0.046	ppb v/v			02/12/23 07:43	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 07:43	1
1,2,4-Trimethylbenzene	**0.98**		0.20	0.080	ppb v/v			02/12/23 07:43	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/12/23 07:43	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/12/23 07:43	1
1,3-Dichlorobenzene	**0.65**		0.20	0.074	ppb v/v			02/12/23 07:43	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/12/23 07:43	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/12/23 07:43	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/12/23 07:43	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/12/23 07:43	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/12/23 07:43	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/12/23 07:43	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/12/23 07:43	1

Client Sample ID: IA-5D

Lab Sample ID: 200-66741-12

Date Collected: 01/28/23 17:08
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/12/23 08:35	1
Chlorodifluoromethane	**15**		1.8	0.42	ug/m3			02/12/23 08:35	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/12/23 08:35	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			02/12/23 08:35	1
n-Butane	**4.1**		1.2	0.48	ug/m3			02/12/23 08:35	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/12/23 08:35	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/12/23 08:35	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/12/23 08:35	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/12/23 08:35	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/12/23 08:35	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			02/12/23 08:35	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			02/12/23 08:35	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/12/23 08:35	1

Client Sample ID: IA-5D

Lab Sample ID: 200-66741-12

Date Collected: 01/28/23 17:08
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**11**	**J**	12	3.8	ug/m3			02/12/23 08:35	1
Isopropyl alcohol	**17**		12	3.9	ug/m3			02/12/23 08:35	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/12/23 08:35	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/12/23 08:35	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/12/23 08:35	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/12/23 08:35	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/12/23 08:35	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/12/23 08:35	1
n-Hexane	**1.1**	**J**	1.8	0.39	ug/m3			02/12/23 08:35	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/12/23 08:35	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			02/12/23 08:35	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/12/23 08:35	1
Chloroform	**0.28**	**J**	0.98	0.20	ug/m3			02/12/23 08:35	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/12/23 08:35	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/12/23 08:35	1
Cyclohexane	**0.37**	**J**	0.69	0.20	ug/m3			02/12/23 08:35	1
Carbon tetrachloride	**0.30**		0.22	0.14	ug/m3			02/12/23 08:35	1
2,2,4-Trimethylpentane	**0.56**	**J**	0.93	0.18	ug/m3			02/12/23 08:35	1
Benzene	**0.66**		0.64	0.14	ug/m3			02/12/23 08:35	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/12/23 08:35	1
n-Heptane	**0.93**		0.82	0.23	ug/m3			02/12/23 08:35	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/12/23 08:35	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/12/23 08:35	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/12/23 08:35	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/12/23 08:35	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/12/23 08:35	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/12/23 08:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/12/23 08:35	1
Toluene	**1.7**	**B**	0.75	0.16	ug/m3			02/12/23 08:35	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/12/23 08:35	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/12/23 08:35	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/12/23 08:35	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/12/23 08:35	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/12/23 08:35	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/12/23 08:35	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/12/23 08:35	1
Ethylbenzene	**0.58**	**J B**	0.87	0.23	ug/m3			02/12/23 08:35	1
m,p-Xylene	**0.87**	**J**	2.2	0.41	ug/m3			02/12/23 08:35	1
o-Xylene	**0.69**	**J**	0.87	0.23	ug/m3			02/12/23 08:35	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/12/23 08:35	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/12/23 08:35	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/12/23 08:35	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/12/23 08:35	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/12/23 08:35	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/12/23 08:35	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/12/23 08:35	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/12/23 08:35	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/12/23 08:35	1

Client Sample ID: IA-5D

Lab Sample ID: 200-66741-12

Date Collected: 01/28/23 17:08
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**0.79**	**J**	0.98	0.39	ug/m3			02/12/23 08:35	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/12/23 08:35	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/12/23 08:35	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/12/23 08:35	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/12/23 08:35	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/12/23 08:35	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/12/23 08:35	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/12/23 08:35	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/12/23 08:35	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/12/23 08:35	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/12/23 08:35	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			02/12/23 08:35	1
Chlorodifluoromethane	**4.2**		0.50	0.12	ppb v/v			02/12/23 08:35	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/12/23 08:35	1
Chloromethane	**0.57**		0.50	0.15	ppb v/v			02/12/23 08:35	1
n-Butane	**1.7**		0.50	0.20	ppb v/v			02/12/23 08:35	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/12/23 08:35	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/12/23 08:35	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/12/23 08:35	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/12/23 08:35	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/12/23 08:35	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			02/12/23 08:35	1
1,1,2-Trichlorotrifluoroethane	**0.059**	**J**	0.20	0.053	ppb v/v			02/12/23 08:35	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/12/23 08:35	1
Acetone	**4.5**	**J**	5.0	1.6	ppb v/v			02/12/23 08:35	1
Isopropyl alcohol	**6.8**		5.0	1.6	ppb v/v			02/12/23 08:35	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/12/23 08:35	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/12/23 08:35	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/12/23 08:35	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/12/23 08:35	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/12/23 08:35	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/12/23 08:35	1
n-Hexane	**0.33**	**J**	0.50	0.11	ppb v/v			02/12/23 08:35	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/12/23 08:35	1
Methyl Ethyl Ketone (2-Butanone)	**0.50**		0.50	0.49	ppb v/v			02/12/23 08:35	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/12/23 08:35	1
Chloroform	**0.058**	**J**	0.20	0.041	ppb v/v			02/12/23 08:35	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/12/23 08:35	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/12/23 08:35	1
Cyclohexane	**0.11**	**J**	0.20	0.058	ppb v/v			02/12/23 08:35	1
Carbon tetrachloride	**0.048**		0.035	0.022	ppb v/v			02/12/23 08:35	1
2,2,4-Trimethylpentane	**0.12**	**J**	0.20	0.038	ppb v/v			02/12/23 08:35	1
Benzene	**0.21**		0.20	0.044	ppb v/v			02/12/23 08:35	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/12/23 08:35	1
n-Heptane	**0.23**		0.20	0.055	ppb v/v			02/12/23 08:35	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/12/23 08:35	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/12/23 08:35	1

Client Sample ID: IA-5D

Lab Sample ID: 200-66741-12

Date Collected: 01/28/23 17:08
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/12/23 08:35	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/12/23 08:35	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/12/23 08:35	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/12/23 08:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/12/23 08:35	1
Toluene	**0.46**	**B**	0.20	0.042	ppb v/v			02/12/23 08:35	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/12/23 08:35	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/12/23 08:35	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/12/23 08:35	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/12/23 08:35	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/12/23 08:35	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/12/23 08:35	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/12/23 08:35	1
Ethylbenzene	**0.13**	**J B**	0.20	0.052	ppb v/v			02/12/23 08:35	1
m,p-Xylene	**0.20**	**J**	0.50	0.095	ppb v/v			02/12/23 08:35	1
o-Xylene	**0.16**	**J**	0.20	0.052	ppb v/v			02/12/23 08:35	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/12/23 08:35	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/12/23 08:35	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/12/23 08:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/12/23 08:35	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 08:35	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/12/23 08:35	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 08:35	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/12/23 08:35	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/12/23 08:35	1
1,2,4-Trimethylbenzene	**0.16**	**J**	0.20	0.080	ppb v/v			02/12/23 08:35	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/12/23 08:35	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/12/23 08:35	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/12/23 08:35	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/12/23 08:35	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/12/23 08:35	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/12/23 08:35	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/12/23 08:35	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/12/23 08:35	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/12/23 08:35	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/12/23 08:35	1

Client Sample ID: EW-6

Lab Sample ID: 200-66741-13

Date Collected: 01/28/23 18:33
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/14/23 20:32	1
Chlorodifluoromethane	**2.7**		1.8	0.42	ug/m3			02/14/23 20:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/14/23 20:32	1
Chloromethane	**0.88**	**J**	1.0	0.31	ug/m3			02/14/23 20:32	1

Client Sample ID: EW-6

Lab Sample ID: 200-66741-13

Date Collected: 01/28/23 18:33
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**12**		1.2	0.48	ug/m3			02/14/23 20:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/14/23 20:32	1
1,3-Butadiene	**0.27**	**J**	0.44	0.086	ug/m3			02/14/23 20:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/14/23 20:32	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/14/23 20:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/14/23 20:32	1
Trichlorofluoromethane	**2.2**		1.1	0.28	ug/m3			02/14/23 20:32	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			02/14/23 20:32	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/14/23 20:32	1
Acetone	**22**		12	3.8	ug/m3			02/14/23 20:32	1
Isopropyl alcohol	**290**	**E**	12	3.9	ug/m3			02/14/23 20:32	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/14/23 20:32	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/14/23 20:32	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/14/23 20:32	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/14/23 20:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/14/23 20:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/14/23 20:32	1
n-Hexane	**8.7**		1.8	0.39	ug/m3			02/14/23 20:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/14/23 20:32	1
Methyl Ethyl Ketone (2-Butanone)	**2.7**		1.5	1.4	ug/m3			02/14/23 20:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/14/23 20:32	1
Chloroform	**0.30**	**J**	0.98	0.20	ug/m3			02/14/23 20:32	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/14/23 20:32	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/14/23 20:32	1
Cyclohexane	**0.95**		0.69	0.20	ug/m3			02/14/23 20:32	1
Carbon tetrachloride	**0.62**		0.22	0.14	ug/m3			02/14/23 20:32	1
2,2,4-Trimethylpentane	**1.3**		0.93	0.18	ug/m3			02/14/23 20:32	1
Benzene	**2.1**		0.64	0.14	ug/m3			02/14/23 20:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/14/23 20:32	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/14/23 20:32	1
Trichloroethene	**1.3**		0.19	0.13	ug/m3			02/14/23 20:32	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/14/23 20:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/14/23 20:32	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/14/23 20:32	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/14/23 20:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/14/23 20:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/14/23 20:32	1
Toluene	**6.9**		0.75	0.16	ug/m3			02/14/23 20:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/14/23 20:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/14/23 20:32	1
Tetrachloroethene	**0.35**	**J**	1.4	0.14	ug/m3			02/14/23 20:32	1
Methyl Butyl Ketone (2-Hexanone)	**1.1**	**J**	2.0	0.61	ug/m3			02/14/23 20:32	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/14/23 20:32	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/14/23 20:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/14/23 20:32	1
Ethylbenzene	**41**		0.87	0.23	ug/m3			02/14/23 20:32	1
m,p-Xylene	**160**		2.2	0.41	ug/m3			02/14/23 20:32	1
o-Xylene	**40**		0.87	0.23	ug/m3			02/14/23 20:32	1

Client Sample ID: EW-6

Date Collected: 01/28/23 18:33
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-13

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85	0.25	ug/m3			02/14/23 20:32	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/14/23 20:32	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/14/23 20:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/14/23 20:32	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 20:32	1
4-Ethyltoluene	**0.70**	**J**	0.98	0.24	ug/m3			02/14/23 20:32	1
1,3,5-Trimethylbenzene	**1.7**		0.98	0.23	ug/m3			02/14/23 20:32	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/14/23 20:32	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/14/23 20:32	1
1,2,4-Trimethylbenzene	**3.5**		0.98	0.39	ug/m3			02/14/23 20:32	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/14/23 20:32	1
4-Isopropyltoluene	**1.4**		1.1	0.33	ug/m3			02/14/23 20:32	1
1,3-Dichlorobenzene	**3.4**		1.2	0.44	ug/m3			02/14/23 20:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/14/23 20:32	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/14/23 20:32	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/14/23 20:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/14/23 20:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/14/23 20:32	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/14/23 20:32	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/14/23 20:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/14/23 20:32	1
Chlorodifluoromethane	**0.77**		0.50	0.12	ppb v/v			02/14/23 20:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/14/23 20:32	1
Chloromethane	**0.43**	**J**	0.50	0.15	ppb v/v			02/14/23 20:32	1
n-Butane	**4.9**		0.50	0.20	ppb v/v			02/14/23 20:32	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/14/23 20:32	1
1,3-Butadiene	**0.12**	**J**	0.20	0.039	ppb v/v			02/14/23 20:32	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/14/23 20:32	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/14/23 20:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/14/23 20:32	1
Trichlorofluoromethane	**0.39**		0.20	0.050	ppb v/v			02/14/23 20:32	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			02/14/23 20:32	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/14/23 20:32	1
Acetone	**9.4**		5.0	1.6	ppb v/v			02/14/23 20:32	1
Isopropyl alcohol	**120**	**E**	5.0	1.6	ppb v/v			02/14/23 20:32	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/14/23 20:32	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/14/23 20:32	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/14/23 20:32	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/14/23 20:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/14/23 20:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/14/23 20:32	1
n-Hexane	**2.5**		0.50	0.11	ppb v/v			02/14/23 20:32	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/14/23 20:32	1
Methyl Ethyl Ketone (2-Butanone)	**0.91**		0.50	0.49	ppb v/v			02/14/23 20:32	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/14/23 20:32	1
Chloroform	**0.062**	**J**	0.20	0.041	ppb v/v			02/14/23 20:32	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/14/23 20:32	1

Client Sample ID: EW-6

Lab Sample ID: 200-66741-13

Date Collected: 01/28/23 18:33
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/14/23 20:32	1
Cyclohexane	**0.28**		0.20	0.058	ppb v/v			02/14/23 20:32	1
Carbon tetrachloride	**0.098**		0.035	0.022	ppb v/v			02/14/23 20:32	1
2,2,4-Trimethylpentane	**0.28**		0.20	0.038	ppb v/v			02/14/23 20:32	1
Benzene	**0.67**		0.20	0.044	ppb v/v			02/14/23 20:32	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/14/23 20:32	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/14/23 20:32	1
Trichloroethene	**0.25**		0.035	0.025	ppb v/v			02/14/23 20:32	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/14/23 20:32	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/14/23 20:32	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/14/23 20:32	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 20:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/14/23 20:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/14/23 20:32	1
Toluene	**1.8**		0.20	0.042	ppb v/v			02/14/23 20:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/14/23 20:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/14/23 20:32	1
Tetrachloroethene	**0.052**	**J**	0.20	0.021	ppb v/v			02/14/23 20:32	1
Methyl Butyl Ketone (2-Hexanone)	**0.26**	**J**	0.50	0.15	ppb v/v			02/14/23 20:32	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/14/23 20:32	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/14/23 20:32	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 20:32	1
Ethylbenzene	**9.5**		0.20	0.052	ppb v/v			02/14/23 20:32	1
m,p-Xylene	**38**		0.50	0.095	ppb v/v			02/14/23 20:32	1
o-Xylene	**9.2**		0.20	0.052	ppb v/v			02/14/23 20:32	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/14/23 20:32	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/14/23 20:32	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/14/23 20:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/14/23 20:32	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 20:32	1
4-Ethyltoluene	**0.14**	**J**	0.20	0.049	ppb v/v			02/14/23 20:32	1
1,3,5-Trimethylbenzene	**0.35**		0.20	0.047	ppb v/v			02/14/23 20:32	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/14/23 20:32	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 20:32	1
1,2,4-Trimethylbenzene	**0.72**		0.20	0.080	ppb v/v			02/14/23 20:32	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/14/23 20:32	1
4-Isopropyltoluene	**0.26**		0.20	0.061	ppb v/v			02/14/23 20:32	1
1,3-Dichlorobenzene	**0.56**		0.20	0.074	ppb v/v			02/14/23 20:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/14/23 20:32	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/14/23 20:32	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/14/23 20:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/14/23 20:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/14/23 20:32	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/14/23 20:32	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/14/23 20:32	1

Client Sample ID: IA-6

Lab Sample ID: 200-66741-14

Date Collected: 01/28/23 18:00
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/14/23 21:29	1
Chlorodifluoromethane	**2.2**		1.8	0.42	ug/m3			02/14/23 21:29	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/14/23 21:29	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/14/23 21:29	1
n-Butane	**13**		1.2	0.48	ug/m3			02/14/23 21:29	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/14/23 21:29	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/14/23 21:29	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/14/23 21:29	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/14/23 21:29	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/14/23 21:29	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			02/14/23 21:29	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/14/23 21:29	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/14/23 21:29	1
Acetone	**11**	**J**	12	3.8	ug/m3			02/14/23 21:29	1
Isopropyl alcohol	**4.5**	**J**	12	3.9	ug/m3			02/14/23 21:29	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/14/23 21:29	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/14/23 21:29	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/14/23 21:29	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/14/23 21:29	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/14/23 21:29	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/14/23 21:29	1
n-Hexane	**2.1**		1.8	0.39	ug/m3			02/14/23 21:29	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/14/23 21:29	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/14/23 21:29	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/14/23 21:29	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/14/23 21:29	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/14/23 21:29	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/14/23 21:29	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/14/23 21:29	1
Carbon tetrachloride	**0.32**		0.22	0.14	ug/m3			02/14/23 21:29	1
2,2,4-Trimethylpentane	**1.7**		0.93	0.18	ug/m3			02/14/23 21:29	1
Benzene	**0.90**		0.64	0.14	ug/m3			02/14/23 21:29	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/14/23 21:29	1
n-Heptane	**1.6**		0.82	0.23	ug/m3			02/14/23 21:29	1
Trichloroethene	**0.37**		0.19	0.13	ug/m3			02/14/23 21:29	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/14/23 21:29	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/14/23 21:29	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/14/23 21:29	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/14/23 21:29	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/14/23 21:29	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/14/23 21:29	1
Toluene	**5.6**		0.75	0.16	ug/m3			02/14/23 21:29	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/14/23 21:29	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/14/23 21:29	1
Tetrachloroethene	**0.42**	**J**	1.4	0.14	ug/m3			02/14/23 21:29	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/14/23 21:29	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/14/23 21:29	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/14/23 21:29	1

Client Sample ID: IA-6

Lab Sample ID: 200-66741-14

Date Collected: 01/28/23 18:00
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/14/23 21:29	1
Ethylbenzene	**1.1**		0.87	0.23	ug/m3			02/14/23 21:29	1
m,p-Xylene	**3.5**		2.2	0.41	ug/m3			02/14/23 21:29	1
o-Xylene	**1.1**		0.87	0.23	ug/m3			02/14/23 21:29	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/14/23 21:29	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/14/23 21:29	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/14/23 21:29	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/14/23 21:29	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 21:29	1
4-Ethyltoluene	**0.25**	**J**	0.98	0.24	ug/m3			02/14/23 21:29	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 21:29	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/14/23 21:29	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/14/23 21:29	1
1,2,4-Trimethylbenzene	**0.80**	**J**	0.98	0.39	ug/m3			02/14/23 21:29	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/14/23 21:29	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/14/23 21:29	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/14/23 21:29	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/14/23 21:29	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/14/23 21:29	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/14/23 21:29	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/14/23 21:29	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/14/23 21:29	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/14/23 21:29	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/14/23 21:29	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			02/14/23 21:29	1
Chlorodifluoromethane	**0.63**		0.50	0.12	ppb v/v			02/14/23 21:29	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/14/23 21:29	1
Chloromethane	**0.52**		0.50	0.15	ppb v/v			02/14/23 21:29	1
n-Butane	**5.4**		0.50	0.20	ppb v/v			02/14/23 21:29	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/14/23 21:29	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/14/23 21:29	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/14/23 21:29	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/14/23 21:29	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/14/23 21:29	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			02/14/23 21:29	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/14/23 21:29	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/14/23 21:29	1
Acetone	**4.8**	**J**	5.0	1.6	ppb v/v			02/14/23 21:29	1
Isopropyl alcohol	**1.8**	**J**	5.0	1.6	ppb v/v			02/14/23 21:29	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/14/23 21:29	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/14/23 21:29	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/14/23 21:29	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/14/23 21:29	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/14/23 21:29	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/14/23 21:29	1
n-Hexane	**0.61**		0.50	0.11	ppb v/v			02/14/23 21:29	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/14/23 21:29	1

Client Sample ID: IA-6

Lab Sample ID: 200-66741-14

Date Collected: 01/28/23 18:00
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/14/23 21:29	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/14/23 21:29	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/14/23 21:29	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/14/23 21:29	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/14/23 21:29	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/14/23 21:29	1
Carbon tetrachloride	**0.050**		0.035	0.022	ppb v/v			02/14/23 21:29	1
2,2,4-Trimethylpentane	**0.36**		0.20	0.038	ppb v/v			02/14/23 21:29	1
Benzene	**0.28**		0.20	0.044	ppb v/v			02/14/23 21:29	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/14/23 21:29	1
n-Heptane	**0.40**		0.20	0.055	ppb v/v			02/14/23 21:29	1
Trichloroethene	**0.070**		0.035	0.025	ppb v/v			02/14/23 21:29	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/14/23 21:29	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/14/23 21:29	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/14/23 21:29	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 21:29	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/14/23 21:29	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/14/23 21:29	1
Toluene	**1.5**		0.20	0.042	ppb v/v			02/14/23 21:29	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/14/23 21:29	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/14/23 21:29	1
Tetrachloroethene	**0.062**	**J**	0.20	0.021	ppb v/v			02/14/23 21:29	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/14/23 21:29	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/14/23 21:29	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/14/23 21:29	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 21:29	1
Ethylbenzene	**0.25**		0.20	0.052	ppb v/v			02/14/23 21:29	1
m,p-Xylene	**0.80**		0.50	0.095	ppb v/v			02/14/23 21:29	1
o-Xylene	**0.25**		0.20	0.052	ppb v/v			02/14/23 21:29	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/14/23 21:29	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/14/23 21:29	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/14/23 21:29	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/14/23 21:29	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 21:29	1
4-Ethyltoluene	**0.051**	**J**	0.20	0.049	ppb v/v			02/14/23 21:29	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 21:29	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/14/23 21:29	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 21:29	1
1,2,4-Trimethylbenzene	**0.16**	**J**	0.20	0.080	ppb v/v			02/14/23 21:29	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/14/23 21:29	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/14/23 21:29	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/14/23 21:29	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/14/23 21:29	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/14/23 21:29	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/14/23 21:29	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/14/23 21:29	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/14/23 21:29	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/14/23 21:29	1

Client Sample ID: IA-6

Lab Sample ID: 200-66741-14

Date Collected: 01/28/23 18:00
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/14/23 21:29	1

Client Sample ID: EW-7

Lab Sample ID: 200-66741-15

Date Collected: 01/28/23 18:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.8**		2.5	0.54	ug/m3			02/14/23 22:28	1
Chlorodifluoromethane	**9.5**		1.8	0.42	ug/m3			02/14/23 22:28	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/14/23 22:28	1
Chloromethane	**0.77**	**J**	1.0	0.31	ug/m3			02/14/23 22:28	1
n-Butane	**2.5**		1.2	0.48	ug/m3			02/14/23 22:28	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/14/23 22:28	1
1,3-Butadiene	**0.086**	**J**	0.44	0.086	ug/m3			02/14/23 22:28	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/14/23 22:28	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/14/23 22:28	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/14/23 22:28	1
Trichlorofluoromethane	**4.4**		1.1	0.28	ug/m3			02/14/23 22:28	1
1,1,2-Trichlorotrifluoroethane	**0.43**	**J**	1.5	0.41	ug/m3			02/14/23 22:28	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/14/23 22:28	1
Acetone	**38**		12	3.8	ug/m3			02/14/23 22:28	1
Isopropyl alcohol	**380**	**E**	12	3.9	ug/m3			02/14/23 22:28	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/14/23 22:28	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/14/23 22:28	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/14/23 22:28	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/14/23 22:28	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/14/23 22:28	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/14/23 22:28	1
n-Hexane	**3.2**		1.8	0.39	ug/m3			02/14/23 22:28	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/14/23 22:28	1
Methyl Ethyl Ketone (2-Butanone)	**4.3**		1.5	1.4	ug/m3			02/14/23 22:28	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/14/23 22:28	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/14/23 22:28	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/14/23 22:28	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/14/23 22:28	1
Cyclohexane	**0.29**	**J**	0.69	0.20	ug/m3			02/14/23 22:28	1
Carbon tetrachloride	**0.44**		0.22	0.14	ug/m3			02/14/23 22:28	1
2,2,4-Trimethylpentane	**0.40**	**J**	0.93	0.18	ug/m3			02/14/23 22:28	1
Benzene	**1.1**		0.64	0.14	ug/m3			02/14/23 22:28	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/14/23 22:28	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/14/23 22:28	1
Trichloroethene	**0.76**		0.19	0.13	ug/m3			02/14/23 22:28	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/14/23 22:28	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/14/23 22:28	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/14/23 22:28	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/14/23 22:28	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/14/23 22:28	1

Client Sample ID: EW-7

Lab Sample ID: 200-66741-15

Date Collected: 01/28/23 18:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.55**	**J**	2.0	0.53	ug/m3			02/14/23 22:28	1
Toluene	**3.1**		0.75	0.16	ug/m3			02/14/23 22:28	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/14/23 22:28	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/14/23 22:28	1
Tetrachloroethene	**0.41**	**J**	1.4	0.14	ug/m3			02/14/23 22:28	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/14/23 22:28	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/14/23 22:28	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/14/23 22:28	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/14/23 22:28	1
Ethylbenzene	**0.59**	**J**	0.87	0.23	ug/m3			02/14/23 22:28	1
m,p-Xylene	**2.1**	**J**	2.2	0.41	ug/m3			02/14/23 22:28	1
o-Xylene	**0.81**	**J**	0.87	0.23	ug/m3			02/14/23 22:28	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/14/23 22:28	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/14/23 22:28	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/14/23 22:28	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/14/23 22:28	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 22:28	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/14/23 22:28	1
1,3,5-Trimethylbenzene	**0.27**	**J**	0.98	0.23	ug/m3			02/14/23 22:28	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/14/23 22:28	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/14/23 22:28	1
1,2,4-Trimethylbenzene	**1.5**		0.98	0.39	ug/m3			02/14/23 22:28	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/14/23 22:28	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/14/23 22:28	1
1,3-Dichlorobenzene	**4.2**		1.2	0.44	ug/m3			02/14/23 22:28	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/14/23 22:28	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/14/23 22:28	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/14/23 22:28	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/14/23 22:28	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/14/23 22:28	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/14/23 22:28	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/14/23 22:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.78**		0.50	0.11	ppb v/v			02/14/23 22:28	1
Chlorodifluoromethane	**2.7**		0.50	0.12	ppb v/v			02/14/23 22:28	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/14/23 22:28	1
Chloromethane	**0.37**	**J**	0.50	0.15	ppb v/v			02/14/23 22:28	1
n-Butane	**1.0**		0.50	0.20	ppb v/v			02/14/23 22:28	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/14/23 22:28	1
1,3-Butadiene	**0.039**	**J**	0.20	0.039	ppb v/v			02/14/23 22:28	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/14/23 22:28	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/14/23 22:28	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/14/23 22:28	1
Trichlorofluoromethane	**0.78**		0.20	0.050	ppb v/v			02/14/23 22:28	1
1,1,2-Trichlorotrifluoroethane	**0.056**	**J**	0.20	0.053	ppb v/v			02/14/23 22:28	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/14/23 22:28	1
Acetone	**16**		5.0	1.6	ppb v/v			02/14/23 22:28	1

Client Sample ID: EW-7

Date Collected: 01/28/23 18:24
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-15

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**150**	**E**	5.0	1.6	ppb v/v			02/14/23 22:28	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/14/23 22:28	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/14/23 22:28	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/14/23 22:28	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/14/23 22:28	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/14/23 22:28	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/14/23 22:28	1
n-Hexane	**0.91**		0.50	0.11	ppb v/v			02/14/23 22:28	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/14/23 22:28	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		0.50	0.49	ppb v/v			02/14/23 22:28	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/14/23 22:28	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/14/23 22:28	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/14/23 22:28	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/14/23 22:28	1
Cyclohexane	**0.085**	**J**	0.20	0.058	ppb v/v			02/14/23 22:28	1
Carbon tetrachloride	**0.070**		0.035	0.022	ppb v/v			02/14/23 22:28	1
2,2,4-Trimethylpentane	**0.085**	**J**	0.20	0.038	ppb v/v			02/14/23 22:28	1
Benzene	**0.35**		0.20	0.044	ppb v/v			02/14/23 22:28	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/14/23 22:28	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/14/23 22:28	1
Trichloroethene	**0.14**		0.035	0.025	ppb v/v			02/14/23 22:28	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/14/23 22:28	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/14/23 22:28	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/14/23 22:28	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 22:28	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/14/23 22:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.14**	**J**	0.50	0.13	ppb v/v			02/14/23 22:28	1
Toluene	**0.81**		0.20	0.042	ppb v/v			02/14/23 22:28	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/14/23 22:28	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/14/23 22:28	1
Tetrachloroethene	**0.060**	**J**	0.20	0.021	ppb v/v			02/14/23 22:28	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/14/23 22:28	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/14/23 22:28	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/14/23 22:28	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 22:28	1
Ethylbenzene	**0.13**	**J**	0.20	0.052	ppb v/v			02/14/23 22:28	1
m,p-Xylene	**0.49**	**J**	0.50	0.095	ppb v/v			02/14/23 22:28	1
o-Xylene	**0.19**	**J**	0.20	0.052	ppb v/v			02/14/23 22:28	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/14/23 22:28	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/14/23 22:28	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/14/23 22:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/14/23 22:28	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 22:28	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/14/23 22:28	1
1,3,5-Trimethylbenzene	**0.056**	**J**	0.20	0.047	ppb v/v			02/14/23 22:28	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/14/23 22:28	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 22:28	1
1,2,4-Trimethylbenzene	**0.30**		0.20	0.080	ppb v/v			02/14/23 22:28	1

Client Sample ID: EW-7

Lab Sample ID: 200-66741-15

Date Collected: 01/28/23 18:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/14/23 22:28	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/14/23 22:28	1
1,3-Dichlorobenzene	**0.69**		0.20	0.074	ppb v/v			02/14/23 22:28	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/14/23 22:28	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/14/23 22:28	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/14/23 22:28	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/14/23 22:28	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/14/23 22:28	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/14/23 22:28	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/14/23 22:28	1

Client Sample ID: IA-7

Lab Sample ID: 200-66741-16

Date Collected: 01/28/23 18:22
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/14/23 23:26	1
Chlorodifluoromethane	**2.3**		1.8	0.42	ug/m3			02/14/23 23:26	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/14/23 23:26	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/14/23 23:26	1
n-Butane	**4.1**		1.2	0.48	ug/m3			02/14/23 23:26	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/14/23 23:26	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/14/23 23:26	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/14/23 23:26	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/14/23 23:26	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/14/23 23:26	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			02/14/23 23:26	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			02/14/23 23:26	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/14/23 23:26	1
Acetone	**8.1**	**J**	12	3.8	ug/m3			02/14/23 23:26	1
Isopropyl alcohol	**9.5**	**J**	12	3.9	ug/m3			02/14/23 23:26	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/14/23 23:26	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/14/23 23:26	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/14/23 23:26	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/14/23 23:26	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/14/23 23:26	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/14/23 23:26	1
n-Hexane	**1.1**	**J**	1.8	0.39	ug/m3			02/14/23 23:26	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/14/23 23:26	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			02/14/23 23:26	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/14/23 23:26	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/14/23 23:26	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/14/23 23:26	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/14/23 23:26	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/14/23 23:26	1
Carbon tetrachloride	**0.19**	**J**	0.22	0.14	ug/m3			02/14/23 23:26	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/14/23 23:26	1

Client Sample ID: IA-7

Date Collected: 01/28/23 18:22
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-16

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.61**	**J**	0.64	0.14	ug/m3			02/14/23 23:26	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/14/23 23:26	1
n-Heptane	**0.47**	**J**	0.82	0.23	ug/m3			02/14/23 23:26	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/14/23 23:26	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/14/23 23:26	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/14/23 23:26	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/14/23 23:26	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/14/23 23:26	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/14/23 23:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/14/23 23:26	1
Toluene	**0.89**		0.75	0.16	ug/m3			02/14/23 23:26	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/14/23 23:26	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/14/23 23:26	1
Tetrachloroethene	**0.60**	**J**	1.4	0.14	ug/m3			02/14/23 23:26	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/14/23 23:26	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/14/23 23:26	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/14/23 23:26	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/14/23 23:26	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/14/23 23:26	1
m,p-Xylene	**0.43**	**J**	2.2	0.41	ug/m3			02/14/23 23:26	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/14/23 23:26	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/14/23 23:26	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/14/23 23:26	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/14/23 23:26	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/14/23 23:26	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 23:26	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/14/23 23:26	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 23:26	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/14/23 23:26	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/14/23 23:26	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/14/23 23:26	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/14/23 23:26	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/14/23 23:26	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/14/23 23:26	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/14/23 23:26	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/14/23 23:26	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/14/23 23:26	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/14/23 23:26	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/14/23 23:26	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/14/23 23:26	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/14/23 23:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**		0.50	0.11	ppb v/v			02/14/23 23:26	1
Chlorodifluoromethane	**0.66**		0.50	0.12	ppb v/v			02/14/23 23:26	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/14/23 23:26	1
Chloromethane	**0.55**		0.50	0.15	ppb v/v			02/14/23 23:26	1
n-Butane	**1.7**		0.50	0.20	ppb v/v			02/14/23 23:26	1

Client Sample ID: IA-7

Date Collected: 01/28/23 18:22
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-16

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/14/23 23:26	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/14/23 23:26	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/14/23 23:26	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/14/23 23:26	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/14/23 23:26	1
Trichlorofluoromethane	**0.22**		0.20	0.050	ppb v/v			02/14/23 23:26	1
1,1,2-Trichlorotrifluoroethane	**0.057**	**J**	0.20	0.053	ppb v/v			02/14/23 23:26	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/14/23 23:26	1
Acetone	**3.4**	**J**	5.0	1.6	ppb v/v			02/14/23 23:26	1
Isopropyl alcohol	**3.9**	**J**	5.0	1.6	ppb v/v			02/14/23 23:26	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/14/23 23:26	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/14/23 23:26	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/14/23 23:26	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/14/23 23:26	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/14/23 23:26	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/14/23 23:26	1
n-Hexane	**0.31**	**J**	0.50	0.11	ppb v/v			02/14/23 23:26	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/14/23 23:26	1
Methyl Ethyl Ketone (2-Butanone)	**0.49**		0.50	0.49	ppb v/v			02/14/23 23:26	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/14/23 23:26	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/14/23 23:26	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/14/23 23:26	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/14/23 23:26	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/14/23 23:26	1
Carbon tetrachloride	**0.029**	**J**	0.035	0.022	ppb v/v			02/14/23 23:26	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/14/23 23:26	1
Benzene	**0.19**	**J**	0.20	0.044	ppb v/v			02/14/23 23:26	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/14/23 23:26	1
n-Heptane	**0.11**	**J**	0.20	0.055	ppb v/v			02/14/23 23:26	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/14/23 23:26	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/14/23 23:26	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/14/23 23:26	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/14/23 23:26	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 23:26	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/14/23 23:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/14/23 23:26	1
Toluene	**0.24**		0.20	0.042	ppb v/v			02/14/23 23:26	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/14/23 23:26	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/14/23 23:26	1
Tetrachloroethene	**0.089**	**J**	0.20	0.021	ppb v/v			02/14/23 23:26	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/14/23 23:26	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/14/23 23:26	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/14/23 23:26	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 23:26	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/14/23 23:26	1
m,p-Xylene	**0.099**	**J**	0.50	0.095	ppb v/v			02/14/23 23:26	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/14/23 23:26	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/14/23 23:26	1

Client Sample ID: IA-7

Lab Sample ID: 200-66741-16

Date Collected: 01/28/23 18:22
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/14/23 23:26	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/14/23 23:26	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/14/23 23:26	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 23:26	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/14/23 23:26	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 23:26	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/14/23 23:26	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 23:26	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/14/23 23:26	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/14/23 23:26	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/14/23 23:26	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/14/23 23:26	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/14/23 23:26	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/14/23 23:26	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/14/23 23:26	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/14/23 23:26	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/14/23 23:26	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/14/23 23:26	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/14/23 23:26	1

Client Sample ID: EW-8

Lab Sample ID: 200-66741-17

Date Collected: 01/28/23 16:54
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.8**		2.5	0.54	ug/m3			02/15/23 00:23	1
Chlorodifluoromethane	**2.9**		1.8	0.42	ug/m3			02/15/23 00:23	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 00:23	1
Chloromethane	**0.74**	**J**	1.0	0.31	ug/m3			02/15/23 00:23	1
n-Butane	**6.1**		1.2	0.48	ug/m3			02/15/23 00:23	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 00:23	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 00:23	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 00:23	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 00:23	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 00:23	1
Trichlorofluoromethane	**2.1**		1.1	0.28	ug/m3			02/15/23 00:23	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			02/15/23 00:23	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 00:23	1
Acetone	**38**		12	3.8	ug/m3			02/15/23 00:23	1
Isopropyl alcohol	**340**	**E**	12	3.9	ug/m3			02/15/23 00:23	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 00:23	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 00:23	1
Methylene Chloride	**0.75**	**J**	1.7	0.63	ug/m3			02/15/23 00:23	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 00:23	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 00:23	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 00:23	1
n-Hexane	**2.9**		1.8	0.39	ug/m3			02/15/23 00:23	1

Client Sample ID: EW-8

Date Collected: 01/28/23 16:54
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-17

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 00:23	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		1.5	1.4	ug/m3			02/15/23 00:23	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 00:23	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 00:23	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 00:23	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 00:23	1
Cyclohexane	**0.42**	**J**	0.69	0.20	ug/m3			02/15/23 00:23	1
Carbon tetrachloride	**0.40**		0.22	0.14	ug/m3			02/15/23 00:23	1
2,2,4-Trimethylpentane	**0.40**	**J**	0.93	0.18	ug/m3			02/15/23 00:23	1
Benzene	**1.0**		0.64	0.14	ug/m3			02/15/23 00:23	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 00:23	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 00:23	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 00:23	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 00:23	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 00:23	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 00:23	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 00:23	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 00:23	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 00:23	1
Toluene	**2.8**		0.75	0.16	ug/m3			02/15/23 00:23	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 00:23	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 00:23	1
Tetrachloroethene	**0.33**	**J**	1.4	0.14	ug/m3			02/15/23 00:23	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 00:23	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 00:23	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 00:23	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 00:23	1
Ethylbenzene	**0.63**	**J**	0.87	0.23	ug/m3			02/15/23 00:23	1
m,p-Xylene	**2.2**		2.2	0.41	ug/m3			02/15/23 00:23	1
o-Xylene	**0.87**		0.87	0.23	ug/m3			02/15/23 00:23	1
Styrene	**0.26**	**J**	0.85	0.25	ug/m3			02/15/23 00:23	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 00:23	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 00:23	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 00:23	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 00:23	1
4-Ethyltoluene	**0.26**	**J**	0.98	0.24	ug/m3			02/15/23 00:23	1
1,3,5-Trimethylbenzene	**0.31**	**J**	0.98	0.23	ug/m3			02/15/23 00:23	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 00:23	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 00:23	1
1,2,4-Trimethylbenzene	**1.2**		0.98	0.39	ug/m3			02/15/23 00:23	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 00:23	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 00:23	1
1,3-Dichlorobenzene	**4.5**		1.2	0.44	ug/m3			02/15/23 00:23	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 00:23	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 00:23	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 00:23	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 00:23	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 00:23	1

Client Sample ID: EW-8

Date Collected: 01/28/23 16:54
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-17

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 00:23	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 00:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.57**		0.50	0.11	ppb v/v			02/15/23 00:23	1
Chlorodifluoromethane	**0.83**		0.50	0.12	ppb v/v			02/15/23 00:23	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 00:23	1
Chloromethane	**0.36**	**J**	0.50	0.15	ppb v/v			02/15/23 00:23	1
n-Butane	**2.6**		0.50	0.20	ppb v/v			02/15/23 00:23	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 00:23	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 00:23	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 00:23	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 00:23	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 00:23	1
Trichlorofluoromethane	**0.38**		0.20	0.050	ppb v/v			02/15/23 00:23	1
1,1,2-Trichlorotrifluoroethane	**0.057**	**J**	0.20	0.053	ppb v/v			02/15/23 00:23	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 00:23	1
Acetone	**16**		5.0	1.6	ppb v/v			02/15/23 00:23	1
Isopropyl alcohol	**140**	**E**	5.0	1.6	ppb v/v			02/15/23 00:23	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 00:23	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 00:23	1
Methylene Chloride	**0.22**	**J**	0.50	0.18	ppb v/v			02/15/23 00:23	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 00:23	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 00:23	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 00:23	1
n-Hexane	**0.82**		0.50	0.11	ppb v/v			02/15/23 00:23	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 00:23	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.49	ppb v/v			02/15/23 00:23	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 00:23	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 00:23	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 00:23	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 00:23	1
Cyclohexane	**0.12**	**J**	0.20	0.058	ppb v/v			02/15/23 00:23	1
Carbon tetrachloride	**0.064**		0.035	0.022	ppb v/v			02/15/23 00:23	1
2,2,4-Trimethylpentane	**0.085**	**J**	0.20	0.038	ppb v/v			02/15/23 00:23	1
Benzene	**0.32**		0.20	0.044	ppb v/v			02/15/23 00:23	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 00:23	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 00:23	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 00:23	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 00:23	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 00:23	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 00:23	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 00:23	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 00:23	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 00:23	1
Toluene	**0.75**		0.20	0.042	ppb v/v			02/15/23 00:23	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 00:23	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 00:23	1

Client Sample ID: EW-8

Lab Sample ID: 200-66741-17

Date Collected: 01/28/23 16:54
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.049**	**J**	0.20	0.021	ppb v/v			02/15/23 00:23	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 00:23	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 00:23	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 00:23	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 00:23	1
Ethylbenzene	**0.14**	**J**	0.20	0.052	ppb v/v			02/15/23 00:23	1
m,p-Xylene	**0.51**		0.50	0.095	ppb v/v			02/15/23 00:23	1
o-Xylene	**0.20**		0.20	0.052	ppb v/v			02/15/23 00:23	1
Styrene	**0.061**	**J**	0.20	0.059	ppb v/v			02/15/23 00:23	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 00:23	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 00:23	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 00:23	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 00:23	1
4-Ethyltoluene	**0.052**	**J**	0.20	0.049	ppb v/v			02/15/23 00:23	1
1,3,5-Trimethylbenzene	**0.062**	**J**	0.20	0.047	ppb v/v			02/15/23 00:23	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 00:23	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 00:23	1
1,2,4-Trimethylbenzene	**0.25**		0.20	0.080	ppb v/v			02/15/23 00:23	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 00:23	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 00:23	1
1,3-Dichlorobenzene	**0.76**		0.20	0.074	ppb v/v			02/15/23 00:23	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 00:23	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 00:23	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 00:23	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 00:23	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 00:23	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 00:23	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 00:23	1

Client Sample ID: IA-8

Lab Sample ID: 200-66741-18

Date Collected: 01/28/23 18:21
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			02/15/23 01:22	1
Chlorodifluoromethane	**3.3**		1.8	0.42	ug/m3			02/15/23 01:22	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 01:22	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/15/23 01:22	1
n-Butane	**6.7**		1.2	0.48	ug/m3			02/15/23 01:22	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 01:22	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 01:22	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 01:22	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 01:22	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 01:22	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			02/15/23 01:22	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			02/15/23 01:22	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 01:22	1

Client Sample ID: IA-8

Lab Sample ID: 200-66741-18

Date Collected: 01/28/23 18:21

Matrix: Air

Date Received: 02/02/23 09:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**6.6**	**J**	12	3.8	ug/m3			02/15/23 01:22	1
Isopropyl alcohol	**6.5**	**J**	12	3.9	ug/m3			02/15/23 01:22	1
Carbon disulfide	**1.6**		1.6	0.40	ug/m3			02/15/23 01:22	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 01:22	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 01:22	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 01:22	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 01:22	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 01:22	1
n-Hexane	**0.69**	**J**	1.8	0.39	ug/m3			02/15/23 01:22	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 01:22	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	1.4	ug/m3			02/15/23 01:22	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 01:22	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 01:22	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 01:22	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 01:22	1
Cyclohexane	**0.26**	**J**	0.69	0.20	ug/m3			02/15/23 01:22	1
Carbon tetrachloride	**0.36**		0.22	0.14	ug/m3			02/15/23 01:22	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 01:22	1
Benzene	**0.48**	**J**	0.64	0.14	ug/m3			02/15/23 01:22	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 01:22	1
n-Heptane	**0.72**	**J**	0.82	0.23	ug/m3			02/15/23 01:22	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 01:22	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 01:22	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 01:22	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 01:22	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 01:22	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 01:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 01:22	1
Toluene	**0.76**		0.75	0.16	ug/m3			02/15/23 01:22	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 01:22	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 01:22	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 01:22	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 01:22	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 01:22	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 01:22	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 01:22	1
Ethylbenzene	**0.24**	**J**	0.87	0.23	ug/m3			02/15/23 01:22	1
m,p-Xylene	**0.78**	**J**	2.2	0.41	ug/m3			02/15/23 01:22	1
o-Xylene	**0.33**	**J**	0.87	0.23	ug/m3			02/15/23 01:22	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 01:22	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 01:22	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 01:22	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 01:22	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 01:22	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 01:22	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 01:22	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 01:22	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 01:22	1

Client Sample ID: IA-8

Lab Sample ID: 200-66741-18

Date Collected: 01/28/23 18:21

Matrix: Air

Date Received: 02/02/23 09:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 01:22	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 01:22	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 01:22	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 01:22	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 01:22	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 01:22	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 01:22	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 01:22	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 01:22	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 01:22	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 01:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			02/15/23 01:22	1
Chlorodifluoromethane	**0.95**		0.50	0.12	ppb v/v			02/15/23 01:22	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 01:22	1
Chloromethane	**0.52**		0.50	0.15	ppb v/v			02/15/23 01:22	1
n-Butane	**2.8**		0.50	0.20	ppb v/v			02/15/23 01:22	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 01:22	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 01:22	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 01:22	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 01:22	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 01:22	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			02/15/23 01:22	1
1,1,2-Trichlorotrifluoroethane	**0.057**	**J**	0.20	0.053	ppb v/v			02/15/23 01:22	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 01:22	1
Acetone	**2.8**	**J**	5.0	1.6	ppb v/v			02/15/23 01:22	1
Isopropyl alcohol	**2.6**	**J**	5.0	1.6	ppb v/v			02/15/23 01:22	1
Carbon disulfide	**0.52**		0.50	0.13	ppb v/v			02/15/23 01:22	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 01:22	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 01:22	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 01:22	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 01:22	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 01:22	1
n-Hexane	**0.20**	**J**	0.50	0.11	ppb v/v			02/15/23 01:22	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 01:22	1
Methyl Ethyl Ketone (2-Butanone)	**0.46**	**J**	0.50	0.49	ppb v/v			02/15/23 01:22	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 01:22	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 01:22	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 01:22	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 01:22	1
Cyclohexane	**0.076**	**J**	0.20	0.058	ppb v/v			02/15/23 01:22	1
Carbon tetrachloride	**0.058**		0.035	0.022	ppb v/v			02/15/23 01:22	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 01:22	1
Benzene	**0.15**	**J**	0.20	0.044	ppb v/v			02/15/23 01:22	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 01:22	1
n-Heptane	**0.18**	**J**	0.20	0.055	ppb v/v			02/15/23 01:22	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 01:22	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 01:22	1

Client Sample ID: IA-8

Lab Sample ID: 200-66741-18

Date Collected: 01/28/23 18:21
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 01:22	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 01:22	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 01:22	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 01:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 01:22	1
Toluene	**0.20**		0.20	0.042	ppb v/v			02/15/23 01:22	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 01:22	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 01:22	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 01:22	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 01:22	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 01:22	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 01:22	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 01:22	1
Ethylbenzene	**0.056**	**J**	0.20	0.052	ppb v/v			02/15/23 01:22	1
m,p-Xylene	**0.18**	**J**	0.50	0.095	ppb v/v			02/15/23 01:22	1
o-Xylene	**0.077**	**J**	0.20	0.052	ppb v/v			02/15/23 01:22	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 01:22	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 01:22	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 01:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 01:22	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 01:22	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 01:22	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 01:22	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 01:22	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 01:22	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 01:22	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 01:22	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 01:22	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 01:22	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 01:22	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 01:22	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 01:22	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 01:22	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 01:22	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 01:22	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 01:22	1

Client Sample ID: IA-9

Lab Sample ID: 200-66741-19

Date Collected: 01/28/23 16:39
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/15/23 02:21	1
Chlorodifluoromethane	**3.2**		1.8	0.42	ug/m3			02/15/23 02:21	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 02:21	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			02/15/23 02:21	1

Client Sample ID: IA-9

Date Collected: 01/28/23 16:39
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-19

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**44**		1.2	0.48	ug/m3			02/15/23 02:21	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 02:21	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 02:21	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 02:21	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 02:21	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 02:21	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			02/15/23 02:21	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 02:21	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 02:21	1
Acetone	**11**	**J**	12	3.8	ug/m3			02/15/23 02:21	1
Isopropyl alcohol	**13**		12	3.9	ug/m3			02/15/23 02:21	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 02:21	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 02:21	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 02:21	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 02:21	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 02:21	1
trans-1,2-Dichloroethene	**0.64**	**J**	0.79	0.091	ug/m3			02/15/23 02:21	1
n-Hexane	**6.2**		1.8	0.39	ug/m3			02/15/23 02:21	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 02:21	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			02/15/23 02:21	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 02:21	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 02:21	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 02:21	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 02:21	1
Cyclohexane	**1.5**		0.69	0.20	ug/m3			02/15/23 02:21	1
Carbon tetrachloride	**0.32**		0.22	0.14	ug/m3			02/15/23 02:21	1
2,2,4-Trimethylpentane	**5.9**		0.93	0.18	ug/m3			02/15/23 02:21	1
Benzene	**2.0**		0.64	0.14	ug/m3			02/15/23 02:21	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 02:21	1
n-Heptane	**2.6**		0.82	0.23	ug/m3			02/15/23 02:21	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 02:21	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 02:21	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 02:21	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 02:21	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 02:21	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 02:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.6**		2.0	0.53	ug/m3			02/15/23 02:21	1
Toluene	**18**		0.75	0.16	ug/m3			02/15/23 02:21	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 02:21	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 02:21	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			02/15/23 02:21	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 02:21	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 02:21	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 02:21	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 02:21	1
Ethylbenzene	**1.6**		0.87	0.23	ug/m3			02/15/23 02:21	1
m,p-Xylene	**4.4**		2.2	0.41	ug/m3			02/15/23 02:21	1
o-Xylene	**1.3**		0.87	0.23	ug/m3			02/15/23 02:21	1

Client Sample ID: IA-9

Lab Sample ID: 200-66741-19

Date Collected: 01/28/23 16:39
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 02:21	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 02:21	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 02:21	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 02:21	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 02:21	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 02:21	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 02:21	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 02:21	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 02:21	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 02:21	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 02:21	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 02:21	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 02:21	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 02:21	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 02:21	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 02:21	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 02:21	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 02:21	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 02:21	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 02:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			02/15/23 02:21	1
Chlorodifluoromethane	**0.89**		0.50	0.12	ppb v/v			02/15/23 02:21	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 02:21	1
Chloromethane	**0.56**		0.50	0.15	ppb v/v			02/15/23 02:21	1
n-Butane	**19**		0.50	0.20	ppb v/v			02/15/23 02:21	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 02:21	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 02:21	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 02:21	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 02:21	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 02:21	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			02/15/23 02:21	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 02:21	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 02:21	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			02/15/23 02:21	1
Isopropyl alcohol	**5.2**		5.0	1.6	ppb v/v			02/15/23 02:21	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 02:21	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 02:21	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 02:21	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 02:21	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 02:21	1
trans-1,2-Dichloroethene	**0.16**	**J**	0.20	0.023	ppb v/v			02/15/23 02:21	1
n-Hexane	**1.7**		0.50	0.11	ppb v/v			02/15/23 02:21	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 02:21	1
Methyl Ethyl Ketone (2-Butanone)	**0.49**		0.50	0.49	ppb v/v			02/15/23 02:21	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 02:21	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 02:21	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 02:21	1

Client Sample ID: IA-9

Date Collected: 01/28/23 16:39
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-19

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 02:21	1
Cyclohexane	**0.43**		0.20	0.058	ppb v/v			02/15/23 02:21	1
Carbon tetrachloride	**0.050**		0.035	0.022	ppb v/v			02/15/23 02:21	1
2,2,4-Trimethylpentane	**1.3**		0.20	0.038	ppb v/v			02/15/23 02:21	1
Benzene	**0.64**		0.20	0.044	ppb v/v			02/15/23 02:21	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 02:21	1
n-Heptane	**0.63**		0.20	0.055	ppb v/v			02/15/23 02:21	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 02:21	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 02:21	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 02:21	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 02:21	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 02:21	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 02:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.65**		0.50	0.13	ppb v/v			02/15/23 02:21	1
Toluene	**4.7**		0.20	0.042	ppb v/v			02/15/23 02:21	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 02:21	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 02:21	1
Tetrachloroethene	**0.026**	**J**	0.20	0.021	ppb v/v			02/15/23 02:21	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 02:21	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 02:21	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 02:21	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 02:21	1
Ethylbenzene	**0.36**		0.20	0.052	ppb v/v			02/15/23 02:21	1
m,p-Xylene	**1.0**		0.50	0.095	ppb v/v			02/15/23 02:21	1
o-Xylene	**0.29**		0.20	0.052	ppb v/v			02/15/23 02:21	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 02:21	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 02:21	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 02:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 02:21	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 02:21	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 02:21	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 02:21	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 02:21	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 02:21	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 02:21	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 02:21	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 02:21	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 02:21	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 02:21	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 02:21	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 02:21	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 02:21	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 02:21	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 02:21	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 02:21	1

Client Sample ID: IA-10

Date Collected: 01/28/23 17:55
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-20

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/15/23 03:18	1
Chlorodifluoromethane	**5.8**		1.8	0.42	ug/m3			02/15/23 03:18	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 03:18	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			02/15/23 03:18	1
n-Butane	**5.4**		1.2	0.48	ug/m3			02/15/23 03:18	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 03:18	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 03:18	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 03:18	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 03:18	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 03:18	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			02/15/23 03:18	1
1,1,2-Trichlorotrifluoroethane	**0.41**	**J**	1.5	0.41	ug/m3			02/15/23 03:18	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 03:18	1
Acetone	**5.9**	**J**	12	3.8	ug/m3			02/15/23 03:18	1
Isopropyl alcohol	**5.6**	**J**	12	3.9	ug/m3			02/15/23 03:18	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 03:18	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 03:18	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 03:18	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 03:18	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 03:18	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 03:18	1
n-Hexane	**1.4**	**J**	1.8	0.39	ug/m3			02/15/23 03:18	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 03:18	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/15/23 03:18	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 03:18	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 03:18	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 03:18	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 03:18	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 03:18	1
Carbon tetrachloride	**0.31**		0.22	0.14	ug/m3			02/15/23 03:18	1
2,2,4-Trimethylpentane	**0.18**	**J**	0.93	0.18	ug/m3			02/15/23 03:18	1
Benzene	**0.56**	**J**	0.64	0.14	ug/m3			02/15/23 03:18	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 03:18	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 03:18	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 03:18	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 03:18	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 03:18	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 03:18	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 03:18	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 03:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 03:18	1
Toluene	**0.99**		0.75	0.16	ug/m3			02/15/23 03:18	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 03:18	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 03:18	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 03:18	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 03:18	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 03:18	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 03:18	1

Client Sample ID: IA-10

Date Collected: 01/28/23 17:55
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-20

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 03:18	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/15/23 03:18	1
m,p-Xylene	**0.50**	**J**	2.2	0.41	ug/m3			02/15/23 03:18	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/15/23 03:18	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 03:18	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 03:18	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 03:18	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 03:18	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 03:18	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 03:18	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 03:18	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 03:18	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 03:18	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 03:18	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 03:18	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 03:18	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 03:18	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 03:18	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 03:18	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 03:18	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 03:18	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 03:18	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 03:18	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 03:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/15/23 03:18	1
Chlorodifluoromethane	**1.6**		0.50	0.12	ppb v/v			02/15/23 03:18	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 03:18	1
Chloromethane	**0.60**		0.50	0.15	ppb v/v			02/15/23 03:18	1
n-Butane	**2.3**		0.50	0.20	ppb v/v			02/15/23 03:18	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 03:18	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 03:18	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 03:18	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 03:18	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 03:18	1
Trichlorofluoromethane	**0.23**		0.20	0.050	ppb v/v			02/15/23 03:18	1
1,1,2-Trichlorotrifluoroethane	**0.053**	**J**	0.20	0.053	ppb v/v			02/15/23 03:18	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 03:18	1
Acetone	**2.5**	**J**	5.0	1.6	ppb v/v			02/15/23 03:18	1
Isopropyl alcohol	**2.3**	**J**	5.0	1.6	ppb v/v			02/15/23 03:18	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 03:18	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 03:18	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 03:18	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 03:18	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 03:18	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 03:18	1
n-Hexane	**0.39**	**J**	0.50	0.11	ppb v/v			02/15/23 03:18	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 03:18	1

Client Sample ID: IA-10

Date Collected: 01/28/23 17:55
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-20

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/15/23 03:18	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 03:18	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 03:18	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 03:18	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 03:18	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 03:18	1
Carbon tetrachloride	**0.049**		0.035	0.022	ppb v/v			02/15/23 03:18	1
2,2,4-Trimethylpentane	**0.039**	**J**	0.20	0.038	ppb v/v			02/15/23 03:18	1
Benzene	**0.17**	**J**	0.20	0.044	ppb v/v			02/15/23 03:18	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 03:18	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 03:18	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 03:18	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 03:18	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 03:18	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 03:18	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 03:18	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 03:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 03:18	1
Toluene	**0.26**		0.20	0.042	ppb v/v			02/15/23 03:18	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 03:18	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 03:18	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 03:18	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 03:18	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 03:18	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 03:18	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 03:18	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/15/23 03:18	1
m,p-Xylene	**0.11**	**J**	0.50	0.095	ppb v/v			02/15/23 03:18	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/15/23 03:18	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 03:18	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 03:18	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 03:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 03:18	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 03:18	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 03:18	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 03:18	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 03:18	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 03:18	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 03:18	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 03:18	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 03:18	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 03:18	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 03:18	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 03:18	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 03:18	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 03:18	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 03:18	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 03:18	1

Client Sample ID: IA-10

Lab Sample ID: 200-66741-20

Date Collected: 01/28/23 17:55
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 03:18	1

Client Sample ID: OA-1

Lab Sample ID: 200-66741-21

Date Collected: 01/28/23 16:51
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.9**	**J**	2.5	0.54	ug/m3			02/15/23 04:16	1
Chlorodifluoromethane	**0.90**	**J**	1.8	0.42	ug/m3			02/15/23 04:16	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 04:16	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/15/23 04:16	1
n-Butane	**2.7**		1.2	0.48	ug/m3			02/15/23 04:16	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 04:16	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 04:16	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 04:16	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 04:16	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 04:16	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			02/15/23 04:16	1
1,1,2-Trichlorotrifluoroethane	**0.41**	**J**	1.5	0.41	ug/m3			02/15/23 04:16	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 04:16	1
Acetone	12	U	12	3.8	ug/m3			02/15/23 04:16	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/15/23 04:16	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 04:16	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 04:16	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 04:16	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 04:16	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 04:16	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 04:16	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/15/23 04:16	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 04:16	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/15/23 04:16	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 04:16	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 04:16	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 04:16	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 04:16	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 04:16	1
Carbon tetrachloride	**0.26**		0.22	0.14	ug/m3			02/15/23 04:16	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 04:16	1
Benzene	**0.39**	**J**	0.64	0.14	ug/m3			02/15/23 04:16	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 04:16	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 04:16	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 04:16	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 04:16	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 04:16	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 04:16	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 04:16	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 04:16	1

Client Sample ID: OA-1

Lab Sample ID: 200-66741-21

Date Collected: 01/28/23 16:51
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 04:16	1
Toluene	**0.40**	**J**	0.75	0.16	ug/m3			02/15/23 04:16	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 04:16	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 04:16	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 04:16	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 04:16	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 04:16	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 04:16	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 04:16	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/15/23 04:16	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/15/23 04:16	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/15/23 04:16	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 04:16	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 04:16	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 04:16	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 04:16	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 04:16	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 04:16	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 04:16	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 04:16	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 04:16	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 04:16	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 04:16	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 04:16	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 04:16	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 04:16	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 04:16	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 04:16	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 04:16	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 04:16	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 04:16	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 04:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.39**	**J**	0.50	0.11	ppb v/v			02/15/23 04:16	1
Chlorodifluoromethane	**0.25**	**J**	0.50	0.12	ppb v/v			02/15/23 04:16	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 04:16	1
Chloromethane	**0.53**		0.50	0.15	ppb v/v			02/15/23 04:16	1
n-Butane	**1.1**		0.50	0.20	ppb v/v			02/15/23 04:16	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 04:16	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 04:16	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 04:16	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 04:16	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 04:16	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			02/15/23 04:16	1
1,1,2-Trichlorotrifluoroethane	**0.054**	**J**	0.20	0.053	ppb v/v			02/15/23 04:16	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 04:16	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/15/23 04:16	1

Client Sample ID: OA-1

Date Collected: 01/28/23 16:51
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-21

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/15/23 04:16	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 04:16	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 04:16	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 04:16	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 04:16	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 04:16	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 04:16	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/15/23 04:16	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 04:16	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/15/23 04:16	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 04:16	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 04:16	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 04:16	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 04:16	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 04:16	1
Carbon tetrachloride	**0.041**		0.035	0.022	ppb v/v			02/15/23 04:16	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 04:16	1
Benzene	**0.12**	**J**	0.20	0.044	ppb v/v			02/15/23 04:16	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 04:16	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 04:16	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 04:16	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 04:16	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 04:16	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 04:16	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 04:16	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 04:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 04:16	1
Toluene	**0.11**	**J**	0.20	0.042	ppb v/v			02/15/23 04:16	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 04:16	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 04:16	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 04:16	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 04:16	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 04:16	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 04:16	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 04:16	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/15/23 04:16	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/15/23 04:16	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/15/23 04:16	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 04:16	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 04:16	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 04:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 04:16	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 04:16	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 04:16	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 04:16	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 04:16	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 04:16	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 04:16	1

Client Sample ID: OA-1

Lab Sample ID: 200-66741-21

Date Collected: 01/28/23 16:51
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 04:16	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 04:16	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 04:16	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 04:16	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 04:16	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 04:16	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 04:16	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 04:16	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 04:16	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 04:16	1

Client Sample ID: OA-2

Lab Sample ID: 200-66741-22

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/15/23 05:13	1
Chlorodifluoromethane	**0.89**	**J**	1.8	0.42	ug/m3			02/15/23 05:13	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 05:13	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/15/23 05:13	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/15/23 05:13	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 05:13	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 05:13	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 05:13	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 05:13	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 05:13	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			02/15/23 05:13	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 05:13	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 05:13	1
Acetone	**8.8**	**J**	12	3.8	ug/m3			02/15/23 05:13	1
Isopropyl alcohol	**8.0**	**J**	12	3.9	ug/m3			02/15/23 05:13	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 05:13	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 05:13	1
Methylene Chloride	**1.2**	**J**	1.7	0.63	ug/m3			02/15/23 05:13	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 05:13	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 05:13	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 05:13	1
n-Hexane	**1.5**	**J**	1.8	0.39	ug/m3			02/15/23 05:13	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 05:13	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	1.4	ug/m3			02/15/23 05:13	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 05:13	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 05:13	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 05:13	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 05:13	1
Cyclohexane	**0.47**	**J**	0.69	0.20	ug/m3			02/15/23 05:13	1
Carbon tetrachloride	**0.27**		0.22	0.14	ug/m3			02/15/23 05:13	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 05:13	1

Client Sample ID: OA-2

Lab Sample ID: 200-66741-22

Date Collected: 01/28/23 17:32

Matrix: Air

Date Received: 02/02/23 09:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.67**		0.64	0.14	ug/m3			02/15/23 05:13	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 05:13	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 05:13	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 05:13	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 05:13	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 05:13	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 05:13	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 05:13	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 05:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 05:13	1
Toluene	**2.3**		0.75	0.16	ug/m3			02/15/23 05:13	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 05:13	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 05:13	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 05:13	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 05:13	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 05:13	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 05:13	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 05:13	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/15/23 05:13	1
m,p-Xylene	**0.50**	**J**	2.2	0.41	ug/m3			02/15/23 05:13	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/15/23 05:13	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 05:13	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 05:13	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 05:13	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 05:13	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 05:13	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 05:13	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 05:13	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 05:13	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 05:13	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 05:13	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 05:13	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 05:13	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 05:13	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 05:13	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 05:13	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 05:13	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 05:13	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 05:13	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 05:13	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 05:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.40**	**J**	0.50	0.11	ppb v/v			02/15/23 05:13	1
Chlorodifluoromethane	**0.25**	**J**	0.50	0.12	ppb v/v			02/15/23 05:13	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 05:13	1
Chloromethane	**0.53**		0.50	0.15	ppb v/v			02/15/23 05:13	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/15/23 05:13	1

Client Sample ID: OA-2

Date Collected: 01/28/23 17:32
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-22

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 05:13	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 05:13	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 05:13	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 05:13	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 05:13	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			02/15/23 05:13	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 05:13	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 05:13	1
Acetone	**3.7**	**J**	5.0	1.6	ppb v/v			02/15/23 05:13	1
Isopropyl alcohol	**3.2**	**J**	5.0	1.6	ppb v/v			02/15/23 05:13	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 05:13	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 05:13	1
Methylene Chloride	**0.33**	**J**	0.50	0.18	ppb v/v			02/15/23 05:13	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 05:13	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 05:13	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 05:13	1
n-Hexane	**0.43**	**J**	0.50	0.11	ppb v/v			02/15/23 05:13	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 05:13	1
Methyl Ethyl Ketone (2-Butanone)	**0.46**	**J**	0.50	0.49	ppb v/v			02/15/23 05:13	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 05:13	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 05:13	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 05:13	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 05:13	1
Cyclohexane	**0.14**	**J**	0.20	0.058	ppb v/v			02/15/23 05:13	1
Carbon tetrachloride	**0.042**		0.035	0.022	ppb v/v			02/15/23 05:13	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 05:13	1
Benzene	**0.21**		0.20	0.044	ppb v/v			02/15/23 05:13	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 05:13	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 05:13	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 05:13	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 05:13	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 05:13	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 05:13	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 05:13	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 05:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 05:13	1
Toluene	**0.61**		0.20	0.042	ppb v/v			02/15/23 05:13	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 05:13	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 05:13	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 05:13	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 05:13	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 05:13	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 05:13	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 05:13	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/15/23 05:13	1
m,p-Xylene	**0.12**	**J**	0.50	0.095	ppb v/v			02/15/23 05:13	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/15/23 05:13	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 05:13	1

Client Sample ID: OA-2

Lab Sample ID: 200-66741-22

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 05:13	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 05:13	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 05:13	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 05:13	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 05:13	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 05:13	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 05:13	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 05:13	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 05:13	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 05:13	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 05:13	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 05:13	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 05:13	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 05:13	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 05:13	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 05:13	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 05:13	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 05:13	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 05:13	1

Client Sample ID: OA-2DB

Lab Sample ID: 200-66741-24

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			02/15/23 06:13	1
Chlorodifluoromethane	**1.1**	**J**	1.8	0.42	ug/m3			02/15/23 06:13	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 06:13	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/15/23 06:13	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/15/23 06:13	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 06:13	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 06:13	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 06:13	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 06:13	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 06:13	1
Trichlorofluoromethane	**2.0**		1.1	0.28	ug/m3			02/15/23 06:13	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			02/15/23 06:13	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 06:13	1
Acetone	**17**		12	3.8	ug/m3			02/15/23 06:13	1
Isopropyl alcohol	**36**		12	3.9	ug/m3			02/15/23 06:13	1
Carbon disulfide	**2.8**		1.6	0.40	ug/m3			02/15/23 06:13	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 06:13	1
Methylene Chloride	**4.1**		1.7	0.63	ug/m3			02/15/23 06:13	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 06:13	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 06:13	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 06:13	1
n-Hexane	**7.2**		1.8	0.39	ug/m3			02/15/23 06:13	1

Client Sample ID: OA-2DB

Lab Sample ID: 200-66741-24

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 06:13	1
Methyl Ethyl Ketone (2-Butanone)	**3.3**		1.5	1.4	ug/m3			02/15/23 06:13	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 06:13	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 06:13	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 06:13	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 06:13	1
Cyclohexane	**1.8**		0.69	0.20	ug/m3			02/15/23 06:13	1
Carbon tetrachloride	**0.35**		0.22	0.14	ug/m3			02/15/23 06:13	1
2,2,4-Trimethylpentane	**0.44**	**J**	0.93	0.18	ug/m3			02/15/23 06:13	1
Benzene	**1.4**		0.64	0.14	ug/m3			02/15/23 06:13	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 06:13	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 06:13	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 06:13	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 06:13	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 06:13	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 06:13	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 06:13	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 06:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 06:13	1
Toluene	**9.9**		0.75	0.16	ug/m3			02/15/23 06:13	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 06:13	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 06:13	1
Tetrachloroethene	**0.52**	**J**	1.4	0.14	ug/m3			02/15/23 06:13	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 06:13	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 06:13	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 06:13	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 06:13	1
Ethylbenzene	**0.71**	**J**	0.87	0.23	ug/m3			02/15/23 06:13	1
m,p-Xylene	**1.9**	**J**	2.2	0.41	ug/m3			02/15/23 06:13	1
o-Xylene	**0.77**	**J**	0.87	0.23	ug/m3			02/15/23 06:13	1
Styrene	**0.46**	**J**	0.85	0.25	ug/m3			02/15/23 06:13	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 06:13	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 06:13	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 06:13	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 06:13	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 06:13	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 06:13	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 06:13	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 06:13	1
1,2,4-Trimethylbenzene	**0.52**	**J**	0.98	0.39	ug/m3			02/15/23 06:13	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 06:13	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 06:13	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 06:13	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 06:13	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 06:13	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 06:13	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 06:13	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 06:13	1

Client Sample ID: OA-2DB

Lab Sample ID: 200-66741-24

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 06:13	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 06:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			02/15/23 06:13	1
Chlorodifluoromethane	**0.30**	**J**	0.50	0.12	ppb v/v			02/15/23 06:13	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 06:13	1
Chloromethane	**0.56**		0.50	0.15	ppb v/v			02/15/23 06:13	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/15/23 06:13	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 06:13	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 06:13	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 06:13	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 06:13	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 06:13	1
Trichlorofluoromethane	**0.35**		0.20	0.050	ppb v/v			02/15/23 06:13	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.053	ppb v/v			02/15/23 06:13	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 06:13	1
Acetone	**7.3**		5.0	1.6	ppb v/v			02/15/23 06:13	1
Isopropyl alcohol	**15**		5.0	1.6	ppb v/v			02/15/23 06:13	1
Carbon disulfide	**0.89**		0.50	0.13	ppb v/v			02/15/23 06:13	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 06:13	1
Methylene Chloride	**1.2**		0.50	0.18	ppb v/v			02/15/23 06:13	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 06:13	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 06:13	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 06:13	1
n-Hexane	**2.0**		0.50	0.11	ppb v/v			02/15/23 06:13	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 06:13	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.49	ppb v/v			02/15/23 06:13	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 06:13	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 06:13	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 06:13	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 06:13	1
Cyclohexane	**0.52**		0.20	0.058	ppb v/v			02/15/23 06:13	1
Carbon tetrachloride	**0.055**		0.035	0.022	ppb v/v			02/15/23 06:13	1
2,2,4-Trimethylpentane	**0.094**	**J**	0.20	0.038	ppb v/v			02/15/23 06:13	1
Benzene	**0.45**		0.20	0.044	ppb v/v			02/15/23 06:13	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 06:13	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 06:13	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 06:13	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 06:13	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 06:13	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 06:13	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 06:13	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 06:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 06:13	1
Toluene	**2.6**		0.20	0.042	ppb v/v			02/15/23 06:13	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 06:13	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 06:13	1

Client Sample ID: OA-2DB

Lab Sample ID: 200-66741-24

Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.077**	**J**	0.20	0.021	ppb v/v			02/15/23 06:13	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 06:13	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 06:13	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 06:13	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 06:13	1
Ethylbenzene	**0.16**	**J**	0.20	0.052	ppb v/v			02/15/23 06:13	1
m,p-Xylene	**0.44**	**J**	0.50	0.095	ppb v/v			02/15/23 06:13	1
o-Xylene	**0.18**	**J**	0.20	0.052	ppb v/v			02/15/23 06:13	1
Styrene	**0.11**	**J**	0.20	0.059	ppb v/v			02/15/23 06:13	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 06:13	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 06:13	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 06:13	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 06:13	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 06:13	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 06:13	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 06:13	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 06:13	1
1,2,4-Trimethylbenzene	**0.11**	**J**	0.20	0.080	ppb v/v			02/15/23 06:13	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 06:13	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 06:13	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 06:13	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 06:13	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 06:13	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 06:13	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 06:13	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 06:13	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 06:13	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 06:13	1

Client Sample ID: OA-3

Lab Sample ID: 200-66741-25

Date Collected: 01/28/23 16:29
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.8**	**J**	2.5	0.54	ug/m3			02/15/23 07:11	1
Chlorodifluoromethane	**0.83**	**J**	1.8	0.42	ug/m3			02/15/23 07:11	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 07:11	1
Chloromethane	**0.97**	**J**	1.0	0.31	ug/m3			02/15/23 07:11	1
n-Butane	**1.3**		1.2	0.48	ug/m3			02/15/23 07:11	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 07:11	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 07:11	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 07:11	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 07:11	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 07:11	1
Trichlorofluoromethane	**0.93**	**J**	1.1	0.28	ug/m3			02/15/23 07:11	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 07:11	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 07:11	1

Client Sample ID: OA-3

Lab Sample ID: 200-66741-25

Date Collected: 01/28/23 16:29
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12	U	12	3.8	ug/m3			02/15/23 07:11	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/15/23 07:11	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 07:11	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 07:11	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 07:11	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 07:11	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 07:11	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 07:11	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/15/23 07:11	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 07:11	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/15/23 07:11	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 07:11	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 07:11	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 07:11	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 07:11	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 07:11	1
Carbon tetrachloride	**0.28**		0.22	0.14	ug/m3			02/15/23 07:11	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 07:11	1
Benzene	**0.30**	**J**	0.64	0.14	ug/m3			02/15/23 07:11	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 07:11	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 07:11	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 07:11	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 07:11	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 07:11	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 07:11	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 07:11	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 07:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 07:11	1
Toluene	**0.19**	**J**	0.75	0.16	ug/m3			02/15/23 07:11	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 07:11	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 07:11	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 07:11	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 07:11	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 07:11	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 07:11	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 07:11	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/15/23 07:11	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/15/23 07:11	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/15/23 07:11	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 07:11	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 07:11	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 07:11	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 07:11	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 07:11	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 07:11	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 07:11	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 07:11	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 07:11	1

Client Sample ID: OA-3

Lab Sample ID: 200-66741-25

Date Collected: 01/28/23 16:29
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 07:11	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 07:11	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 07:11	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 07:11	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 07:11	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 07:11	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 07:11	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 07:11	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 07:11	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 07:11	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 07:11	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.36**	**J**	0.50	0.11	ppb v/v			02/15/23 07:11	1
Chlorodifluoromethane	**0.23**	**J**	0.50	0.12	ppb v/v			02/15/23 07:11	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 07:11	1
Chloromethane	**0.47**	**J**	0.50	0.15	ppb v/v			02/15/23 07:11	1
n-Butane	**0.54**		0.50	0.20	ppb v/v			02/15/23 07:11	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 07:11	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 07:11	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 07:11	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 07:11	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 07:11	1
Trichlorofluoromethane	**0.17**	**J**	0.20	0.050	ppb v/v			02/15/23 07:11	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 07:11	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 07:11	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/15/23 07:11	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/15/23 07:11	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 07:11	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 07:11	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 07:11	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 07:11	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 07:11	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 07:11	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/15/23 07:11	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 07:11	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/15/23 07:11	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 07:11	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 07:11	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 07:11	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 07:11	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 07:11	1
Carbon tetrachloride	**0.045**		0.035	0.022	ppb v/v			02/15/23 07:11	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 07:11	1
Benzene	**0.093**	**J**	0.20	0.044	ppb v/v			02/15/23 07:11	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 07:11	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 07:11	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 07:11	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 07:11	1

Client Sample ID: OA-3

Lab Sample ID: 200-66741-25

Date Collected: 01/28/23 16:29
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 07:11	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 07:11	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 07:11	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 07:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 07:11	1
Toluene	**0.051**	**J**	0.20	0.042	ppb v/v			02/15/23 07:11	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 07:11	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 07:11	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 07:11	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 07:11	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 07:11	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 07:11	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 07:11	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/15/23 07:11	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/15/23 07:11	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/15/23 07:11	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 07:11	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 07:11	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 07:11	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 07:11	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 07:11	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 07:11	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 07:11	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 07:11	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 07:11	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 07:11	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 07:11	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 07:11	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 07:11	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 07:11	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 07:11	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 07:11	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 07:11	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 07:11	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 07:11	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 07:11	1

Client Sample ID: B-1

Lab Sample ID: 200-66741-26

Date Collected: 01/28/23 17:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.6**		2.5	0.54	ug/m3			02/15/23 15:16	1
Chlorodifluoromethane	**14**		1.8	0.42	ug/m3			02/15/23 15:16	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 15:16	1
Chloromethane	**2.8**		1.0	0.31	ug/m3			02/15/23 15:16	1

Client Sample ID: B-1

Lab Sample ID: 200-66741-26

Date Collected: 01/28/23 17:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**7.2**		1.2	0.48	ug/m3			02/15/23 15:16	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 15:16	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 15:16	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 15:16	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 15:16	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 15:16	1
Trichlorofluoromethane	**2.5**		1.1	0.28	ug/m3			02/15/23 15:16	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 15:16	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 15:16	1
Acetone	**1500**	**E**	12	3.8	ug/m3			02/15/23 15:16	1
Isopropyl alcohol	**110**	**E**	12	3.9	ug/m3			02/15/23 15:16	1
Carbon disulfide	**0.72**	**J**	1.6	0.40	ug/m3			02/15/23 15:16	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 15:16	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 15:16	1
tert-Butyl alcohol	**38**		15	3.6	ug/m3			02/15/23 15:16	1
Methyl tert-butyl ether	**0.32**	**J**	0.72	0.13	ug/m3			02/15/23 15:16	1
trans-1,2-Dichloroethene	**0.13**	**J**	0.79	0.091	ug/m3			02/15/23 15:16	1
n-Hexane	**1.4**	**J**	1.8	0.39	ug/m3			02/15/23 15:16	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 15:16	1
Methyl Ethyl Ketone (2-Butanone)	**29**		1.5	1.4	ug/m3			02/15/23 15:16	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 15:16	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 15:16	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 15:16	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 15:16	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 15:16	1
Carbon tetrachloride	**0.20**	**J**	0.22	0.14	ug/m3			02/15/23 15:16	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 15:16	1
Benzene	**1.6**		0.64	0.14	ug/m3			02/15/23 15:16	1
1,2-Dichloroethane	**0.41**	**J**	0.81	0.38	ug/m3			02/15/23 15:16	1
n-Heptane	**5.9**		0.82	0.23	ug/m3			02/15/23 15:16	1
Trichloroethene	**0.34**		0.19	0.13	ug/m3			02/15/23 15:16	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 15:16	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 15:16	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 15:16	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 15:16	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 15:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.6**	**J**	2.0	0.53	ug/m3			02/15/23 15:16	1
Toluene	**1.1**		0.75	0.16	ug/m3			02/15/23 15:16	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 15:16	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 15:16	1
Tetrachloroethene	**0.33**	**J**	1.4	0.14	ug/m3			02/15/23 15:16	1
Methyl Butyl Ketone (2-Hexanone)	**5.2**		2.0	0.61	ug/m3			02/15/23 15:16	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 15:16	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 15:16	1
Chlorobenzene	**0.54**	**J**	0.92	0.20	ug/m3			02/15/23 15:16	1
Ethylbenzene	**0.69**	**J B**	0.87	0.23	ug/m3			02/15/23 15:16	1
m,p-Xylene	**0.87**	**J**	2.2	0.41	ug/m3			02/15/23 15:16	1
o-Xylene	**0.59**	**J B**	0.87	0.23	ug/m3			02/15/23 15:16	1

Client Sample ID: B-1

Lab Sample ID: 200-66741-26

Date Collected: 01/28/23 17:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 15:16	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 15:16	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 15:16	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 15:16	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 15:16	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 15:16	1
1,3,5-Trimethylbenzene	**0.47**	**J**	0.98	0.23	ug/m3			02/15/23 15:16	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 15:16	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 15:16	1
1,2,4-Trimethylbenzene	**1.9**		0.98	0.39	ug/m3			02/15/23 15:16	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 15:16	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 15:16	1
1,3-Dichlorobenzene	**3.1**		1.2	0.44	ug/m3			02/15/23 15:16	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 15:16	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 15:16	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 15:16	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 15:16	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 15:16	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 15:16	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 15:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.73**		0.50	0.11	ppb v/v			02/15/23 15:16	1
Chlorodifluoromethane	**3.9**		0.50	0.12	ppb v/v			02/15/23 15:16	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 15:16	1
Chloromethane	**1.4**		0.50	0.15	ppb v/v			02/15/23 15:16	1
n-Butane	**3.0**		0.50	0.20	ppb v/v			02/15/23 15:16	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 15:16	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 15:16	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 15:16	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 15:16	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 15:16	1
Trichlorofluoromethane	**0.44**		0.20	0.050	ppb v/v			02/15/23 15:16	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 15:16	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 15:16	1
Acetone	**650**	**E**	5.0	1.6	ppb v/v			02/15/23 15:16	1
Isopropyl alcohol	**45**	**E**	5.0	1.6	ppb v/v			02/15/23 15:16	1
Carbon disulfide	**0.23**	**J**	0.50	0.13	ppb v/v			02/15/23 15:16	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 15:16	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 15:16	1
tert-Butyl alcohol	**12**		5.0	1.2	ppb v/v			02/15/23 15:16	1
Methyl tert-butyl ether	**0.089**	**J**	0.20	0.036	ppb v/v			02/15/23 15:16	1
trans-1,2-Dichloroethene	**0.032**	**J**	0.20	0.023	ppb v/v			02/15/23 15:16	1
n-Hexane	**0.39**	**J**	0.50	0.11	ppb v/v			02/15/23 15:16	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 15:16	1
Methyl Ethyl Ketone (2-Butanone)	**10**		0.50	0.49	ppb v/v			02/15/23 15:16	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 15:16	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 15:16	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 15:16	1

Client Sample ID: B-1

Lab Sample ID: 200-66741-26

Date Collected: 01/28/23 17:24
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 15:16	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 15:16	1
Carbon tetrachloride	**0.032**	**J**	0.035	0.022	ppb v/v			02/15/23 15:16	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 15:16	1
Benzene	**0.51**		0.20	0.044	ppb v/v			02/15/23 15:16	1
1,2-Dichloroethane	**0.10**	**J**	0.20	0.093	ppb v/v			02/15/23 15:16	1
n-Heptane	**1.4**		0.20	0.055	ppb v/v			02/15/23 15:16	1
Trichloroethene	**0.063**		0.035	0.025	ppb v/v			02/15/23 15:16	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 15:16	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 15:16	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 15:16	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 15:16	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 15:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.38**	**J**	0.50	0.13	ppb v/v			02/15/23 15:16	1
Toluene	**0.29**		0.20	0.042	ppb v/v			02/15/23 15:16	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 15:16	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 15:16	1
Tetrachloroethene	**0.049**	**J**	0.20	0.021	ppb v/v			02/15/23 15:16	1
Methyl Butyl Ketone (2-Hexanone)	**1.3**		0.50	0.15	ppb v/v			02/15/23 15:16	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 15:16	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 15:16	1
Chlorobenzene	**0.12**	**J**	0.20	0.044	ppb v/v			02/15/23 15:16	1
Ethylbenzene	**0.16**	**J B**	0.20	0.052	ppb v/v			02/15/23 15:16	1
m,p-Xylene	**0.20**	**J**	0.50	0.095	ppb v/v			02/15/23 15:16	1
o-Xylene	**0.14**	**J B**	0.20	0.052	ppb v/v			02/15/23 15:16	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 15:16	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 15:16	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 15:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 15:16	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 15:16	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 15:16	1
1,3,5-Trimethylbenzene	**0.095**	**J**	0.20	0.047	ppb v/v			02/15/23 15:16	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 15:16	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 15:16	1
1,2,4-Trimethylbenzene	**0.38**		0.20	0.080	ppb v/v			02/15/23 15:16	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 15:16	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 15:16	1
1,3-Dichlorobenzene	**0.51**		0.20	0.074	ppb v/v			02/15/23 15:16	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 15:16	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 15:16	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 15:16	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 15:16	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 15:16	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 15:16	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 15:16	1

Client Sample ID: B-2

Lab Sample ID: 200-66741-27

Date Collected: 01/28/23 17:26
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/15/23 16:08	1
Chlorodifluoromethane	**2.0**		1.8	0.42	ug/m3			02/15/23 16:08	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 16:08	1
Chloromethane	**2.7**		1.0	0.31	ug/m3			02/15/23 16:08	1
n-Butane	**7.7**		1.2	0.48	ug/m3			02/15/23 16:08	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 16:08	1
1,3-Butadiene	**4.5**		0.44	0.086	ug/m3			02/15/23 16:08	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 16:08	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 16:08	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 16:08	1
Trichlorofluoromethane	**1.4**		1.1	0.28	ug/m3			02/15/23 16:08	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 16:08	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 16:08	1
Acetone	**730**	**E**	12	3.8	ug/m3			02/15/23 16:08	1
Isopropyl alcohol	**86**		12	3.9	ug/m3			02/15/23 16:08	1
Carbon disulfide	**0.70**	**J**	1.6	0.40	ug/m3			02/15/23 16:08	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 16:08	1
Methylene Chloride	**0.69**	**J**	1.7	0.63	ug/m3			02/15/23 16:08	1
tert-Butyl alcohol	**25**		15	3.6	ug/m3			02/15/23 16:08	1
Methyl tert-butyl ether	**0.25**	**J**	0.72	0.13	ug/m3			02/15/23 16:08	1
trans-1,2-Dichloroethene	**0.12**	**J**	0.79	0.091	ug/m3			02/15/23 16:08	1
n-Hexane	**1.0**	**J**	1.8	0.39	ug/m3			02/15/23 16:08	1
1,1-Dichloroethane	**0.42**	**J**	0.81	0.10	ug/m3			02/15/23 16:08	1
Methyl Ethyl Ketone (2-Butanone)	**15**		1.5	1.4	ug/m3			02/15/23 16:08	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 16:08	1
Chloroform	**0.79**	**J**	0.98	0.20	ug/m3			02/15/23 16:08	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 16:08	1
1,1,1-Trichloroethane	**0.56**	**J**	1.1	0.24	ug/m3			02/15/23 16:08	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 16:08	1
Carbon tetrachloride	**0.95**		0.22	0.14	ug/m3			02/15/23 16:08	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 16:08	1
Benzene	**1.1**		0.64	0.14	ug/m3			02/15/23 16:08	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 16:08	1
n-Heptane	**2.9**		0.82	0.23	ug/m3			02/15/23 16:08	1
Trichloroethene	**0.52**		0.19	0.13	ug/m3			02/15/23 16:08	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 16:08	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 16:08	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 16:08	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 16:08	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 16:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.85**	**J**	2.0	0.53	ug/m3			02/15/23 16:08	1
Toluene	**1.7**		0.75	0.16	ug/m3			02/15/23 16:08	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 16:08	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 16:08	1
Tetrachloroethene	**0.50**	**J**	1.4	0.14	ug/m3			02/15/23 16:08	1
Methyl Butyl Ketone (2-Hexanone)	**2.4**		2.0	0.61	ug/m3			02/15/23 16:08	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 16:08	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 16:08	1

Client Sample ID: B-2

Date Collected: 01/28/23 17:26
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-27

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 16:08	1
Ethylbenzene	**0.53**	**J B**	0.87	0.23	ug/m3			02/15/23 16:08	1
m,p-Xylene	**0.84**	**J**	2.2	0.41	ug/m3			02/15/23 16:08	1
o-Xylene	**0.47**	**J B**	0.87	0.23	ug/m3			02/15/23 16:08	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 16:08	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 16:08	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 16:08	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 16:08	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 16:08	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 16:08	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 16:08	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 16:08	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 16:08	1
1,2,4-Trimethylbenzene	**0.98**		0.98	0.39	ug/m3			02/15/23 16:08	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 16:08	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 16:08	1
1,3-Dichlorobenzene	**1.1**	**J**	1.2	0.44	ug/m3			02/15/23 16:08	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 16:08	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 16:08	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 16:08	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 16:08	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 16:08	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 16:08	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 16:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/15/23 16:08	1
Chlorodifluoromethane	**0.57**		0.50	0.12	ppb v/v			02/15/23 16:08	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 16:08	1
Chloromethane	**1.3**		0.50	0.15	ppb v/v			02/15/23 16:08	1
n-Butane	**3.2**		0.50	0.20	ppb v/v			02/15/23 16:08	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 16:08	1
1,3-Butadiene	**2.0**		0.20	0.039	ppb v/v			02/15/23 16:08	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 16:08	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 16:08	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 16:08	1
Trichlorofluoromethane	**0.24**		0.20	0.050	ppb v/v			02/15/23 16:08	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 16:08	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 16:08	1
Acetone	**310**	**E**	5.0	1.6	ppb v/v			02/15/23 16:08	1
Isopropyl alcohol	**35**		5.0	1.6	ppb v/v			02/15/23 16:08	1
Carbon disulfide	**0.22**	**J**	0.50	0.13	ppb v/v			02/15/23 16:08	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 16:08	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			02/15/23 16:08	1
tert-Butyl alcohol	**8.3**		5.0	1.2	ppb v/v			02/15/23 16:08	1
Methyl tert-butyl ether	**0.070**	**J**	0.20	0.036	ppb v/v			02/15/23 16:08	1
trans-1,2-Dichloroethene	**0.031**	**J**	0.20	0.023	ppb v/v			02/15/23 16:08	1
n-Hexane	**0.29**	**J**	0.50	0.11	ppb v/v			02/15/23 16:08	1
1,1-Dichloroethane	**0.10**	**J**	0.20	0.025	ppb v/v			02/15/23 16:08	1

Client Sample ID: B-2

Lab Sample ID: 200-66741-27

Date Collected: 01/28/23 17:26
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**5.2**		0.50	0.49	ppb v/v			02/15/23 16:08	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 16:08	1
Chloroform	**0.16**	**J**	0.20	0.041	ppb v/v			02/15/23 16:08	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 16:08	1
1,1,1-Trichloroethane	**0.10**	**J**	0.20	0.044	ppb v/v			02/15/23 16:08	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 16:08	1
Carbon tetrachloride	**0.15**		0.035	0.022	ppb v/v			02/15/23 16:08	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 16:08	1
Benzene	**0.35**		0.20	0.044	ppb v/v			02/15/23 16:08	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 16:08	1
n-Heptane	**0.70**		0.20	0.055	ppb v/v			02/15/23 16:08	1
Trichloroethene	**0.097**		0.035	0.025	ppb v/v			02/15/23 16:08	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 16:08	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 16:08	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 16:08	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 16:08	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 16:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.21**	**J**	0.50	0.13	ppb v/v			02/15/23 16:08	1
Toluene	**0.44**		0.20	0.042	ppb v/v			02/15/23 16:08	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 16:08	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 16:08	1
Tetrachloroethene	**0.074**	**J**	0.20	0.021	ppb v/v			02/15/23 16:08	1
Methyl Butyl Ketone (2-Hexanone)	**0.58**		0.50	0.15	ppb v/v			02/15/23 16:08	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 16:08	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 16:08	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 16:08	1
Ethylbenzene	**0.12**	**J B**	0.20	0.052	ppb v/v			02/15/23 16:08	1
m,p-Xylene	**0.19**	**J**	0.50	0.095	ppb v/v			02/15/23 16:08	1
o-Xylene	**0.11**	**J B**	0.20	0.052	ppb v/v			02/15/23 16:08	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 16:08	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 16:08	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 16:08	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 16:08	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 16:08	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 16:08	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 16:08	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 16:08	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 16:08	1
1,2,4-Trimethylbenzene	**0.20**		0.20	0.080	ppb v/v			02/15/23 16:08	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 16:08	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 16:08	1
1,3-Dichlorobenzene	**0.19**	**J**	0.20	0.074	ppb v/v			02/15/23 16:08	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 16:08	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 16:08	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 16:08	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 16:08	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 16:08	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 16:08	1

Client Sample ID: B-2

Lab Sample ID: 200-66741-27

Date Collected: 01/28/23 17:26
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 16:08	1

Client Sample ID: B-3

Lab Sample ID: 200-66741-28

Date Collected: 01/28/23 17:27
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			02/17/23 00:57	1
Chlorodifluoromethane	**2.6**		1.8	0.42	ug/m3			02/17/23 00:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/17/23 00:57	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			02/17/23 00:57	1
n-Butane	**2.6**		1.2	0.48	ug/m3			02/17/23 00:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/17/23 00:57	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/17/23 00:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/17/23 00:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/17/23 00:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/17/23 00:57	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			02/17/23 00:57	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.41	ug/m3			02/17/23 00:57	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/17/23 00:57	1
Acetone	**8.1**	**J**	12	3.8	ug/m3			02/17/23 00:57	1
Isopropyl alcohol	**4.7**	**J**	12	3.9	ug/m3			02/17/23 00:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/17/23 00:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/17/23 00:57	1
Methylene Chloride	**1.8**		1.7	0.63	ug/m3			02/17/23 00:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/17/23 00:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/17/23 00:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/17/23 00:57	1
n-Hexane	**1.1**	**J**	1.8	0.39	ug/m3			02/17/23 00:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/17/23 00:57	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/17/23 00:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/17/23 00:57	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/17/23 00:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/17/23 00:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/17/23 00:57	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/17/23 00:57	1
Carbon tetrachloride	**0.34**		0.22	0.14	ug/m3			02/17/23 00:57	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/17/23 00:57	1
Benzene	**0.48**	**J**	0.64	0.14	ug/m3			02/17/23 00:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/17/23 00:57	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/17/23 00:57	1
Trichloroethene	**0.16**	**J**	0.19	0.13	ug/m3			02/17/23 00:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/17/23 00:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/17/23 00:57	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/17/23 00:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/17/23 00:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/17/23 00:57	1

Client Sample ID: B-3

Date Collected: 01/28/23 17:27
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-28

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/17/23 00:57	1
Toluene	**0.70**	**J**	0.75	0.16	ug/m3			02/17/23 00:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/17/23 00:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/17/23 00:57	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/17/23 00:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/17/23 00:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/17/23 00:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/17/23 00:57	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/17/23 00:57	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/17/23 00:57	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/17/23 00:57	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/17/23 00:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/17/23 00:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/17/23 00:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/17/23 00:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/17/23 00:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/17/23 00:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/17/23 00:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/17/23 00:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/17/23 00:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/17/23 00:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/17/23 00:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/17/23 00:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/17/23 00:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/17/23 00:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/17/23 00:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/17/23 00:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/17/23 00:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/17/23 00:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/17/23 00:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/17/23 00:57	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/17/23 00:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.55**		0.50	0.11	ppb v/v			02/17/23 00:57	1
Chlorodifluoromethane	**0.73**		0.50	0.12	ppb v/v			02/17/23 00:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/17/23 00:57	1
Chloromethane	**0.52**		0.50	0.15	ppb v/v			02/17/23 00:57	1
n-Butane	**1.1**		0.50	0.20	ppb v/v			02/17/23 00:57	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/17/23 00:57	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/17/23 00:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/17/23 00:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/17/23 00:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/17/23 00:57	1
Trichlorofluoromethane	**0.24**		0.20	0.050	ppb v/v			02/17/23 00:57	1
1,1,2-Trichlorotrifluoroethane	**0.082**	**J**	0.20	0.053	ppb v/v			02/17/23 00:57	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/17/23 00:57	1
Acetone	**3.4**	**J**	5.0	1.6	ppb v/v			02/17/23 00:57	1

Client Sample ID: B-3

Lab Sample ID: 200-66741-28

Date Collected: 01/28/23 17:27

Matrix: Air

Date Received: 02/02/23 09:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**1.9**	**J**	5.0	1.6	ppb v/v			02/17/23 00:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/17/23 00:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/17/23 00:57	1
Methylene Chloride	**0.52**		0.50	0.18	ppb v/v			02/17/23 00:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/17/23 00:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/17/23 00:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/17/23 00:57	1
n-Hexane	**0.31**	**J**	0.50	0.11	ppb v/v			02/17/23 00:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/17/23 00:57	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/17/23 00:57	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/17/23 00:57	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/17/23 00:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/17/23 00:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/17/23 00:57	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/17/23 00:57	1
Carbon tetrachloride	**0.054**		0.035	0.022	ppb v/v			02/17/23 00:57	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/17/23 00:57	1
Benzene	**0.15**	**J**	0.20	0.044	ppb v/v			02/17/23 00:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/17/23 00:57	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/17/23 00:57	1
Trichloroethene	**0.030**	**J**	0.035	0.025	ppb v/v			02/17/23 00:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/17/23 00:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/17/23 00:57	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/17/23 00:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/17/23 00:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/17/23 00:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/17/23 00:57	1
Toluene	**0.19**	**J**	0.20	0.042	ppb v/v			02/17/23 00:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/17/23 00:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/17/23 00:57	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/17/23 00:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/17/23 00:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/17/23 00:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/17/23 00:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/17/23 00:57	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/17/23 00:57	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/17/23 00:57	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/17/23 00:57	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/17/23 00:57	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/17/23 00:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/17/23 00:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/17/23 00:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 00:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/17/23 00:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 00:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/17/23 00:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 00:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/17/23 00:57	1

Client Sample ID: B-3

Lab Sample ID: 200-66741-28

Date Collected: 01/28/23 17:27
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/17/23 00:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/17/23 00:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/17/23 00:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/17/23 00:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/17/23 00:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/17/23 00:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/17/23 00:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/17/23 00:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/17/23 00:57	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/17/23 00:57	1

Client Sample ID: B-3D

Lab Sample ID: 200-66741-29

Date Collected: 01/28/23 17:28
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.7**	**J**	2.5	0.54	ug/m3			02/17/23 01:57	1
Chlorodifluoromethane	**0.95**	**J**	1.8	0.42	ug/m3			02/17/23 01:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/17/23 01:57	1
Chloromethane	**0.81**	**J**	1.0	0.31	ug/m3			02/17/23 01:57	1
n-Butane	**1.9**		1.2	0.48	ug/m3			02/17/23 01:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/17/23 01:57	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/17/23 01:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/17/23 01:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/17/23 01:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/17/23 01:57	1
Trichlorofluoromethane	**0.97**	**J**	1.1	0.28	ug/m3			02/17/23 01:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/17/23 01:57	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/17/23 01:57	1
Acetone	**11**	**J**	12	3.8	ug/m3			02/17/23 01:57	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/17/23 01:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/17/23 01:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/17/23 01:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/17/23 01:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/17/23 01:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/17/23 01:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/17/23 01:57	1
n-Hexane	**0.48**	**J**	1.8	0.39	ug/m3			02/17/23 01:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/17/23 01:57	1
Methyl Ethyl Ketone (2-Butanone)	**2.5**		1.5	1.4	ug/m3			02/17/23 01:57	1
cis-1,2-Dichloroethene	**0.14**	**J**	0.20	0.083	ug/m3			02/17/23 01:57	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/17/23 01:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/17/23 01:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/17/23 01:57	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/17/23 01:57	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/17/23 01:57	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/17/23 01:57	1

Client Sample ID: B-3D

Date Collected: 01/28/23 17:28
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-29

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.33**	**J**	0.64	0.14	ug/m3			02/17/23 01:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/17/23 01:57	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/17/23 01:57	1
Trichloroethene	**0.24**		0.19	0.13	ug/m3			02/17/23 01:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/17/23 01:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/17/23 01:57	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/17/23 01:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/17/23 01:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/17/23 01:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/17/23 01:57	1
Toluene	**0.31**	**J**	0.75	0.16	ug/m3			02/17/23 01:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/17/23 01:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/17/23 01:57	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/17/23 01:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/17/23 01:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/17/23 01:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/17/23 01:57	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/17/23 01:57	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/17/23 01:57	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/17/23 01:57	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/17/23 01:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/17/23 01:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/17/23 01:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/17/23 01:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/17/23 01:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/17/23 01:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/17/23 01:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/17/23 01:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/17/23 01:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/17/23 01:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/17/23 01:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/17/23 01:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/17/23 01:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/17/23 01:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/17/23 01:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/17/23 01:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/17/23 01:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/17/23 01:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/17/23 01:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/17/23 01:57	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/17/23 01:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.34**	**J**	0.50	0.11	ppb v/v			02/17/23 01:57	1
Chlorodifluoromethane	**0.27**	**J**	0.50	0.12	ppb v/v			02/17/23 01:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/17/23 01:57	1
Chloromethane	**0.39**	**J**	0.50	0.15	ppb v/v			02/17/23 01:57	1
n-Butane	**0.80**		0.50	0.20	ppb v/v			02/17/23 01:57	1

Client Sample ID: B-3D

Date Collected: 01/28/23 17:28
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-29

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/17/23 01:57	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/17/23 01:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/17/23 01:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/17/23 01:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/17/23 01:57	1
Trichlorofluoromethane	**0.17**	**J**	0.20	0.050	ppb v/v			02/17/23 01:57	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/17/23 01:57	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/17/23 01:57	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			02/17/23 01:57	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/17/23 01:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/17/23 01:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/17/23 01:57	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/17/23 01:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/17/23 01:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/17/23 01:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/17/23 01:57	1
n-Hexane	**0.14**	**J**	0.50	0.11	ppb v/v			02/17/23 01:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/17/23 01:57	1
Methyl Ethyl Ketone (2-Butanone)	**0.85**		0.50	0.49	ppb v/v			02/17/23 01:57	1
cis-1,2-Dichloroethene	**0.035**	**J**	0.050	0.021	ppb v/v			02/17/23 01:57	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/17/23 01:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/17/23 01:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/17/23 01:57	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/17/23 01:57	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			02/17/23 01:57	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/17/23 01:57	1
Benzene	**0.10**	**J**	0.20	0.044	ppb v/v			02/17/23 01:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/17/23 01:57	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/17/23 01:57	1
Trichloroethene	**0.045**		0.035	0.025	ppb v/v			02/17/23 01:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/17/23 01:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/17/23 01:57	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/17/23 01:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/17/23 01:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/17/23 01:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/17/23 01:57	1
Toluene	**0.083**	**J**	0.20	0.042	ppb v/v			02/17/23 01:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/17/23 01:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/17/23 01:57	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/17/23 01:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/17/23 01:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/17/23 01:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/17/23 01:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/17/23 01:57	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/17/23 01:57	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/17/23 01:57	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/17/23 01:57	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/17/23 01:57	1

Client Sample ID: B-3D

Lab Sample ID: 200-66741-29

Date Collected: 01/28/23 17:28
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/17/23 01:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/17/23 01:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/17/23 01:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 01:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/17/23 01:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 01:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/17/23 01:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/17/23 01:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/17/23 01:57	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/17/23 01:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/17/23 01:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/17/23 01:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/17/23 01:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/17/23 01:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/17/23 01:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/17/23 01:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/17/23 01:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/17/23 01:57	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/17/23 01:57	1

Client Sample ID: EW-3B

Lab Sample ID: 200-66741-30

Date Collected: 01/28/23 18:40
Matrix: Air
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/15/23 18:46	1
Chlorodifluoromethane	**2.4**		1.8	0.42	ug/m3			02/15/23 18:46	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 18:46	1
Chloromethane	**0.93**	**J**	1.0	0.31	ug/m3			02/15/23 18:46	1
n-Butane	**6.6**		1.2	0.48	ug/m3			02/15/23 18:46	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 18:46	1
1,3-Butadiene	**0.21**	**J**	0.44	0.086	ug/m3			02/15/23 18:46	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 18:46	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 18:46	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 18:46	1
Trichlorofluoromethane	**2.4**		1.1	0.28	ug/m3			02/15/23 18:46	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			02/15/23 18:46	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 18:46	1
Acetone	**36**		12	3.8	ug/m3			02/15/23 18:46	1
Isopropyl alcohol	**280**	**E**	12	3.9	ug/m3			02/15/23 18:46	1
Carbon disulfide	**0.42**	**J**	1.6	0.40	ug/m3			02/15/23 18:46	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 18:46	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 18:46	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 18:46	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 18:46	1
trans-1,2-Dichloroethene	**1.1**		0.79	0.091	ug/m3			02/15/23 18:46	1
n-Hexane	**9.6**		1.8	0.39	ug/m3			02/15/23 18:46	1

Client Sample ID: EW-3B

Date Collected: 01/28/23 18:40
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-30

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.18**	**J**	0.81	0.10	ug/m3			02/15/23 18:46	1
Methyl Ethyl Ketone (2-Butanone)	**2.3**		1.5	1.4	ug/m3			02/15/23 18:46	1
cis-1,2-Dichloroethene	**3.7**		0.20	0.083	ug/m3			02/15/23 18:46	1
Chloroform	**0.21**	**J**	0.98	0.20	ug/m3			02/15/23 18:46	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 18:46	1
1,1,1-Trichloroethane	**1.2**		1.1	0.24	ug/m3			02/15/23 18:46	1
Cyclohexane	**0.75**		0.69	0.20	ug/m3			02/15/23 18:46	1
Carbon tetrachloride	**0.36**		0.22	0.14	ug/m3			02/15/23 18:46	1
2,2,4-Trimethylpentane	**0.87**	**J**	0.93	0.18	ug/m3			02/15/23 18:46	1
Benzene	**1.8**		0.64	0.14	ug/m3			02/15/23 18:46	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 18:46	1
n-Heptane	**1.4**		0.82	0.23	ug/m3			02/15/23 18:46	1
Trichloroethene	**6.4**		0.19	0.13	ug/m3			02/15/23 18:46	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 18:46	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 18:46	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 18:46	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 18:46	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 18:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.54**	**J**	2.0	0.53	ug/m3			02/15/23 18:46	1
Toluene	**5.7**		0.75	0.16	ug/m3			02/15/23 18:46	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 18:46	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 18:46	1
Tetrachloroethene	**0.54**	**J**	1.4	0.14	ug/m3			02/15/23 18:46	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 18:46	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 18:46	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 18:46	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 18:46	1
Ethylbenzene	**1.2**	**B**	0.87	0.23	ug/m3			02/15/23 18:46	1
m,p-Xylene	**3.3**		2.2	0.41	ug/m3			02/15/23 18:46	1
o-Xylene	**1.4**	**B**	0.87	0.23	ug/m3			02/15/23 18:46	1
Styrene	**0.42**	**J**	0.85	0.25	ug/m3			02/15/23 18:46	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 18:46	1
Cumene	**0.20**	**J**	0.98	0.20	ug/m3			02/15/23 18:46	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 18:46	1
n-Propylbenzene	**0.23**	**J**	0.98	0.23	ug/m3			02/15/23 18:46	1
4-Ethyltoluene	**0.32**	**J**	0.98	0.24	ug/m3			02/15/23 18:46	1
1,3,5-Trimethylbenzene	**0.32**	**J**	0.98	0.23	ug/m3			02/15/23 18:46	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 18:46	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 18:46	1
1,2,4-Trimethylbenzene	**1.4**		0.98	0.39	ug/m3			02/15/23 18:46	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 18:46	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 18:46	1
1,3-Dichlorobenzene	**0.78**	**J**	1.2	0.44	ug/m3			02/15/23 18:46	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 18:46	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 18:46	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 18:46	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 18:46	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 18:46	1

Client Sample ID: EW-3B

Date Collected: 01/28/23 18:40
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-30

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 18:46	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 18:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**		0.50	0.11	ppb v/v			02/15/23 18:46	1
Chlorodifluoromethane	**0.69**		0.50	0.12	ppb v/v			02/15/23 18:46	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 18:46	1
Chloromethane	**0.45**	**J**	0.50	0.15	ppb v/v			02/15/23 18:46	1
n-Butane	**2.8**		0.50	0.20	ppb v/v			02/15/23 18:46	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 18:46	1
1,3-Butadiene	**0.097**	**J**	0.20	0.039	ppb v/v			02/15/23 18:46	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 18:46	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 18:46	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 18:46	1
Trichlorofluoromethane	**0.43**		0.20	0.050	ppb v/v			02/15/23 18:46	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			02/15/23 18:46	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 18:46	1
Acetone	**15**		5.0	1.6	ppb v/v			02/15/23 18:46	1
Isopropyl alcohol	**110**	**E**	5.0	1.6	ppb v/v			02/15/23 18:46	1
Carbon disulfide	**0.14**	**J**	0.50	0.13	ppb v/v			02/15/23 18:46	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 18:46	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 18:46	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 18:46	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 18:46	1
trans-1,2-Dichloroethene	**0.27**		0.20	0.023	ppb v/v			02/15/23 18:46	1
n-Hexane	**2.7**		0.50	0.11	ppb v/v			02/15/23 18:46	1
1,1-Dichloroethane	**0.045**	**J**	0.20	0.025	ppb v/v			02/15/23 18:46	1
Methyl Ethyl Ketone (2-Butanone)	**0.77**		0.50	0.49	ppb v/v			02/15/23 18:46	1
cis-1,2-Dichloroethene	**0.93**		0.050	0.021	ppb v/v			02/15/23 18:46	1
Chloroform	**0.044**	**J**	0.20	0.041	ppb v/v			02/15/23 18:46	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 18:46	1
1,1,1-Trichloroethane	**0.22**		0.20	0.044	ppb v/v			02/15/23 18:46	1
Cyclohexane	**0.22**		0.20	0.058	ppb v/v			02/15/23 18:46	1
Carbon tetrachloride	**0.057**		0.035	0.022	ppb v/v			02/15/23 18:46	1
2,2,4-Trimethylpentane	**0.19**	**J**	0.20	0.038	ppb v/v			02/15/23 18:46	1
Benzene	**0.58**		0.20	0.044	ppb v/v			02/15/23 18:46	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 18:46	1
n-Heptane	**0.34**		0.20	0.055	ppb v/v			02/15/23 18:46	1
Trichloroethene	**1.2**		0.035	0.025	ppb v/v			02/15/23 18:46	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 18:46	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 18:46	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 18:46	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 18:46	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 18:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.13**	**J**	0.50	0.13	ppb v/v			02/15/23 18:46	1
Toluene	**1.5**		0.20	0.042	ppb v/v			02/15/23 18:46	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 18:46	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 18:46	1

Client Sample ID: EW-3B

Date Collected: 01/28/23 18:40
Date Received: 02/02/23 09:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-66741-30

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.079**	**J**	0.20	0.021	ppb v/v			02/15/23 18:46	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 18:46	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 18:46	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 18:46	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 18:46	1
Ethylbenzene	**0.27**	**B**	0.20	0.052	ppb v/v			02/15/23 18:46	1
m,p-Xylene	**0.77**		0.50	0.095	ppb v/v			02/15/23 18:46	1
o-Xylene	**0.32**	**B**	0.20	0.052	ppb v/v			02/15/23 18:46	1
Styrene	**0.098**	**J**	0.20	0.059	ppb v/v			02/15/23 18:46	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 18:46	1
Cumene	**0.040**	**J**	0.20	0.041	ppb v/v			02/15/23 18:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 18:46	1
n-Propylbenzene	**0.048**	**J**	0.20	0.047	ppb v/v			02/15/23 18:46	1
4-Ethyltoluene	**0.065**	**J**	0.20	0.049	ppb v/v			02/15/23 18:46	1
1,3,5-Trimethylbenzene	**0.065**	**J**	0.20	0.047	ppb v/v			02/15/23 18:46	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 18:46	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 18:46	1
1,2,4-Trimethylbenzene	**0.29**		0.20	0.080	ppb v/v			02/15/23 18:46	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 18:46	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 18:46	1
1,3-Dichlorobenzene	**0.13**	**J**	0.20	0.074	ppb v/v			02/15/23 18:46	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 18:46	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 18:46	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 18:46	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 18:46	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 18:46	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 18:46	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 18:46	1

Default Detection Limits

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	1.1	0.24	ug/m3
1,1,1-Trichloroethane	0.20	0.044	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.043	ppb v/v
1,1,2-Trichloroethane	1.1	0.40	ug/m3
1,1,2-Trichloroethane	0.20	0.074	ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5	0.41	ug/m3
1,1,2-Trichlorotrifluoroethane	0.20	0.053	ppb v/v
1,1-Dichloroethane	0.81	0.10	ug/m3
1,1-Dichloroethane	0.20	0.025	ppb v/v
1,1-Dichloroethene	0.14	0.10	ug/m3
1,1-Dichloroethene	0.035	0.026	ppb v/v
1,2,4-Trichlorobenzene	3.7	2.4	ug/m3
1,2,4-Trichlorobenzene	0.50	0.33	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.39	ug/m3
1,2,4-Trimethylbenzene	0.20	0.080	ppb v/v
1,2-Dibromoethane	1.5	0.32	ug/m3
1,2-Dibromoethane	0.20	0.042	ppb v/v
1,2-Dichlorobenzene	1.2	0.40	ug/m3
1,2-Dichlorobenzene	0.20	0.066	ppb v/v
1,2-Dichloroethane	0.81	0.38	ug/m3
1,2-Dichloroethane	0.20	0.093	ppb v/v
1,2-Dichloropropane	0.92	0.43	ug/m3
1,2-Dichloropropane	0.20	0.094	ppb v/v
1,2-Dichlorotetrafluoroethane	1.4	0.34	ug/m3
1,2-Dichlorotetrafluoroethane	0.20	0.048	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.23	ug/m3
1,3,5-Trimethylbenzene	0.20	0.047	ppb v/v
1,3-Butadiene	0.44	0.086	ug/m3
1,3-Butadiene	0.20	0.039	ppb v/v
1,3-Dichlorobenzene	1.2	0.44	ug/m3
1,3-Dichlorobenzene	0.20	0.074	ppb v/v
1,4-Dichlorobenzene	1.2	0.54	ug/m3
1,4-Dichlorobenzene	0.20	0.089	ppb v/v
1,4-Dioxane	18	4.7	ug/m3
1,4-Dioxane	5.0	1.3	ppb v/v
2,2,4-Trimethylpentane	0.93	0.18	ug/m3
2,2,4-Trimethylpentane	0.20	0.038	ppb v/v
2-Chlorotoluene	1.0	0.24	ug/m3
2-Chlorotoluene	0.20	0.046	ppb v/v
3-Chloropropene	1.6	0.38	ug/m3
3-Chloropropene	0.50	0.12	ppb v/v
4-Ethyltoluene	0.98	0.24	ug/m3
4-Ethyltoluene	0.20	0.049	ppb v/v
4-Isopropyltoluene	1.1	0.33	ug/m3
4-Isopropyltoluene	0.20	0.061	ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.53	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	0.13	ppb v/v
Acetone	12	3.8	ug/m3
Acetone	5.0	1.6	ppb v/v
Benzene	0.64	0.14	ug/m3
Benzene	0.20	0.044	ppb v/v
Benzyl chloride	1.0	0.46	ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Benzyl chloride	0.20	0.088	ppb v/v
Bromodichloromethane	1.3	0.34	ug/m3
Bromodichloromethane	0.20	0.050	ppb v/v
Bromoethene(Vinyl Bromide)	0.87	0.22	ug/m3
Bromoethene(Vinyl Bromide)	0.20	0.050	ppb v/v
Bromoform	2.1	1.2	ug/m3
Bromoform	0.20	0.12	ppb v/v
Bromomethane	0.78	0.28	ug/m3
Bromomethane	0.20	0.071	ppb v/v
Carbon disulfide	1.6	0.40	ug/m3
Carbon disulfide	0.50	0.13	ppb v/v
Carbon tetrachloride	0.22	0.14	ug/m3
Carbon tetrachloride	0.035	0.022	ppb v/v
Chlorobenzene	0.92	0.20	ug/m3
Chlorobenzene	0.20	0.044	ppb v/v
Chlorodifluoromethane	1.8	0.42	ug/m3
Chlorodifluoromethane	0.50	0.12	ppb v/v
Chloroethane	1.3	0.47	ug/m3
Chloroethane	0.50	0.18	ppb v/v
Chloroform	0.98	0.20	ug/m3
Chloroform	0.20	0.041	ppb v/v
Chloromethane	1.0	0.31	ug/m3
Chloromethane	0.50	0.15	ppb v/v
cis-1,2-Dichloroethene	0.20	0.083	ug/m3
cis-1,2-Dichloroethene	0.050	0.021	ppb v/v
cis-1,3-Dichloropropene	0.91	0.20	ug/m3
cis-1,3-Dichloropropene	0.20	0.045	ppb v/v
Cumene	0.98	0.20	ug/m3
Cumene	0.20	0.041	ppb v/v
Cyclohexane	0.69	0.20	ug/m3
Cyclohexane	0.20	0.058	ppb v/v
Dibromochloromethane	1.7	0.54	ug/m3
Dibromochloromethane	0.20	0.063	ppb v/v
Dichlorodifluoromethane	2.5	0.54	ug/m3
Dichlorodifluoromethane	0.50	0.11	ppb v/v
Ethylbenzene	0.87	0.23	ug/m3
Ethylbenzene	0.20	0.052	ppb v/v
Hexachlorobutadiene	2.1	1.2	ug/m3
Hexachlorobutadiene	0.20	0.11	ppb v/v
Isopropyl alcohol	12	3.9	ug/m3
Isopropyl alcohol	5.0	1.6	ppb v/v
m,p-Xylene	2.2	0.41	ug/m3
m,p-Xylene	0.50	0.095	ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0	0.61	ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50	0.15	ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5	1.4	ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50	0.49	ppb v/v
Methyl methacrylate	2.0	0.57	ug/m3
Methyl methacrylate	0.50	0.14	ppb v/v
Methyl tert-butyl ether	0.72	0.13	ug/m3
Methyl tert-butyl ether	0.20	0.036	ppb v/v
Methylene Chloride	1.7	0.63	ug/m3
Methylene Chloride	0.50	0.18	ppb v/v

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Naphthalene	2.6	1.6	ug/m3
Naphthalene	0.50	0.30	ppb v/v
n-Butane	1.2	0.48	ug/m3
n-Butane	0.50	0.20	ppb v/v
n-Butylbenzene	1.1	0.60	ug/m3
n-Butylbenzene	0.20	0.11	ppb v/v
n-Heptane	0.82	0.23	ug/m3
n-Heptane	0.20	0.055	ppb v/v
n-Hexane	1.8	0.39	ug/m3
n-Hexane	0.50	0.11	ppb v/v
n-Propylbenzene	0.98	0.23	ug/m3
n-Propylbenzene	0.20	0.047	ppb v/v
o-Xylene	0.87	0.23	ug/m3
o-Xylene	0.20	0.052	ppb v/v
sec-Butylbenzene	1.1	0.25	ug/m3
sec-Butylbenzene	0.20	0.045	ppb v/v
Styrene	0.85	0.25	ug/m3
Styrene	0.20	0.059	ppb v/v
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butyl alcohol	5.0	1.2	ppb v/v
tert-Butylbenzene	1.1	0.26	ug/m3
tert-Butylbenzene	0.20	0.047	ppb v/v
Tetrachloroethene	1.4	0.14	ug/m3
Tetrachloroethene	0.20	0.021	ppb v/v
Tetrahydrofuran	15	3.8	ug/m3
Tetrahydrofuran	5.0	1.3	ppb v/v
Toluene	0.75	0.16	ug/m3
Toluene	0.20	0.042	ppb v/v
trans-1,2-Dichloroethene	0.79	0.091	ug/m3
trans-1,2-Dichloroethene	0.20	0.023	ppb v/v
trans-1,3-Dichloropropene	0.91	0.25	ug/m3
trans-1,3-Dichloropropene	0.20	0.054	ppb v/v
Trichloroethene	0.19	0.13	ug/m3
Trichloroethene	0.035	0.025	ppb v/v
Trichlorofluoromethane	1.1	0.28	ug/m3
Trichlorofluoromethane	0.20	0.050	ppb v/v
Vinyl chloride	0.20	0.054	ug/m3
Vinyl chloride	0.078	0.021	ppb v/v

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-188367/5
Matrix: Air
Analysis Batch: 188367

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			02/11/23 14:58	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			02/11/23 14:58	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/11/23 14:58	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			02/11/23 14:58	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/11/23 14:58	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/11/23 14:58	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/11/23 14:58	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/11/23 14:58	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/11/23 14:58	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/11/23 14:58	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			02/11/23 14:58	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/11/23 14:58	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/11/23 14:58	1
Acetone	12	U	12	3.8	ug/m3			02/11/23 14:58	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/11/23 14:58	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/11/23 14:58	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/11/23 14:58	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/11/23 14:58	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/11/23 14:58	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/11/23 14:58	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/11/23 14:58	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/11/23 14:58	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/11/23 14:58	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/11/23 14:58	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/11/23 14:58	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/11/23 14:58	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/11/23 14:58	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/11/23 14:58	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/11/23 14:58	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/11/23 14:58	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/11/23 14:58	1
Benzene	0.64	U	0.64	0.14	ug/m3			02/11/23 14:58	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/11/23 14:58	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/11/23 14:58	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/11/23 14:58	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/11/23 14:58	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/11/23 14:58	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/11/23 14:58	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/11/23 14:58	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/11/23 14:58	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/11/23 14:58	1
Toluene	0.165	J	0.75	0.16	ug/m3			02/11/23 14:58	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/11/23 14:58	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/11/23 14:58	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/11/23 14:58	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/11/23 14:58	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/11/23 14:58	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/11/23 14:58	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188367/5
Matrix: Air
Analysis Batch: 188367

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/11/23 14:58	1
Ethylbenzene	0.239	J	0.87	0.23	ug/m3			02/11/23 14:58	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/11/23 14:58	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/11/23 14:58	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/11/23 14:58	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/11/23 14:58	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/11/23 14:58	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/11/23 14:58	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 14:58	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/11/23 14:58	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/11/23 14:58	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/11/23 14:58	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/11/23 14:58	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/11/23 14:58	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/11/23 14:58	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/11/23 14:58	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/11/23 14:58	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/11/23 14:58	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/11/23 14:58	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/11/23 14:58	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/11/23 14:58	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/11/23 14:58	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/11/23 14:58	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/11/23 14:58	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			02/11/23 14:58	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			02/11/23 14:58	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/11/23 14:58	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			02/11/23 14:58	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/11/23 14:58	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/11/23 14:58	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/11/23 14:58	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/11/23 14:58	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/11/23 14:58	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/11/23 14:58	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 14:58	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/11/23 14:58	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/11/23 14:58	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/11/23 14:58	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/11/23 14:58	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/11/23 14:58	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/11/23 14:58	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/11/23 14:58	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/11/23 14:58	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/11/23 14:58	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/11/23 14:58	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/11/23 14:58	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/11/23 14:58	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188367/5
Matrix: Air
Analysis Batch: 188367

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/11/23 14:58	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/11/23 14:58	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/11/23 14:58	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/11/23 14:58	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/11/23 14:58	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/11/23 14:58	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			02/11/23 14:58	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/11/23 14:58	1
Benzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 14:58	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/11/23 14:58	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/11/23 14:58	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/11/23 14:58	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/11/23 14:58	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/11/23 14:58	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/11/23 14:58	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/11/23 14:58	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/11/23 14:58	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/11/23 14:58	1
Toluene	0.0439	J	0.20	0.042	ppb v/v			02/11/23 14:58	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/11/23 14:58	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/11/23 14:58	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/11/23 14:58	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/11/23 14:58	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/11/23 14:58	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/11/23 14:58	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/11/23 14:58	1
Ethylbenzene	0.0551	J	0.20	0.052	ppb v/v			02/11/23 14:58	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/11/23 14:58	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/11/23 14:58	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/11/23 14:58	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/11/23 14:58	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/11/23 14:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/11/23 14:58	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 14:58	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/11/23 14:58	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 14:58	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/11/23 14:58	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/11/23 14:58	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/11/23 14:58	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/11/23 14:58	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/11/23 14:58	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/11/23 14:58	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/11/23 14:58	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/11/23 14:58	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/11/23 14:58	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/11/23 14:58	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/11/23 14:58	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/11/23 14:58	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188367/5
Matrix: Air
Analysis Batch: 188367

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/11/23 14:58	1

Lab Sample ID: LCS 200-188367/4
Matrix: Air
Analysis Batch: 188367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	48.8		ug/m3		99	61 - 142
Chlorodifluoromethane	35.4	35.7		ug/m3		101	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	68.9		ug/m3		99	71 - 141
Chloromethane	20.6	20.4		ug/m3		99	56 - 141
n-Butane	23.8	24.2		ug/m3		102	53 - 151
Vinyl chloride	25.6	22.5		ug/m3		88	61 - 135
1,3-Butadiene	22.1	20.3		ug/m3		92	58 - 139
Bromomethane	38.8	37.5		ug/m3		97	72 - 124
Chloroethane	26.4	25.9		ug/m3		98	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.2		ug/m3		97	75 - 125
Trichlorofluoromethane	56.2	54.9		ug/m3		98	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	74.9		ug/m3		98	70 - 121
1,1-Dichloroethene	39.6	36.1		ug/m3		91	68 - 120
Acetone	23.7	26.6		ug/m3		112	54 - 154
Isopropyl alcohol	24.6	27.0		ug/m3		110	53 - 142
Carbon disulfide	31.1	32.5		ug/m3		104	71 - 138
3-Chloropropene	31.3	31.7		ug/m3		101	50 - 150
Methylene Chloride	34.7	35.9		ug/m3		103	59 - 137
tert-Butyl alcohol	30.3	32.3		ug/m3		107	66 - 132
Methyl tert-butyl ether	36.0	35.8		ug/m3		99	70 - 127
trans-1,2-Dichloroethene	39.6	38.8		ug/m3		98	69 - 137
n-Hexane	35.2	36.7		ug/m3		104	63 - 138
1,1-Dichloroethane	40.5	40.1		ug/m3		99	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	29.5		ug/m3		100	72 - 124
cis-1,2-Dichloroethene	39.6	36.2		ug/m3		91	72 - 121
Chloroform	48.8	47.8		ug/m3		98	73 - 124
Tetrahydrofuran	29.5	31.9		ug/m3		108	60 - 149
1,1,1-Trichloroethane	54.6	51.1		ug/m3		94	72 - 127
Cyclohexane	34.4	33.3		ug/m3		97	76 - 124
Carbon tetrachloride	62.9	61.7		ug/m3		98	71 - 133
2,2,4-Trimethylpentane	46.7	48.2		ug/m3		103	68 - 131
Benzene	31.9	29.4		ug/m3		92	73 - 119
1,2-Dichloroethane	40.5	39.2		ug/m3		97	68 - 135
n-Heptane	41.0	44.4		ug/m3		108	60 - 142
Trichloroethene	53.7	50.7		ug/m3		94	73 - 122
Methyl methacrylate	40.9	40.7		ug/m3		99	73 - 129
1,2-Dichloropropane	46.2	43.7		ug/m3		95	69 - 128
1,4-Dioxane	36.0	32.8		ug/m3		91	66 - 129
Bromodichloromethane	67.0	66.1		ug/m3		99	75 - 127
cis-1,3-Dichloropropene	45.4	44.3		ug/m3		98	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188367/4
Matrix: Air
Analysis Batch: 188367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	41.7		ug/m3		102	58 - 144
Toluene	37.7	35.5		ug/m3		94	75 - 122
trans-1,3-Dichloropropene	45.4	45.6		ug/m3		101	74 - 128
1,1,2-Trichloroethane	54.6	52.6		ug/m3		96	75 - 126
Tetrachloroethene	67.8	60.0		ug/m3		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	43.1		ug/m3		105	57 - 143
Dibromochloromethane	85.2	82.5		ug/m3		97	73 - 125
1,2-Dibromoethane	76.8	73.9		ug/m3		96	78 - 122
Chlorobenzene	46.0	44.0		ug/m3		96	76 - 119
Ethylbenzene	43.4	42.0		ug/m3		97	74 - 122
m,p-Xylene	86.8	87.9		ug/m3		101	76 - 121
o-Xylene	43.4	41.8		ug/m3		96	73 - 123
Styrene	42.6	46.6		ug/m3		109	74 - 125
Bromoform	103	106		ug/m3		102	53 - 149
Cumene	49.1	49.0		ug/m3		100	73 - 123
1,1,2,2-Tetrachloroethane	68.6	67.2		ug/m3		98	74 - 126
n-Propylbenzene	49.1	49.5		ug/m3		101	73 - 127
4-Ethyltoluene	49.2	49.7		ug/m3		101	75 - 129
1,3,5-Trimethylbenzene	49.2	48.9		ug/m3		99	72 - 126
2-Chlorotoluene	51.8	52.6		ug/m3		102	74 - 126
tert-Butylbenzene	54.9	51.8		ug/m3		94	71 - 125
1,2,4-Trimethylbenzene	49.2	48.0		ug/m3		98	71 - 129
sec-Butylbenzene	54.9	53.0		ug/m3		97	70 - 128
4-Isopropyltoluene	54.9	53.7		ug/m3		98	68 - 130
1,3-Dichlorobenzene	60.1	59.2		ug/m3		98	69 - 131
1,4-Dichlorobenzene	60.1	60.1		ug/m3		100	67 - 132
Benzyl chloride	51.8	56.3		ug/m3		109	60 - 136
n-Butylbenzene	54.9	54.4		ug/m3		99	65 - 137
1,2-Dichlorobenzene	60.1	59.3		ug/m3		99	68 - 129
1,2,4-Trichlorobenzene	74.2	87.8		ug/m3		118	50 - 150
Hexachlorobutadiene	107	110		ug/m3		103	58 - 130
Naphthalene	52.4	66.2		ug/m3		126	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.86		ppb v/v		99	61 - 142
Chlorodifluoromethane	10	10.1		ppb v/v		101	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.86		ppb v/v		99	71 - 141
Chloromethane	10	9.89		ppb v/v		99	56 - 141
n-Butane	10	10.2		ppb v/v		102	53 - 151
Vinyl chloride	10	8.81		ppb v/v		88	61 - 135
1,3-Butadiene	10	9.19		ppb v/v		92	58 - 139
Bromomethane	10	9.66		ppb v/v		97	72 - 124
Chloroethane	10	9.82		ppb v/v		98	68 - 130
Bromoethene(Vinyl Bromide)	10	9.65		ppb v/v		97	75 - 125
Trichlorofluoromethane	10	9.77		ppb v/v		98	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.77		ppb v/v		98	70 - 121
1,1-Dichloroethene	10	9.10		ppb v/v		91	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188367/4
Matrix: Air
Analysis Batch: 188367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	11.2		ppb v/v		112	54 - 154
Isopropyl alcohol	10	11.0		ppb v/v		110	53 - 142
Carbon disulfide	10	10.4		ppb v/v		104	71 - 138
3-Chloropropene	10	10.1		ppb v/v		101	50 - 150
Methylene Chloride	10	10.3		ppb v/v		103	59 - 137
tert-Butyl alcohol	10	10.7		ppb v/v		107	66 - 132
Methyl tert-butyl ether	10	9.94		ppb v/v		99	70 - 127
trans-1,2-Dichloroethene	10	9.79		ppb v/v		98	69 - 137
n-Hexane	10	10.4		ppb v/v		104	63 - 138
1,1-Dichloroethane	10	9.90		ppb v/v		99	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.99		ppb v/v		100	72 - 124
cis-1,2-Dichloroethene	10	9.14		ppb v/v		91	72 - 121
Chloroform	10	9.78		ppb v/v		98	73 - 124
Tetrahydrofuran	10	10.8		ppb v/v		108	60 - 149
1,1,1-Trichloroethane	10	9.36		ppb v/v		94	72 - 127
Cyclohexane	10	9.68		ppb v/v		97	76 - 124
Carbon tetrachloride	10	9.80		ppb v/v		98	71 - 133
2,2,4-Trimethylpentane	10	10.3		ppb v/v		103	68 - 131
Benzene	10	9.19		ppb v/v		92	73 - 119
1,2-Dichloroethane	10	9.69		ppb v/v		97	68 - 135
n-Heptane	10	10.8		ppb v/v		108	60 - 142
Trichloroethene	10	9.44		ppb v/v		94	73 - 122
Methyl methacrylate	10	9.93		ppb v/v		99	73 - 129
1,2-Dichloropropane	10	9.45		ppb v/v		95	69 - 128
1,4-Dioxane	10	9.10		ppb v/v		91	66 - 129
Bromodichloromethane	10	9.86		ppb v/v		99	75 - 127
cis-1,3-Dichloropropene	10	9.76		ppb v/v		98	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.2		ppb v/v		102	58 - 144
Toluene	10	9.43		ppb v/v		94	75 - 122
trans-1,3-Dichloropropene	10	10.1		ppb v/v		101	74 - 128
1,1,2-Trichloroethane	10	9.64		ppb v/v		96	75 - 126
Tetrachloroethene	10	8.85		ppb v/v		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.5		ppb v/v		105	57 - 143
Dibromochloromethane	10	9.69		ppb v/v		97	73 - 125
1,2-Dibromoethane	10	9.62		ppb v/v		96	78 - 122
Chlorobenzene	10	9.57		ppb v/v		96	76 - 119
Ethylbenzene	10	9.68		ppb v/v		97	74 - 122
m,p-Xylene	20	20.3		ppb v/v		101	76 - 121
o-Xylene	10	9.62		ppb v/v		96	73 - 123
Styrene	10	10.9		ppb v/v		109	74 - 125
Bromoform	10	10.2		ppb v/v		102	53 - 149
Cumene	10	9.96		ppb v/v		100	73 - 123
1,1,2,2-Tetrachloroethane	10	9.80		ppb v/v		98	74 - 126
n-Propylbenzene	10	10.1		ppb v/v		101	73 - 127
4-Ethyltoluene	10	10.1		ppb v/v		101	75 - 129
1,3,5-Trimethylbenzene	10	9.95		ppb v/v		99	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188367/4
Matrix: Air
Analysis Batch: 188367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	10.2		ppb v/v		102	74 - 126
tert-Butylbenzene	10	9.44		ppb v/v		94	71 - 125
1,2,4-Trimethylbenzene	10	9.76		ppb v/v		98	71 - 129
sec-Butylbenzene	10	9.65		ppb v/v		97	70 - 128
4-Isopropyltoluene	10	9.78		ppb v/v		98	68 - 130
1,3-Dichlorobenzene	10	9.84		ppb v/v		98	69 - 131
1,4-Dichlorobenzene	10	9.99		ppb v/v		100	67 - 132
Benzyl chloride	10	10.9		ppb v/v		109	60 - 136
n-Butylbenzene	10	9.91		ppb v/v		99	65 - 137
1,2-Dichlorobenzene	10	9.86		ppb v/v		99	68 - 129
1,2,4-Trichlorobenzene	10	11.8		ppb v/v		118	50 - 150
Hexachlorobutadiene	10	10.3		ppb v/v		103	58 - 130
Naphthalene	10	12.6		ppb v/v		126	50 - 150

Lab Sample ID: MB 200-188411/4
Matrix: Air
Analysis Batch: 188411

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			02/14/23 11:26	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			02/14/23 11:26	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/14/23 11:26	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			02/14/23 11:26	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/14/23 11:26	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/14/23 11:26	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/14/23 11:26	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/14/23 11:26	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/14/23 11:26	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/14/23 11:26	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			02/14/23 11:26	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/14/23 11:26	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/14/23 11:26	1
Acetone	12	U	12	3.8	ug/m3			02/14/23 11:26	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/14/23 11:26	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/14/23 11:26	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/14/23 11:26	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/14/23 11:26	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/14/23 11:26	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/14/23 11:26	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/14/23 11:26	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/14/23 11:26	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/14/23 11:26	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/14/23 11:26	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/14/23 11:26	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/14/23 11:26	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/14/23 11:26	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/14/23 11:26	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/14/23 11:26	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/14/23 11:26	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188411/4
Matrix: Air
Analysis Batch: 188411

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/14/23 11:26	1
Benzene	0.64	U	0.64	0.14	ug/m3			02/14/23 11:26	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/14/23 11:26	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/14/23 11:26	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/14/23 11:26	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/14/23 11:26	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/14/23 11:26	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/14/23 11:26	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/14/23 11:26	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/14/23 11:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/14/23 11:26	1
Toluene	0.75	U	0.75	0.16	ug/m3			02/14/23 11:26	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/14/23 11:26	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/14/23 11:26	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/14/23 11:26	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/14/23 11:26	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/14/23 11:26	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/14/23 11:26	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/14/23 11:26	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/14/23 11:26	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/14/23 11:26	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/14/23 11:26	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/14/23 11:26	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/14/23 11:26	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/14/23 11:26	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/14/23 11:26	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 11:26	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/14/23 11:26	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/14/23 11:26	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/14/23 11:26	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/14/23 11:26	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/14/23 11:26	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/14/23 11:26	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/14/23 11:26	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/14/23 11:26	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/14/23 11:26	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/14/23 11:26	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/14/23 11:26	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/14/23 11:26	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/14/23 11:26	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/14/23 11:26	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/14/23 11:26	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			02/14/23 11:26	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			02/14/23 11:26	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/14/23 11:26	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			02/14/23 11:26	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188411/4
Matrix: Air
Analysis Batch: 188411

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/14/23 11:26	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/14/23 11:26	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/14/23 11:26	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/14/23 11:26	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/14/23 11:26	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/14/23 11:26	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 11:26	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/14/23 11:26	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/14/23 11:26	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/14/23 11:26	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/14/23 11:26	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/14/23 11:26	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/14/23 11:26	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/14/23 11:26	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/14/23 11:26	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/14/23 11:26	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/14/23 11:26	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/14/23 11:26	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/14/23 11:26	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/14/23 11:26	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/14/23 11:26	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/14/23 11:26	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/14/23 11:26	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/14/23 11:26	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/14/23 11:26	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			02/14/23 11:26	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/14/23 11:26	1
Benzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 11:26	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/14/23 11:26	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/14/23 11:26	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/14/23 11:26	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/14/23 11:26	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/14/23 11:26	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/14/23 11:26	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/14/23 11:26	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/14/23 11:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/14/23 11:26	1
Toluene	0.20	U	0.20	0.042	ppb v/v			02/14/23 11:26	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/14/23 11:26	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/14/23 11:26	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/14/23 11:26	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/14/23 11:26	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/14/23 11:26	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/14/23 11:26	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/14/23 11:26	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/14/23 11:26	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/14/23 11:26	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/14/23 11:26	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188411/4
Matrix: Air
Analysis Batch: 188411

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.20	U	0.20	0.059	ppb v/v			02/14/23 11:26	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/14/23 11:26	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/14/23 11:26	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/14/23 11:26	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 11:26	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/14/23 11:26	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 11:26	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/14/23 11:26	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/14/23 11:26	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/14/23 11:26	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/14/23 11:26	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/14/23 11:26	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/14/23 11:26	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/14/23 11:26	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/14/23 11:26	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/14/23 11:26	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/14/23 11:26	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/14/23 11:26	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/14/23 11:26	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/14/23 11:26	1

Lab Sample ID: LCS 200-188411/3
Matrix: Air
Analysis Batch: 188411

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	58.2		ug/m3		118	61 - 142
Chlorodifluoromethane	35.4	43.2		ug/m3		122	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	79.4		ug/m3		114	71 - 141
Chloromethane	20.6	25.4		ug/m3		123	56 - 141
n-Butane	23.8	28.3		ug/m3		119	53 - 151
Vinyl chloride	25.6	28.1		ug/m3		110	61 - 135
1,3-Butadiene	22.1	24.1		ug/m3		109	58 - 139
Bromomethane	38.8	43.6		ug/m3		112	72 - 124
Chloroethane	26.4	31.2		ug/m3		118	68 - 130
Bromoethene(Vinyl Bromide)	43.7	49.1		ug/m3		112	75 - 125
Trichlorofluoromethane	56.2	62.3		ug/m3		111	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	83.8		ug/m3		109	70 - 121
1,1-Dichloroethene	39.6	42.0		ug/m3		106	68 - 120
Acetone	23.7	28.8		ug/m3		121	54 - 154
Isopropyl alcohol	24.6	27.9		ug/m3		113	53 - 142
Carbon disulfide	31.1	35.1		ug/m3		113	71 - 138
3-Chloropropene	31.3	33.5		ug/m3		107	50 - 150
Methylene Chloride	34.7	39.6		ug/m3		114	59 - 137
tert-Butyl alcohol	30.3	33.4		ug/m3		110	66 - 132
Methyl tert-butyl ether	36.0	39.6		ug/m3		110	70 - 127
trans-1,2-Dichloroethene	39.6	43.9		ug/m3		111	69 - 137
n-Hexane	35.2	38.7		ug/m3		110	63 - 138
1,1-Dichloroethane	40.5	43.6		ug/m3		108	66 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188411/3
Matrix: Air
Analysis Batch: 188411

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	32.5		ug/m3		110	72 - 124
cis-1,2-Dichloroethene	39.6	42.4		ug/m3		107	72 - 121
Chloroform	48.8	53.4		ug/m3		109	73 - 124
Tetrahydrofuran	29.5	35.7		ug/m3		121	60 - 149
1,1,1-Trichloroethane	54.6	62.5		ug/m3		114	72 - 127
Cyclohexane	34.4	38.8		ug/m3		113	76 - 124
Carbon tetrachloride	62.9	71.5		ug/m3		114	71 - 133
2,2,4-Trimethylpentane	46.7	53.1		ug/m3		114	68 - 131
Benzene	31.9	35.4		ug/m3		111	73 - 119
1,2-Dichloroethane	40.5	47.0		ug/m3		116	68 - 135
n-Heptane	41.0	47.8		ug/m3		117	60 - 142
Trichloroethene	53.7	59.9		ug/m3		111	73 - 122
Methyl methacrylate	40.9	47.5		ug/m3		116	73 - 129
1,2-Dichloropropane	46.2	50.9		ug/m3		110	69 - 128
1,4-Dioxane	36.0	40.7		ug/m3		113	66 - 129
Bromodichloromethane	67.0	75.9		ug/m3		113	75 - 127
cis-1,3-Dichloropropene	45.4	51.6		ug/m3		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	48.5		ug/m3		119	58 - 144
Toluene	37.7	41.2		ug/m3		109	75 - 122
trans-1,3-Dichloropropene	45.4	52.7		ug/m3		116	74 - 128
1,1,2-Trichloroethane	54.6	61.3		ug/m3		112	75 - 126
Tetrachloroethene	67.8	73.1		ug/m3		108	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	50.6		ug/m3		123	57 - 143
Dibromochloromethane	85.2	97.9		ug/m3		115	73 - 125
1,2-Dibromoethane	76.8	86.7		ug/m3		113	78 - 122
Chlorobenzene	46.0	50.4		ug/m3		110	76 - 119
Ethylbenzene	43.4	48.3		ug/m3		111	74 - 122
m,p-Xylene	86.8	95.8		ug/m3		110	76 - 121
o-Xylene	43.4	47.8		ug/m3		110	73 - 123
Styrene	42.6	49.5		ug/m3		116	74 - 125
Bromoform	103	122		ug/m3		119	53 - 149
Cumene	49.1	54.9		ug/m3		112	73 - 123
1,1,2,2-Tetrachloroethane	68.6	78.0		ug/m3		114	74 - 126
n-Propylbenzene	49.1	55.6		ug/m3		113	73 - 127
4-Ethyltoluene	49.2	56.4		ug/m3		115	75 - 129
1,3,5-Trimethylbenzene	49.2	55.7		ug/m3		113	72 - 126
2-Chlorotoluene	51.8	57.2		ug/m3		111	74 - 126
tert-Butylbenzene	54.9	61.6		ug/m3		112	71 - 125
1,2,4-Trimethylbenzene	49.2	56.6		ug/m3		115	71 - 129
sec-Butylbenzene	54.9	62.5		ug/m3		114	70 - 128
4-Isopropyltoluene	54.9	63.5		ug/m3		116	68 - 130
1,3-Dichlorobenzene	60.1	69.2		ug/m3		115	69 - 131
1,4-Dichlorobenzene	60.1	68.9		ug/m3		115	67 - 132
Benzyl chloride	51.8	63.2		ug/m3		122	60 - 136
n-Butylbenzene	54.9	65.1		ug/m3		119	65 - 137
1,2-Dichlorobenzene	60.1	68.1		ug/m3		113	68 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188411/3
Matrix: Air
Analysis Batch: 188411

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	82.0		ug/m3		111	50 - 150
Hexachlorobutadiene	107	117		ug/m3		110	58 - 130
Naphthalene	52.4	55.6		ug/m3		106	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	11.8		ppb v/v		118	61 - 142
Chlorodifluoromethane	10	12.2		ppb v/v		122	60 - 147
1,2-Dichlorotetrafluoroethane	10	11.4		ppb v/v		114	71 - 141
Chloromethane	10	12.3		ppb v/v		123	56 - 141
n-Butane	10	11.9		ppb v/v		119	53 - 151
Vinyl chloride	10	11.0		ppb v/v		110	61 - 135
1,3-Butadiene	10	10.9		ppb v/v		109	58 - 139
Bromomethane	10	11.2		ppb v/v		112	72 - 124
Chloroethane	10	11.8		ppb v/v		118	68 - 130
Bromoethene(Vinyl Bromide)	10	11.2		ppb v/v		112	75 - 125
Trichlorofluoromethane	10	11.1		ppb v/v		111	70 - 129
1,1,2-Trichlorotrifluoroethane	10	10.9		ppb v/v		109	70 - 121
1,1-Dichloroethene	10	10.6		ppb v/v		106	68 - 120
Acetone	10	12.1		ppb v/v		121	54 - 154
Isopropyl alcohol	10	11.3		ppb v/v		113	53 - 142
Carbon disulfide	10	11.3		ppb v/v		113	71 - 138
3-Chloropropene	10	10.7		ppb v/v		107	50 - 150
Methylene Chloride	10	11.4		ppb v/v		114	59 - 137
tert-Butyl alcohol	10	11.0		ppb v/v		110	66 - 132
Methyl tert-butyl ether	10	11.0		ppb v/v		110	70 - 127
trans-1,2-Dichloroethene	10	11.1		ppb v/v		111	69 - 137
n-Hexane	10	11.0		ppb v/v		110	63 - 138
1,1-Dichloroethane	10	10.8		ppb v/v		108	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	11.0		ppb v/v		110	72 - 124
cis-1,2-Dichloroethene	10	10.7		ppb v/v		107	72 - 121
Chloroform	10	10.9		ppb v/v		109	73 - 124
Tetrahydrofuran	10	12.1		ppb v/v		121	60 - 149
1,1,1-Trichloroethane	10	11.4		ppb v/v		114	72 - 127
Cyclohexane	10	11.3		ppb v/v		113	76 - 124
Carbon tetrachloride	10	11.4		ppb v/v		114	71 - 133
2,2,4-Trimethylpentane	10	11.4		ppb v/v		114	68 - 131
Benzene	10	11.1		ppb v/v		111	73 - 119
1,2-Dichloroethane	10	11.6		ppb v/v		116	68 - 135
n-Heptane	10	11.7		ppb v/v		117	60 - 142
Trichloroethene	10	11.1		ppb v/v		111	73 - 122
Methyl methacrylate	10	11.6		ppb v/v		116	73 - 129
1,2-Dichloropropane	10	11.0		ppb v/v		110	69 - 128
1,4-Dioxane	10	11.3		ppb v/v		113	66 - 129
Bromodichloromethane	10	11.3		ppb v/v		113	75 - 127
cis-1,3-Dichloropropene	10	11.4		ppb v/v		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.9		ppb v/v		119	58 - 144
Toluene	10	10.9		ppb v/v		109	75 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188411/3
Matrix: Air
Analysis Batch: 188411

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	10	11.6		ppb v/v		116	74 - 128
1,1,2-Trichloroethane	10	11.2		ppb v/v		112	75 - 126
Tetrachloroethene	10	10.8		ppb v/v		108	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	12.3		ppb v/v		123	57 - 143
Dibromochloromethane	10	11.5		ppb v/v		115	73 - 125
1,2-Dibromoethane	10	11.3		ppb v/v		113	78 - 122
Chlorobenzene	10	11.0		ppb v/v		110	76 - 119
Ethylbenzene	10	11.1		ppb v/v		111	74 - 122
m,p-Xylene	20	22.1		ppb v/v		110	76 - 121
o-Xylene	10	11.0		ppb v/v		110	73 - 123
Styrene	10	11.6		ppb v/v		116	74 - 125
Bromoform	10	11.8		ppb v/v		119	53 - 149
Cumene	10	11.2		ppb v/v		112	73 - 123
1,1,2,2-Tetrachloroethane	10	11.4		ppb v/v		114	74 - 126
n-Propylbenzene	10	11.3		ppb v/v		113	73 - 127
4-Ethyltoluene	10	11.5		ppb v/v		115	75 - 129
1,3,5-Trimethylbenzene	10	11.3		ppb v/v		113	72 - 126
2-Chlorotoluene	10	11.0		ppb v/v		111	74 - 126
tert-Butylbenzene	10	11.2		ppb v/v		112	71 - 125
1,2,4-Trimethylbenzene	10	11.5		ppb v/v		115	71 - 129
sec-Butylbenzene	10	11.4		ppb v/v		114	70 - 128
4-Isopropyltoluene	10	11.6		ppb v/v		116	68 - 130
1,3-Dichlorobenzene	10	11.5		ppb v/v		115	69 - 131
1,4-Dichlorobenzene	10	11.5		ppb v/v		115	67 - 132
Benzyl chloride	10	12.2		ppb v/v		122	60 - 136
n-Butylbenzene	10	11.9		ppb v/v		119	65 - 137
1,2-Dichlorobenzene	10	11.3		ppb v/v		113	68 - 129
1,2,4-Trichlorobenzene	10	11.1		ppb v/v		111	50 - 150
Hexachlorobutadiene	10	11.0		ppb v/v		110	58 - 130
Naphthalene	10	10.6		ppb v/v		106	50 - 150

Lab Sample ID: MB 200-188462/5
Matrix: Air
Analysis Batch: 188462

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			02/15/23 11:43	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			02/15/23 11:43	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/15/23 11:43	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			02/15/23 11:43	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/15/23 11:43	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/15/23 11:43	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/15/23 11:43	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/15/23 11:43	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/15/23 11:43	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/15/23 11:43	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			02/15/23 11:43	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/15/23 11:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188462/5
Matrix: Air
Analysis Batch: 188462

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/15/23 11:43	1
Acetone	12	U	12	3.8	ug/m3			02/15/23 11:43	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/15/23 11:43	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/15/23 11:43	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/15/23 11:43	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/15/23 11:43	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/15/23 11:43	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/15/23 11:43	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/15/23 11:43	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/15/23 11:43	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/15/23 11:43	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/15/23 11:43	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/15/23 11:43	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/15/23 11:43	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/15/23 11:43	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/15/23 11:43	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/15/23 11:43	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/15/23 11:43	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/15/23 11:43	1
Benzene	0.64	U	0.64	0.14	ug/m3			02/15/23 11:43	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/15/23 11:43	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/15/23 11:43	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/15/23 11:43	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/15/23 11:43	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/15/23 11:43	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/15/23 11:43	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/15/23 11:43	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/15/23 11:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/15/23 11:43	1
Toluene	0.75	U	0.75	0.16	ug/m3			02/15/23 11:43	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/15/23 11:43	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/15/23 11:43	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/15/23 11:43	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/15/23 11:43	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/15/23 11:43	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/15/23 11:43	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/15/23 11:43	1
Ethylbenzene	0.249	J	0.87	0.23	ug/m3			02/15/23 11:43	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/15/23 11:43	1
o-Xylene	0.246	J	0.87	0.23	ug/m3			02/15/23 11:43	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/15/23 11:43	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/15/23 11:43	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/15/23 11:43	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/15/23 11:43	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 11:43	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/15/23 11:43	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/15/23 11:43	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/15/23 11:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188462/5
Matrix: Air
Analysis Batch: 188462

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/15/23 11:43	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/15/23 11:43	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/15/23 11:43	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/15/23 11:43	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/15/23 11:43	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/15/23 11:43	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/15/23 11:43	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/15/23 11:43	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/15/23 11:43	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/15/23 11:43	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/15/23 11:43	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/15/23 11:43	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			02/15/23 11:43	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			02/15/23 11:43	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/15/23 11:43	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			02/15/23 11:43	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/15/23 11:43	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/15/23 11:43	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/15/23 11:43	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/15/23 11:43	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/15/23 11:43	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/15/23 11:43	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 11:43	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/15/23 11:43	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/15/23 11:43	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/15/23 11:43	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/15/23 11:43	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/15/23 11:43	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/15/23 11:43	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/15/23 11:43	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/15/23 11:43	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/15/23 11:43	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/15/23 11:43	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/15/23 11:43	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/15/23 11:43	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/15/23 11:43	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/15/23 11:43	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/15/23 11:43	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/15/23 11:43	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/15/23 11:43	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/15/23 11:43	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			02/15/23 11:43	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/15/23 11:43	1
Benzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 11:43	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/15/23 11:43	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/15/23 11:43	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/15/23 11:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188462/5
Matrix: Air
Analysis Batch: 188462

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/15/23 11:43	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/15/23 11:43	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/15/23 11:43	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/15/23 11:43	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/15/23 11:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/15/23 11:43	1
Toluene	0.20	U	0.20	0.042	ppb v/v			02/15/23 11:43	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/15/23 11:43	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/15/23 11:43	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/15/23 11:43	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/15/23 11:43	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/15/23 11:43	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/15/23 11:43	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/15/23 11:43	1
Ethylbenzene	0.0574	J	0.20	0.052	ppb v/v			02/15/23 11:43	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/15/23 11:43	1
o-Xylene	0.0565	J	0.20	0.052	ppb v/v			02/15/23 11:43	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/15/23 11:43	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/15/23 11:43	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/15/23 11:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/15/23 11:43	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 11:43	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/15/23 11:43	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 11:43	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/15/23 11:43	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/15/23 11:43	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/15/23 11:43	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/15/23 11:43	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/15/23 11:43	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/15/23 11:43	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/15/23 11:43	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/15/23 11:43	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/15/23 11:43	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/15/23 11:43	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/15/23 11:43	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/15/23 11:43	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/15/23 11:43	1

Lab Sample ID: LCS 200-188462/4
Matrix: Air
Analysis Batch: 188462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	54.4		ug/m3		110	61 - 142
Chlorodifluoromethane	35.4	38.0		ug/m3		107	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	72.0		ug/m3		103	71 - 141
Chloromethane	20.6	20.3		ug/m3		98	56 - 141
n-Butane	23.8	25.7		ug/m3		108	53 - 151

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188462/4
Matrix: Air
Analysis Batch: 188462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.6	23.2		ug/m3		91	61 - 135
1,3-Butadiene	22.1	21.2		ug/m3		96	58 - 139
Bromomethane	38.8	37.0		ug/m3		95	72 - 124
Chloroethane	26.4	24.8		ug/m3		94	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.7		ug/m3		98	75 - 125
Trichlorofluoromethane	56.2	58.1		ug/m3		103	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	75.1		ug/m3		98	70 - 121
1,1-Dichloroethene	39.6	35.8		ug/m3		90	68 - 120
Acetone	23.7	27.8		ug/m3		117	54 - 154
Isopropyl alcohol	24.6	28.6		ug/m3		116	53 - 142
Carbon disulfide	31.1	30.7		ug/m3		99	71 - 138
3-Chloropropene	31.3	30.3		ug/m3		97	50 - 150
Methylene Chloride	34.7	34.6		ug/m3		100	59 - 137
tert-Butyl alcohol	30.3	35.5		ug/m3		117	66 - 132
Methyl tert-butyl ether	36.0	37.2		ug/m3		103	70 - 127
trans-1,2-Dichloroethene	39.6	37.6		ug/m3		95	69 - 137
n-Hexane	35.2	34.7		ug/m3		98	63 - 138
1,1-Dichloroethane	40.5	39.1		ug/m3		97	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	29.0		ug/m3		98	72 - 124
cis-1,2-Dichloroethene	39.6	35.6		ug/m3		90	72 - 121
Chloroform	48.8	47.2		ug/m3		97	73 - 124
Tetrahydrofuran	29.5	34.1		ug/m3		116	60 - 149
1,1,1-Trichloroethane	54.6	57.2		ug/m3		105	72 - 127
Cyclohexane	34.4	33.0		ug/m3		96	76 - 124
Carbon tetrachloride	62.9	69.3		ug/m3		110	71 - 133
2,2,4-Trimethylpentane	46.7	46.7		ug/m3		100	68 - 131
Benzene	31.9	28.9		ug/m3		91	73 - 119
1,2-Dichloroethane	40.5	42.8		ug/m3		106	68 - 135
n-Heptane	41.0	42.8		ug/m3		105	60 - 142
Trichloroethene	53.7	52.2		ug/m3		97	73 - 122
Methyl methacrylate	40.9	39.2		ug/m3		96	73 - 129
1,2-Dichloropropane	46.2	41.4		ug/m3		90	69 - 128
1,4-Dioxane	36.0	38.6		ug/m3		107	66 - 129
Bromodichloromethane	67.0	68.0		ug/m3		101	75 - 127
cis-1,3-Dichloropropene	45.4	43.2		ug/m3		95	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	43.7		ug/m3		107	58 - 144
Toluene	37.7	35.5		ug/m3		94	75 - 122
trans-1,3-Dichloropropene	45.4	45.7		ug/m3		101	74 - 128
1,1,2-Trichloroethane	54.6	50.9		ug/m3		93	75 - 126
Tetrachloroethene	67.8	64.4		ug/m3		95	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	45.7		ug/m3		112	57 - 143
Dibromochloromethane	85.2	84.9		ug/m3		100	73 - 125
1,2-Dibromoethane	76.8	73.8		ug/m3		96	78 - 122
Chlorobenzene	46.0	43.9		ug/m3		95	76 - 119
Ethylbenzene	43.4	42.7		ug/m3		98	74 - 122
m,p-Xylene	86.8	91.2		ug/m3		105	76 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188462/4
Matrix: Air
Analysis Batch: 188462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	43.4	43.2		ug/m3		100	73 - 123
Styrene	42.6	47.5		ug/m3		111	74 - 125
Bromoform	103	106		ug/m3		102	53 - 149
Cumene	49.1	52.3		ug/m3		106	73 - 123
1,1,2,2-Tetrachloroethane	68.6	64.6		ug/m3		94	74 - 126
n-Propylbenzene	49.1	51.6		ug/m3		105	73 - 127
4-Ethyltoluene	49.2	52.5		ug/m3		107	75 - 129
1,3,5-Trimethylbenzene	49.2	52.9		ug/m3		108	72 - 126
2-Chlorotoluene	51.8	54.9		ug/m3		106	74 - 126
tert-Butylbenzene	54.9	57.1		ug/m3		104	71 - 125
1,2,4-Trimethylbenzene	49.2	52.3		ug/m3		106	71 - 129
sec-Butylbenzene	54.9	56.1		ug/m3		102	70 - 128
4-Isopropyltoluene	54.9	57.6		ug/m3		105	68 - 130
1,3-Dichlorobenzene	60.1	63.5		ug/m3		106	69 - 131
1,4-Dichlorobenzene	60.1	63.6		ug/m3		106	67 - 132
Benzyl chloride	51.8	57.0		ug/m3		110	60 - 136
n-Butylbenzene	54.9	57.3		ug/m3		104	65 - 137
1,2-Dichlorobenzene	60.1	63.5		ug/m3		106	68 - 129
1,2,4-Trichlorobenzene	74.2	94.7		ug/m3		128	50 - 150
Hexachlorobutadiene	107	123		ug/m3		115	58 - 130
Naphthalene	52.4	73.0		ug/m3		139	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	11.0		ppb v/v		110	61 - 142
Chlorodifluoromethane	10	10.7		ppb v/v		107	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.3		ppb v/v		103	71 - 141
Chloromethane	10	9.84		ppb v/v		98	56 - 141
n-Butane	10	10.8		ppb v/v		108	53 - 151
Vinyl chloride	10	9.06		ppb v/v		91	61 - 135
1,3-Butadiene	10	9.60		ppb v/v		96	58 - 139
Bromomethane	10	9.52		ppb v/v		95	72 - 124
Chloroethane	10	9.42		ppb v/v		94	68 - 130
Bromoethene(Vinyl Bromide)	10	9.76		ppb v/v		98	75 - 125
Trichlorofluoromethane	10	10.3		ppb v/v		103	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.81		ppb v/v		98	70 - 121
1,1-Dichloroethene	10	9.04		ppb v/v		90	68 - 120
Acetone	10	11.7		ppb v/v		117	54 - 154
Isopropyl alcohol	10	11.6		ppb v/v		116	53 - 142
Carbon disulfide	10	9.87		ppb v/v		99	71 - 138
3-Chloropropene	10	9.69		ppb v/v		97	50 - 150
Methylene Chloride	10	9.95		ppb v/v		100	59 - 137
tert-Butyl alcohol	10	11.7		ppb v/v		117	66 - 132
Methyl tert-butyl ether	10	10.3		ppb v/v		103	70 - 127
trans-1,2-Dichloroethene	10	9.49		ppb v/v		95	69 - 137
n-Hexane	10	9.83		ppb v/v		98	63 - 138
1,1-Dichloroethane	10	9.65		ppb v/v		97	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.82		ppb v/v		98	72 - 124
cis-1,2-Dichloroethene	10	8.97		ppb v/v		90	72 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188462/4
Matrix: Air
Analysis Batch: 188462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	10	9.67		ppb v/v		97	73 - 124
Tetrahydrofuran	10	11.6		ppb v/v		116	60 - 149
1,1,1-Trichloroethane	10	10.5		ppb v/v		105	72 - 127
Cyclohexane	10	9.59		ppb v/v		96	76 - 124
Carbon tetrachloride	10	11.0		ppb v/v		110	71 - 133
2,2,4-Trimethylpentane	10	9.99		ppb v/v		100	68 - 131
Benzene	10	9.06		ppb v/v		91	73 - 119
1,2-Dichloroethane	10	10.6		ppb v/v		106	68 - 135
n-Heptane	10	10.5		ppb v/v		105	60 - 142
Trichloroethene	10	9.71		ppb v/v		97	73 - 122
Methyl methacrylate	10	9.58		ppb v/v		96	73 - 129
1,2-Dichloropropane	10	8.95		ppb v/v		90	69 - 128
1,4-Dioxane	10	10.7		ppb v/v		107	66 - 129
Bromodichloromethane	10	10.1		ppb v/v		101	75 - 127
cis-1,3-Dichloropropene	10	9.51		ppb v/v		95	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.7		ppb v/v		107	58 - 144
Toluene	10	9.43		ppb v/v		94	75 - 122
trans-1,3-Dichloropropene	10	10.1		ppb v/v		101	74 - 128
1,1,2-Trichloroethane	10	9.32		ppb v/v		93	75 - 126
Tetrachloroethene	10	9.50		ppb v/v		95	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.2		ppb v/v		112	57 - 143
Dibromochloromethane	10	9.97		ppb v/v		100	73 - 125
1,2-Dibromoethane	10	9.61		ppb v/v		96	78 - 122
Chlorobenzene	10	9.54		ppb v/v		95	76 - 119
Ethylbenzene	10	9.82		ppb v/v		98	74 - 122
m,p-Xylene	20	21.0		ppb v/v		105	76 - 121
o-Xylene	10	9.96		ppb v/v		100	73 - 123
Styrene	10	11.1		ppb v/v		111	74 - 125
Bromoform	10	10.2		ppb v/v		102	53 - 149
Cumene	10	10.6		ppb v/v		106	73 - 123
1,1,2,2-Tetrachloroethane	10	9.41		ppb v/v		94	74 - 126
n-Propylbenzene	10	10.5		ppb v/v		105	73 - 127
4-Ethyltoluene	10	10.7		ppb v/v		107	75 - 129
1,3,5-Trimethylbenzene	10	10.8		ppb v/v		108	72 - 126
2-Chlorotoluene	10	10.6		ppb v/v		106	74 - 126
tert-Butylbenzene	10	10.4		ppb v/v		104	71 - 125
1,2,4-Trimethylbenzene	10	10.6		ppb v/v		106	71 - 129
sec-Butylbenzene	10	10.2		ppb v/v		102	70 - 128
4-Isopropyltoluene	10	10.5		ppb v/v		105	68 - 130
1,3-Dichlorobenzene	10	10.6		ppb v/v		106	69 - 131
1,4-Dichlorobenzene	10	10.6		ppb v/v		106	67 - 132
Benzyl chloride	10	11.0		ppb v/v		110	60 - 136
n-Butylbenzene	10	10.4		ppb v/v		104	65 - 137
1,2-Dichlorobenzene	10	10.6		ppb v/v		106	68 - 129
1,2,4-Trichlorobenzene	10	12.8		ppb v/v		128	50 - 150
Hexachlorobutadiene	10	11.5		ppb v/v		115	58 - 130
Naphthalene	10	13.9		ppb v/v		139	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188510/4
Matrix: Air
Analysis Batch: 188510

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			02/16/23 12:24	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			02/16/23 12:24	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/16/23 12:24	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			02/16/23 12:24	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/16/23 12:24	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/16/23 12:24	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/16/23 12:24	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			02/16/23 12:24	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			02/16/23 12:24	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			02/16/23 12:24	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			02/16/23 12:24	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/16/23 12:24	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			02/16/23 12:24	1
Acetone	12	U	12	3.8	ug/m3			02/16/23 12:24	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/16/23 12:24	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			02/16/23 12:24	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/16/23 12:24	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/16/23 12:24	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/16/23 12:24	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/16/23 12:24	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/16/23 12:24	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/16/23 12:24	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/16/23 12:24	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			02/16/23 12:24	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/16/23 12:24	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/16/23 12:24	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/16/23 12:24	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/16/23 12:24	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			02/16/23 12:24	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/16/23 12:24	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/16/23 12:24	1
Benzene	0.64	U	0.64	0.14	ug/m3			02/16/23 12:24	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/16/23 12:24	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/16/23 12:24	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			02/16/23 12:24	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			02/16/23 12:24	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/16/23 12:24	1
1,4-Dioxane	18	U	18	4.7	ug/m3			02/16/23 12:24	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/16/23 12:24	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/16/23 12:24	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			02/16/23 12:24	1
Toluene	0.75	U	0.75	0.16	ug/m3			02/16/23 12:24	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/16/23 12:24	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/16/23 12:24	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/16/23 12:24	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			02/16/23 12:24	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			02/16/23 12:24	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/16/23 12:24	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188510/4
Matrix: Air
Analysis Batch: 188510

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/16/23 12:24	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/16/23 12:24	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/16/23 12:24	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/16/23 12:24	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/16/23 12:24	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/16/23 12:24	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/16/23 12:24	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/16/23 12:24	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/16/23 12:24	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/16/23 12:24	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/16/23 12:24	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/16/23 12:24	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/16/23 12:24	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/16/23 12:24	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/16/23 12:24	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			02/16/23 12:24	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			02/16/23 12:24	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/16/23 12:24	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/16/23 12:24	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/16/23 12:24	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/16/23 12:24	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			02/16/23 12:24	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/16/23 12:24	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			02/16/23 12:24	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			02/16/23 12:24	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			02/16/23 12:24	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			02/16/23 12:24	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			02/16/23 12:24	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			02/16/23 12:24	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			02/16/23 12:24	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			02/16/23 12:24	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			02/16/23 12:24	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			02/16/23 12:24	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			02/16/23 12:24	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			02/16/23 12:24	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			02/16/23 12:24	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			02/16/23 12:24	1
Acetone	5.0	U	5.0	1.6	ppb v/v			02/16/23 12:24	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			02/16/23 12:24	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			02/16/23 12:24	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			02/16/23 12:24	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			02/16/23 12:24	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			02/16/23 12:24	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			02/16/23 12:24	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			02/16/23 12:24	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			02/16/23 12:24	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			02/16/23 12:24	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188510/4
Matrix: Air
Analysis Batch: 188510

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			02/16/23 12:24	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			02/16/23 12:24	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			02/16/23 12:24	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			02/16/23 12:24	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			02/16/23 12:24	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			02/16/23 12:24	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			02/16/23 12:24	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			02/16/23 12:24	1
Benzene	0.20	U	0.20	0.044	ppb v/v			02/16/23 12:24	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			02/16/23 12:24	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			02/16/23 12:24	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			02/16/23 12:24	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			02/16/23 12:24	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			02/16/23 12:24	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			02/16/23 12:24	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			02/16/23 12:24	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			02/16/23 12:24	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			02/16/23 12:24	1
Toluene	0.20	U	0.20	0.042	ppb v/v			02/16/23 12:24	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			02/16/23 12:24	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			02/16/23 12:24	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			02/16/23 12:24	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			02/16/23 12:24	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			02/16/23 12:24	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			02/16/23 12:24	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			02/16/23 12:24	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			02/16/23 12:24	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			02/16/23 12:24	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			02/16/23 12:24	1
Styrene	0.20	U	0.20	0.059	ppb v/v			02/16/23 12:24	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			02/16/23 12:24	1
Cumene	0.20	U	0.20	0.041	ppb v/v			02/16/23 12:24	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			02/16/23 12:24	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			02/16/23 12:24	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			02/16/23 12:24	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			02/16/23 12:24	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			02/16/23 12:24	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			02/16/23 12:24	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			02/16/23 12:24	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			02/16/23 12:24	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			02/16/23 12:24	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			02/16/23 12:24	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			02/16/23 12:24	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			02/16/23 12:24	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			02/16/23 12:24	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			02/16/23 12:24	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			02/16/23 12:24	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			02/16/23 12:24	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-188510/4
Matrix: Air
Analysis Batch: 188510

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.30	ppb v/v			02/16/23 12:24	1

Lab Sample ID: LCS 200-188510/3
Matrix: Air
Analysis Batch: 188510

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	53.4		ug/m3		108	61 - 142
Chlorodifluoromethane	35.4	36.7		ug/m3		104	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	75.8		ug/m3		109	71 - 141
Chloromethane	20.6	20.2		ug/m3		98	56 - 141
n-Butane	23.8	24.9		ug/m3		105	53 - 151
Vinyl chloride	25.6	23.9		ug/m3		94	61 - 135
1,3-Butadiene	22.1	22.7		ug/m3		103	58 - 139
Bromomethane	38.8	45.3		ug/m3		117	72 - 124
Chloroethane	26.4	31.2		ug/m3		118	68 - 130
Bromoethene(Vinyl Bromide)	43.7	48.0		ug/m3		110	75 - 125
Trichlorofluoromethane	56.2	60.1		ug/m3		107	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	77.2		ug/m3		101	70 - 121
1,1-Dichloroethene	39.6	36.3		ug/m3		91	68 - 120
Acetone	23.7	23.9		ug/m3		101	54 - 154
Isopropyl alcohol	24.6	22.4		ug/m3		91	53 - 142
Carbon disulfide	31.1	30.7		ug/m3		99	71 - 138
3-Chloropropene	31.3	27.0		ug/m3		86	50 - 150
Methylene Chloride	34.7	33.9		ug/m3		98	59 - 137
tert-Butyl alcohol	30.3	28.7		ug/m3		95	66 - 132
Methyl tert-butyl ether	36.0	36.5		ug/m3		101	70 - 127
trans-1,2-Dichloroethene	39.6	37.6		ug/m3		95	69 - 137
n-Hexane	35.2	34.7		ug/m3		98	63 - 138
1,1-Dichloroethane	40.5	37.8		ug/m3		93	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	27.9		ug/m3		95	72 - 124
cis-1,2-Dichloroethene	39.6	38.1		ug/m3		96	72 - 121
Chloroform	48.8	49.0		ug/m3		100	73 - 124
Tetrahydrofuran	29.5	27.6		ug/m3		94	60 - 149
1,1,1-Trichloroethane	54.6	56.3		ug/m3		103	72 - 127
Cyclohexane	34.4	34.1		ug/m3		99	76 - 124
Carbon tetrachloride	62.9	62.2		ug/m3		99	71 - 133
2,2,4-Trimethylpentane	46.7	45.1		ug/m3		96	68 - 131
Benzene	31.9	31.6		ug/m3		99	73 - 119
1,2-Dichloroethane	40.5	39.5		ug/m3		98	68 - 135
n-Heptane	41.0	39.7		ug/m3		97	60 - 142
Trichloroethene	53.7	52.2		ug/m3		97	73 - 122
Methyl methacrylate	40.9	40.7		ug/m3		100	73 - 129
1,2-Dichloropropane	46.2	45.3		ug/m3		98	69 - 128
1,4-Dioxane	36.0	30.1		ug/m3		83	66 - 129
Bromodichloromethane	67.0	69.4		ug/m3		104	75 - 127
cis-1,3-Dichloropropene	45.4	48.8		ug/m3		108	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188510/3
Matrix: Air
Analysis Batch: 188510

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	38.1		ug/m3		93	58 - 144
Toluene	37.7	36.5		ug/m3		97	75 - 122
trans-1,3-Dichloropropene	45.4	51.3		ug/m3		113	74 - 128
1,1,2-Trichloroethane	54.6	51.5		ug/m3		94	75 - 126
Tetrachloroethene	67.8	62.3		ug/m3		92	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	37.7		ug/m3		92	57 - 143
Dibromochloromethane	85.2	88.2		ug/m3		104	73 - 125
1,2-Dibromoethane	76.8	76.2		ug/m3		99	78 - 122
Chlorobenzene	46.0	45.9		ug/m3		100	76 - 119
Ethylbenzene	43.4	43.4		ug/m3		100	74 - 122
m,p-Xylene	86.8	86.8		ug/m3		100	76 - 121
o-Xylene	43.4	42.5		ug/m3		98	73 - 123
Styrene	42.6	44.0		ug/m3		103	74 - 125
Bromoform	103	114		ug/m3		110	53 - 149
Cumene	49.1	48.1		ug/m3		98	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.0		ug/m3		95	74 - 126
n-Propylbenzene	49.1	49.1		ug/m3		100	73 - 127
4-Ethyltoluene	49.2	49.5		ug/m3		101	75 - 129
1,3,5-Trimethylbenzene	49.2	47.2		ug/m3		96	72 - 126
2-Chlorotoluene	51.8	51.9		ug/m3		100	74 - 126
tert-Butylbenzene	54.9	52.4		ug/m3		96	71 - 125
1,2,4-Trimethylbenzene	49.2	46.6		ug/m3		95	71 - 129
sec-Butylbenzene	54.9	52.1		ug/m3		95	70 - 128
4-Isopropyltoluene	54.9	52.7		ug/m3		96	68 - 130
1,3-Dichlorobenzene	60.1	60.6		ug/m3		101	69 - 131
1,4-Dichlorobenzene	60.1	60.9		ug/m3		101	67 - 132
Benzyl chloride	51.8	58.8		ug/m3		114	60 - 136
n-Butylbenzene	54.9	53.6		ug/m3		98	65 - 137
1,2-Dichlorobenzene	60.1	58.5		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74.2	75.4		ug/m3		102	50 - 150
Hexachlorobutadiene	107	109		ug/m3		102	58 - 130
Naphthalene	52.4	52.9		ug/m3		101	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	10.8		ppb v/v		108	61 - 142
Chlorodifluoromethane	10	10.4		ppb v/v		104	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.8		ppb v/v		109	71 - 141
Chloromethane	10	9.77		ppb v/v		98	56 - 141
n-Butane	10	10.5		ppb v/v		105	53 - 151
Vinyl chloride	10	9.35		ppb v/v		94	61 - 135
1,3-Butadiene	10	10.3		ppb v/v		103	58 - 139
Bromomethane	10	11.7		ppb v/v		117	72 - 124
Chloroethane	10	11.8		ppb v/v		118	68 - 130
Bromoethene(Vinyl Bromide)	10	11.0		ppb v/v		110	75 - 125
Trichlorofluoromethane	10	10.7		ppb v/v		107	70 - 129
1,1,2-Trichlorotrifluoroethane	10	10.1		ppb v/v		101	70 - 121
1,1-Dichloroethene	10	9.15		ppb v/v		91	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188510/3
Matrix: Air
Analysis Batch: 188510

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	10.1		ppb v/v		101	54 - 154
Isopropyl alcohol	10	9.11		ppb v/v		91	53 - 142
Carbon disulfide	10	9.87		ppb v/v		99	71 - 138
3-Chloropropene	10	8.63		ppb v/v		86	50 - 150
Methylene Chloride	10	9.77		ppb v/v		98	59 - 137
tert-Butyl alcohol	10	9.48		ppb v/v		95	66 - 132
Methyl tert-butyl ether	10	10.1		ppb v/v		101	70 - 127
trans-1,2-Dichloroethene	10	9.50		ppb v/v		95	69 - 137
n-Hexane	10	9.84		ppb v/v		98	63 - 138
1,1-Dichloroethane	10	9.33		ppb v/v		93	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.47		ppb v/v		95	72 - 124
cis-1,2-Dichloroethene	10	9.61		ppb v/v		96	72 - 121
Chloroform	10	10.0		ppb v/v		100	73 - 124
Tetrahydrofuran	10	9.37		ppb v/v		94	60 - 149
1,1,1-Trichloroethane	10	10.3		ppb v/v		103	72 - 127
Cyclohexane	10	9.90		ppb v/v		99	76 - 124
Carbon tetrachloride	10	9.88		ppb v/v		99	71 - 133
2,2,4-Trimethylpentane	10	9.64		ppb v/v		96	68 - 131
Benzene	10	9.88		ppb v/v		99	73 - 119
1,2-Dichloroethane	10	9.75		ppb v/v		98	68 - 135
n-Heptane	10	9.68		ppb v/v		97	60 - 142
Trichloroethene	10	9.72		ppb v/v		97	73 - 122
Methyl methacrylate	10	9.95		ppb v/v		100	73 - 129
1,2-Dichloropropane	10	9.80		ppb v/v		98	69 - 128
1,4-Dioxane	10	8.34		ppb v/v		83	66 - 129
Bromodichloromethane	10	10.4		ppb v/v		104	75 - 127
cis-1,3-Dichloropropene	10	10.8		ppb v/v		108	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.29		ppb v/v		93	58 - 144
Toluene	10	9.68		ppb v/v		97	75 - 122
trans-1,3-Dichloropropene	10	11.3		ppb v/v		113	74 - 128
1,1,2-Trichloroethane	10	9.44		ppb v/v		94	75 - 126
Tetrachloroethene	10	9.19		ppb v/v		92	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	9.19		ppb v/v		92	57 - 143
Dibromochloromethane	10	10.4		ppb v/v		104	73 - 125
1,2-Dibromoethane	10	9.92		ppb v/v		99	78 - 122
Chlorobenzene	10	9.97		ppb v/v		100	76 - 119
Ethylbenzene	10	10.0		ppb v/v		100	74 - 122
m,p-Xylene	20	20.0		ppb v/v		100	76 - 121
o-Xylene	10	9.80		ppb v/v		98	73 - 123
Styrene	10	10.3		ppb v/v		103	74 - 125
Bromoform	10	11.0		ppb v/v		110	53 - 149
Cumene	10	9.78		ppb v/v		98	73 - 123
1,1,2,2-Tetrachloroethane	10	9.46		ppb v/v		95	74 - 126
n-Propylbenzene	10	10.0		ppb v/v		100	73 - 127
4-Ethyltoluene	10	10.1		ppb v/v		101	75 - 129
1,3,5-Trimethylbenzene	10	9.59		ppb v/v		96	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-188510/3
Matrix: Air
Analysis Batch: 188510

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	10.0		ppb v/v		100	74 - 126
tert-Butylbenzene	10	9.55		ppb v/v		96	71 - 125
1,2,4-Trimethylbenzene	10	9.47		ppb v/v		95	71 - 129
sec-Butylbenzene	10	9.49		ppb v/v		95	70 - 128
4-Isopropyltoluene	10	9.60		ppb v/v		96	68 - 130
1,3-Dichlorobenzene	10	10.1		ppb v/v		101	69 - 131
1,4-Dichlorobenzene	10	10.1		ppb v/v		101	67 - 132
Benzyl chloride	10	11.4		ppb v/v		114	60 - 136
n-Butylbenzene	10	9.76		ppb v/v		98	65 - 137
1,2-Dichlorobenzene	10	9.72		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	10	10.2		ppb v/v		102	50 - 150
Hexachlorobutadiene	10	10.2		ppb v/v		102	58 - 130
Naphthalene	10	10.1		ppb v/v		101	50 - 150

Air - GC/MS VOA

Analysis Batch: 188367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-66741-1	EW-1	Total/NA	Air	TO-15	
200-66741-2	IA-1	Total/NA	Air	TO-15	
200-66741-3	EW-2	Total/NA	Air	TO-15	
200-66741-4	IA-2	Total/NA	Air	TO-15	
200-66741-6	IA-3	Total/NA	Air	TO-15	
200-66741-7	EW-4	Total/NA	Air	TO-15	
200-66741-8	IA-4	Total/NA	Air	TO-15	
200-66741-9	EW-5	Total/NA	Air	TO-15	
200-66741-10	IA-5	Total/NA	Air	TO-15	
200-66741-11	EW-5D	Total/NA	Air	TO-15	
200-66741-12	IA-5D	Total/NA	Air	TO-15	
MB 200-188367/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-188367/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 188411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-66741-13	EW-6	Total/NA	Air	TO-15	
200-66741-14	IA-6	Total/NA	Air	TO-15	
200-66741-15	EW-7	Total/NA	Air	TO-15	
200-66741-16	IA-7	Total/NA	Air	TO-15	
200-66741-17	EW-8	Total/NA	Air	TO-15	
200-66741-18	IA-8	Total/NA	Air	TO-15	
200-66741-19	IA-9	Total/NA	Air	TO-15	
200-66741-20	IA-10	Total/NA	Air	TO-15	
200-66741-21	OA-1	Total/NA	Air	TO-15	
200-66741-22	OA-2	Total/NA	Air	TO-15	
200-66741-24	OA-2DB	Total/NA	Air	TO-15	
200-66741-25	OA-3	Total/NA	Air	TO-15	
MB 200-188411/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-188411/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 188462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-66741-26	B-1	Total/NA	Air	TO-15	
200-66741-27	B-2	Total/NA	Air	TO-15	
200-66741-30	EW-3B	Total/NA	Air	TO-15	
MB 200-188462/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-188462/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 188510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-66741-28	B-3	Total/NA	Air	TO-15	
200-66741-29	B-3D	Total/NA	Air	TO-15	
MB 200-188510/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-188510/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: EW-1
Lab Sample ID: 200-66741-1
Date Collected: 01/28/23 18:43
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 17:36

Client Sample ID: IA-1
Lab Sample ID: 200-66741-2
Date Collected: 01/28/23 17:12
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 18:28

Client Sample ID: EW-2
Lab Sample ID: 200-66741-3
Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 19:21

Client Sample ID: IA-2
Lab Sample ID: 200-66741-4
Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 20:14

Client Sample ID: IA-3
Lab Sample ID: 200-66741-6
Date Collected: 01/28/23 18:03
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 21:07

Client Sample ID: EW-4
Lab Sample ID: 200-66741-7
Date Collected: 01/28/23 18:13
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 22:00

Client Sample ID: IA-4
Lab Sample ID: 200-66741-8
Date Collected: 01/28/23 18:14
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 22:53

Client Sample ID: EW-5
Lab Sample ID: 200-66741-9
Date Collected: 01/28/23 18:36
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/11/23 23:46

Client Sample ID: IA-5
Lab Sample ID: 200-66741-10
Date Collected: 01/28/23 17:39
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/12/23 06:50

Client Sample ID: EW-5D
Lab Sample ID: 200-66741-11
Date Collected: 01/28/23 18:37
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/12/23 07:43

Client Sample ID: IA-5D
Lab Sample ID: 200-66741-12
Date Collected: 01/28/23 17:08
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188367	K1P	EET BUR	02/12/23 08:35

Client Sample ID: EW-6
Lab Sample ID: 200-66741-13
Date Collected: 01/28/23 18:33
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/14/23 20:32

Client Sample ID: IA-6
Lab Sample ID: 200-66741-14
Date Collected: 01/28/23 18:00
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/14/23 21:29

Client Sample ID: EW-7
Lab Sample ID: 200-66741-15
Date Collected: 01/28/23 18:24
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/14/23 22:28

Lab Chronicle

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Client Sample ID: IA-7
Lab Sample ID: 200-66741-16
Date Collected: 01/28/23 18:22
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/14/23 23:26

Client Sample ID: EW-8
Lab Sample ID: 200-66741-17
Date Collected: 01/28/23 16:54
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 00:23

Client Sample ID: IA-8
Lab Sample ID: 200-66741-18
Date Collected: 01/28/23 18:21
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 01:22

Client Sample ID: IA-9
Lab Sample ID: 200-66741-19
Date Collected: 01/28/23 16:39
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 02:21

Client Sample ID: IA-10
Lab Sample ID: 200-66741-20
Date Collected: 01/28/23 17:55
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 03:18

Client Sample ID: OA-1
Lab Sample ID: 200-66741-21
Date Collected: 01/28/23 16:51
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 04:16

Client Sample ID: OA-2
Lab Sample ID: 200-66741-22
Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 05:13

Client Sample ID: OA-2DB
Lab Sample ID: 200-66741-24
Date Collected: 01/28/23 17:32
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 06:13

Client Sample ID: OA-3
Lab Sample ID: 200-66741-25
Date Collected: 01/28/23 16:29
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188411	A1B	EET BUR	02/15/23 07:11

Client Sample ID: B-1
Lab Sample ID: 200-66741-26
Date Collected: 01/28/23 17:24
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188462	K1P	EET BUR	02/15/23 15:16

Client Sample ID: B-2
Lab Sample ID: 200-66741-27
Date Collected: 01/28/23 17:26
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188462	K1P	EET BUR	02/15/23 16:08

Client Sample ID: B-3
Lab Sample ID: 200-66741-28
Date Collected: 01/28/23 17:27
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188510	K1P	EET BUR	02/17/23 00:57

Client Sample ID: B-3D
Lab Sample ID: 200-66741-29
Date Collected: 01/28/23 17:28
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188510	K1P	EET BUR	02/17/23 01:57

Client Sample ID: EW-3B
Lab Sample ID: 200-66741-30
Date Collected: 01/28/23 18:40
Matrix: Air
Date Received: 02/02/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	188462	K1P	EET BUR	02/15/23 18:46

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job ID: 200-66741-1
SDG: 200-66741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-66741-1	EW-1	Air	01/28/23 18:43	02/02/23 09:30	Air Canister (6-Liter) #2908
200-66741-2	IA-1	Air	01/28/23 17:12	02/02/23 09:30	Air Canister (6-Liter) #5700
200-66741-3	EW-2	Air	01/28/23 18:37	02/02/23 09:30	Air Canister (6-Liter) #6262
200-66741-4	IA-2	Air	01/28/23 18:36	02/02/23 09:30	Air Canister (6-Liter) #5152
200-66741-6	IA-3	Air	01/28/23 18:03	02/02/23 09:30	Air Canister (6-Liter) #4285
200-66741-7	EW-4	Air	01/28/23 18:13	02/02/23 09:30	Air Canister (6-Liter) #34000463
200-66741-8	IA-4	Air	01/28/23 18:14	02/02/23 09:30	Air Canister (6-Liter) #5416
200-66741-9	EW-5	Air	01/28/23 18:36	02/02/23 09:30	Air Canister (6-Liter) #5670
200-66741-10	IA-5	Air	01/28/23 17:39	02/02/23 09:30	Air Canister (6-Liter) #9280
200-66741-11	EW-5D	Air	01/28/23 18:37	02/02/23 09:30	Air Canister (6-Liter) #9227
200-66741-12	IA-5D	Air	01/28/23 17:08	02/02/23 09:30	Air Canister (6-Liter) #5604
200-66741-13	EW-6	Air	01/28/23 18:33	02/02/23 09:30	Air Canister (6-Liter) #5968
200-66741-14	IA-6	Air	01/28/23 18:00	02/02/23 09:30	Air Canister (6-Liter) #2674
200-66741-15	EW-7	Air	01/28/23 18:24	02/02/23 09:30	Air Canister (6-Liter) #2919
200-66741-16	IA-7	Air	01/28/23 18:22	02/02/23 09:30	Air Canister (6-Liter) #4324
200-66741-17	EW-8	Air	01/28/23 16:54	02/02/23 09:30	Air Canister (6-Liter) #2953
200-66741-18	IA-8	Air	01/28/23 18:21	02/02/23 09:30	Air Canister (6-Liter) #5979
200-66741-19	IA-9	Air	01/28/23 16:39	02/02/23 09:30	Air Canister (6-Liter) #4272
200-66741-20	IA-10	Air	01/28/23 17:55	02/02/23 09:30	Air Canister (6-Liter) #4270
200-66741-21	OA-1	Air	01/28/23 16:51	02/02/23 09:30	Air Canister (6-Liter) #5901
200-66741-22	OA-2	Air	01/28/23 17:32	02/02/23 09:30	Air Canister (6-Liter) #5083
200-66741-24	OA-2DB	Air	01/28/23 17:32	02/02/23 09:30	Air Canister (6-Liter) #4432
200-66741-25	OA-3	Air	01/28/23 16:29	02/02/23 09:30	Air Canister (6-Liter) #3197
200-66741-26	B-1	Air	01/28/23 17:24	02/02/23 09:30	Air Canister (6-Liter) #34000790
200-66741-27	B-2	Air	01/28/23 17:26	02/02/23 09:30	Air Canister (6-Liter) #5455
200-66741-28	B-3	Air	01/28/23 17:27	02/02/23 09:30	Air Canister (6-Liter) #5439
200-66741-29	B-3D	Air	01/28/23 17:28	02/02/23 09:30	Air Canister (6-Liter) #5964
200-66741-30	EW-3B	Air	01/28/23 18:40	02/02/23 09:30	Air Canister (6-Liter) #6031

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188264

Lab Sample ID: IC 200-188264/4 Client Sample ID:

Date Analyzed: 02/08/23 17:19 Lab File ID: 200-54269-004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	5.79	Incomplete Integration	BKZ7	02/09/23 06:53
cis-1,2-Dichloroethene	8.86	Incomplete Integration	BKZ7	02/09/23 06:53
Carbon tetrachloride	10.08	Incomplete Integration	BKZ7	02/09/23 06:54
Trichloroethene	11.75	Incomplete Integration	BKZ7	02/09/23 06:54

Lab Sample ID: IC 200-188264/5 Client Sample ID:

Date Analyzed: 02/08/23 18:11 Lab File ID: 200-54269-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.29	Incomplete Integration	BKZ7	02/09/23 06:58
Acrylonitrile	7.06	Incomplete Integration	BKZ7	02/09/23 06:58
1,1,1-Trichloroethane	9.80	Incomplete Integration	BKZ7	02/09/23 06:58
Cyclohexane	9.93	Incomplete Integration	BKZ7	02/09/23 06:58
cis-1,3-Dichloropropene	13.67	Incomplete Integration	BKZ7	02/09/23 06:58
m,p-Xylene	17.78	Incomplete Integration	BKZ7	02/09/23 06:58
o-Xylene	18.60	Incomplete Integration	BKZ7	02/09/23 06:59

Lab Sample ID: ICV 200-188264/17 Client Sample ID:

Date Analyzed: 02/09/23 04:42 Lab File ID: 200-54269-017.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	12.42	Peak assignment corrected	V0FK	02/09/23 09:49

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: LCS 200-188367/4 Client Sample ID:

Date Analyzed: 02/11/23 12:33 Lab File ID: 200-54301-004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	12.41	Peak assignment corrected	W5NX	02/11/23 13:38

Lab Sample ID: MB 200-188367/5 Client Sample ID:

Date Analyzed: 02/11/23 14:58 Lab File ID: 200-54301-005a.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Isopropyltoluene		Invalid Compound ID	puangmaleek	02/13/23 08:29
Benzene		Invalid Compound ID	puangmaleek	02/13/23 08:28
1,3-Dichlorobenzene	21.44	Assign Peak	puangmaleek	02/13/23 08:28

Lab Sample ID: 200-66741-1 Client Sample ID: EW-1

Date Analyzed: 02/11/23 17:36 Lab File ID: 200-54301-008.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	8.85	Baseline	J8TG	02/13/23 09:34
Cyclohexane	9.93	Baseline	J8TG	02/13/23 09:35
1,1,2,2-Tetrachloroethane		Invalid Compound ID	J8TG	02/13/23 09:36
1,2-Dichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:36
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 09:34
2-Chlorotoluene		Invalid Compound ID	J8TG	02/13/23 09:36
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 09:36
n-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 09:36
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 09:35
n-Heptane	11.04	Baseline	J8TG	02/13/23 09:35

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-2 Client Sample ID: IA-1

Date Analyzed: 02/11/23 18:28 Lab File ID: 200-54301-009.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	9.45	Baseline	J8TG	02/13/23 09:38
Cyclohexane	9.93	Baseline	J8TG	02/13/23 09:38
1,2-Dichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:40
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 09:37
1,4-Dichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:40
4-Ethyltoluene		Invalid Compound ID	J8TG	02/13/23 09:40
4-Isopropyltoluene		Invalid Compound ID	J8TG	02/13/23 09:40
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	J8TG	02/13/23 09:37
Styrene		Invalid Compound ID	J8TG	02/13/23 09:40
tert-Butyl alcohol		Invalid Compound ID	J8TG	02/13/23 09:37
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 09:38
m,p-Xylene	17.76	Baseline	J8TG	02/13/23 09:39
o-Xylene	18.60	Baseline	J8TG	02/13/23 09:39
Naphthalene	25.03	Baseline	J8TG	02/13/23 09:40

Lab Sample ID: 200-66741-3 Client Sample ID: EW-2

Date Analyzed: 02/11/23 19:21 Lab File ID: 200-54301-010.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.94	Baseline	J8TG	02/13/23 09:43
1,1-Dichloroethene		Invalid Compound ID	J8TG	02/13/23 09:42
1,2,4-Trichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:44
1,2-Dichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:44
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 09:41
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 09:44
Chloroethane		Invalid Compound ID	J8TG	02/13/23 09:41
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	J8TG	02/13/23 09:42
sec-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 09:44
Vinyl chloride		Invalid Compound ID	J8TG	02/13/23 09:41

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-4 Client Sample ID: IA-2

Date Analyzed: 02/11/23 20:14 Lab File ID: 200-54301-011.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	6.64	Baseline	J8TG	02/13/23 09:49
1,1,2,2-Tetrachloroethane		Invalid Compound ID	J8TG	02/13/23 09:51
1,1-Dichloroethene		Invalid Compound ID	J8TG	02/13/23 09:48
1,2,4-Trichlorobenzene		Invalid Compound ID	J8TG	02/13/23 09:51
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 09:48
4-Isopropyltoluene		Invalid Compound ID	J8TG	02/13/23 09:51
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	J8TG	02/13/23 09:50
sec-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 09:51
tert-Butyl alcohol		Invalid Compound ID	J8TG	02/13/23 09:49
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 09:49
Trichloroethene	11.73	Baseline	J8TG	02/13/23 09:50
Tetrachloroethene	15.43	Baseline	J8TG	02/13/23 09:50
Styrene	18.63	Baseline	J8TG	02/13/23 09:51

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-6 Client Sample ID: IA-3

Date Analyzed: 02/11/23 21:07 Lab File ID: 200-54301-012.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone (2-Butanone)	8.87	Invalid Compound ID	J8TG	02/13/23 09:52
Chloroform	9.45	Baseline	J8TG	02/13/23 09:53
Cyclohexane	9.93	Baseline	J8TG	02/13/23 09:53
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 09:52
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	J8TG	02/13/23 09:56
Methyl methacrylate		Invalid Compound ID	J8TG	02/13/23 09:54
Methyl tert-butyl ether		Invalid Compound ID	J8TG	02/13/23 09:52
sec-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 09:57
Styrene		Invalid Compound ID	J8TG	02/13/23 09:56
tert-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 09:57
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 09:53
n-Heptane	11.05	Baseline	J8TG	02/13/23 09:53
Trichloroethene	11.74	Baseline	J8TG	02/13/23 09:54
Tetrachloroethene	15.43	Baseline	J8TG	02/13/23 09:54
Naphthalene	25.03	Baseline	J8TG	02/13/23 09:57

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-7 Client Sample ID: EW-4

Date Analyzed: 02/11/23 22:00 Lab File ID: 200-54301-013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	6.64	Baseline	J8TG	02/13/23 10:00
Cyclohexane	9.93	Baseline	J8TG	02/13/23 10:01
1,1,2,2-Tetrachloroethane		Invalid Compound ID	J8TG	02/13/23 10:01
1,1,2-Trichloroethane		Invalid Compound ID	J8TG	02/13/23 10:01
1,2,4-Trichlorobenzene		Invalid Compound ID	J8TG	02/13/23 10:02
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 10:00
2-Chlorotoluene		Invalid Compound ID	J8TG	02/13/23 10:01
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 10:02
n-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 10:02
sec-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 10:02
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 10:00

Lab Sample ID: 200-66741-8 Client Sample ID: IA-4

Date Analyzed: 02/11/23 22:53 Lab File ID: 200-54301-014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.93	Baseline	J8TG	02/13/23 10:05
1,1,2,2-Tetrachloroethane		Invalid Compound ID	J8TG	02/13/23 10:06
1,2,4-Trichlorobenzene		Invalid Compound ID	J8TG	02/13/23 10:06
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 10:06
Methyl methacrylate		Invalid Compound ID	J8TG	02/13/23 10:05
sec-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 10:06
tert-Butyl alcohol		Invalid Compound ID	J8TG	02/13/23 10:04
tert-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 10:06
Cumene	19.37	Baseline	J8TG	02/13/23 10:06
Naphthalene	25.02	Baseline	J8TG	02/13/23 10:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-9 Client Sample ID: EW-5

Date Analyzed: 02/11/23 23:46 Lab File ID: 200-54301-015.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.93	Baseline	J8TG	02/13/23 10:08
1,1,2-Trichloroethane		Invalid Compound ID	J8TG	02/13/23 10:08
1,2,4-Trichlorobenzene		Invalid Compound ID	J8TG	02/13/23 10:09
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 10:07
2-Chlorotoluene		Invalid Compound ID	J8TG	02/13/23 10:09
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 10:09
Chloroethane		Invalid Compound ID	J8TG	02/13/23 10:07
n-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 10:09
Tetrahydrofuran		Invalid Compound ID	J8TG	02/13/23 10:07
n-Heptane	11.03	Baseline	J8TG	02/13/23 10:08

Lab Sample ID: 200-66741-10 Client Sample ID: IA-5

Date Analyzed: 02/12/23 06:50 Lab File ID: 200-54301-023.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichlorotrifluoroethane	5.82	Invalid Compound ID	J8TG	02/13/23 10:53
Chloroform	9.45	Baseline	J8TG	02/13/23 10:54
Cyclohexane	9.92	Baseline	J8TG	02/13/23 10:54
2-Chlorotoluene		Invalid Compound ID	J8TG	02/13/23 10:55
n-Propylbenzene		Invalid Compound ID	J8TG	02/13/23 10:55
Styrene		Invalid Compound ID	J8TG	02/13/23 10:55
tert-Butyl alcohol		Invalid Compound ID	J8TG	02/13/23 10:54
Tetrachloroethene	15.43	Baseline	J8TG	02/13/23 10:55
4-Ethyltoluene	20.33	Baseline	J8TG	02/13/23 10:56

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188367

Lab Sample ID: 200-66741-11 Client Sample ID: EW-5D

Date Analyzed: 02/12/23 07:43 Lab File ID: 200-54301-024.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichlorotrifluoroethane	5.82	Invalid Compound ID	J8TG	02/13/23 10:57
Cyclohexane	9.93	Baseline	J8TG	02/13/23 10:59
1,1,2,2-Tetrachloroethane		Invalid Compound ID	J8TG	02/13/23 11:01
1,1,2-Trichloroethane		Invalid Compound ID	J8TG	02/13/23 11:00
1,3-Butadiene		Invalid Compound ID	J8TG	02/13/23 10:57
Benzyl chloride		Invalid Compound ID	J8TG	02/13/23 11:01
n-Butylbenzene		Invalid Compound ID	J8TG	02/13/23 11:01
Tetrachloroethene	15.43	Baseline	J8TG	02/13/23 11:00

Lab Sample ID: 200-66741-12 Client Sample ID: IA-5D

Date Analyzed: 02/12/23 08:35 Lab File ID: 200-54301-025.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	6.63	Baseline	J8TG	02/13/23 11:02
1,3,5-Trimethylbenzene		Invalid Compound ID	J8TG	02/13/23 11:03
3-Chloropropene		Invalid Compound ID	J8TG	02/13/23 11:02
4-Isopropyltoluene		Invalid Compound ID	J8TG	02/13/23 11:04
Cumene		Invalid Compound ID	J8TG	02/13/23 11:03
tert-Butyl alcohol		Invalid Compound ID	J8TG	02/13/23 11:02
Tetrachloroethene		Invalid Compound ID	J8TG	02/13/23 11:03

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188462

Lab Sample ID: MB 200-188462/5 Client Sample ID:

Date Analyzed: 02/15/23 11:43 Lab File ID: 200-54336-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmaleek	02/16/23 07:58
1,4-Dichlorobenzene		Invalid Compound ID	puangmaleek	02/16/23 07:59
4-Ethyltoluene		Invalid Compound ID	puangmaleek	02/16/23 07:58
4-Isopropyltoluene		Invalid Compound ID	puangmaleek	02/16/23 07:58
Chlorobenzene		Invalid Compound ID	puangmaleek	02/16/23 07:58
Hexachlorobutadiene		Invalid Compound ID	puangmaleek	02/16/23 07:59
n-Butane		Invalid Compound ID	puangmaleek	02/16/23 07:57
n-Butylbenzene		Invalid Compound ID	puangmaleek	02/16/23 07:59
sec-Butylbenzene		Invalid Compound ID	puangmaleek	02/16/23 07:58
Toluene	14.38	Assign Peak	puangmaleek	02/16/23 07:57
o-Xylene	18.58	Assign Peak	puangmaleek	02/16/23 07:58
Naphthalene	25.02	Assign Peak	puangmaleek	02/16/23 07:59

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188462

Lab Sample ID: 200-66741-26 Client Sample ID: B-1

Date Analyzed: 02/15/23 15:16 Lab File ID: 200-54336-009.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	3.67	Assign Peak	puangmaleek	02/16/23 08:06
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmaleek	02/16/23 08:08
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	puangmaleek	02/16/23 08:07
1,3-Butadiene		Invalid Compound ID	puangmaleek	02/16/23 08:07
1,4-Dichlorobenzene		Invalid Compound ID	puangmaleek	02/16/23 08:09
2,2,4-Trimethylpentane		Invalid Compound ID	puangmaleek	02/16/23 08:07
Benzyl chloride		Invalid Compound ID	puangmaleek	02/16/23 08:09
cis-1,2-Dichloroethene		Invalid Compound ID	puangmaleek	02/16/23 08:07
n-Butylbenzene		Invalid Compound ID	puangmaleek	02/16/23 08:09
n-Propylbenzene		Invalid Compound ID	puangmaleek	02/16/23 08:08
sec-Butylbenzene		Invalid Compound ID	puangmaleek	02/16/23 08:09
Tetrahydrofuran		Invalid Compound ID	puangmaleek	02/16/23 08:07
Vinyl chloride		Invalid Compound ID	puangmaleek	02/16/23 08:06
m,p-Xylene	17.76	Assign Peak	puangmaleek	02/16/23 08:08
Cumene	19.35	Assign Peak	puangmaleek	02/16/23 08:08
4-Ethyltoluene	20.33	Assign Peak	puangmaleek	02/16/23 08:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188462

Lab Sample ID: 200-66741-27 Client Sample ID: B-2

Date Analyzed: 02/15/23 16:08 Lab File ID: 200-54336-010.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	7.12	Incomplete Integration	V0FK	02/16/23 10:45
Chloroform	9.45	Incomplete Integration	V0FK	02/16/23 10:46
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	V0FK	02/16/23 10:45
1,1-Dichloroethene		Invalid Compound ID	V0FK	02/16/23 10:45
1,2,4-Trichlorobenzene		Invalid Compound ID	V0FK	02/16/23 10:48
1,2-Dichlorobenzene		Invalid Compound ID	V0FK	02/16/23 10:48
1,3,5-Trimethylbenzene		Invalid Compound ID	V0FK	02/16/23 10:47
1,4-Dichlorobenzene		Invalid Compound ID	V0FK	02/16/23 10:47
4-Ethyltoluene		Invalid Compound ID	V0FK	02/16/23 10:47
Chlorobenzene		Invalid Compound ID	V0FK	02/16/23 10:47
cis-1,2-Dichloroethene		Incomplete Integration	V0FK	02/16/23 10:46
Naphthalene		Invalid Compound ID	V0FK	02/16/23 10:48
n-Butylbenzene		Invalid Compound ID	V0FK	02/16/23 10:48
Styrene		Invalid Compound ID	V0FK	02/16/23 10:47
Tetrahydrofuran		Invalid Compound ID	V0FK	02/16/23 10:46
Vinyl chloride		Invalid Compound ID	V0FK	02/16/23 10:44

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Analysis Batch Number: 188462

Lab Sample ID: 200-66741-30 Client Sample ID: EW-3B

Date Analyzed: 02/15/23 18:46 Lab File ID: 200-54336-013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	7.87	Incomplete Integration	V0FK	02/16/23 12:02
1,1,1-Trichloroethane	9.77	Incomplete Integration	V0FK	02/16/23 12:02
1,1,2,2-Tetrachloroethane		Invalid Compound ID	V0FK	02/16/23 12:03
1,2,4-Trichlorobenzene		Invalid Compound ID	V0FK	02/16/23 12:04
1,4-Dichlorobenzene		Invalid Compound ID	V0FK	02/16/23 12:04
2-Chlorotoluene		Invalid Compound ID	V0FK	02/16/23 12:03
Naphthalene		Invalid Compound ID	V0FK	02/16/23 12:04
sec-Butylbenzene		Invalid Compound ID	V0FK	02/16/23 12:03
Tetrahydrofuran		Invalid Compound ID	V0FK	02/16/23 12:02
Vinyl chloride		Invalid Compound ID	V0FK	02/16/23 12:01

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 187989

Lab Sample ID: IC 200-187989/5 Client Sample ID:

Date Analyzed: 01/31/23 17:54 Lab File ID: 54170-005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.33	Peak assignment corrected	W5NX	02/01/23 08:39

Lab Sample ID: IC 200-187989/6 Client Sample ID:

Date Analyzed: 01/31/23 18:46 Lab File ID: 54170-006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.31	Peak assignment corrected	W5NX	02/01/23 08:42

Lab Sample ID: IC 200-187989/7 Client Sample ID:

Date Analyzed: 01/31/23 19:38 Lab File ID: 54170-007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.27	Peak assignment corrected	W5NX	02/01/23 08:44

Lab Sample ID: ICIS 200-187989/8 Client Sample ID:

Date Analyzed: 01/31/23 20:30 Lab File ID: 54170-008.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.26	Peak assignment corrected	W5NX	02/01/23 08:33

Lab Sample ID: IC 200-187989/9 Client Sample ID:

Date Analyzed: 01/31/23 21:21 Lab File ID: 54170-009.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.26	Peak assignment corrected	W5NX	02/01/23 08:46

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 187989

Lab Sample ID: IC 200-187989/12 Client Sample ID:

Date Analyzed: 01/31/23 23:57 Lab File ID: 54170-012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.26	Peak assignment corrected	W5NX	02/01/23 08:47

Lab Sample ID: IC 200-187989/13 Client Sample ID:

Date Analyzed: 02/01/23 00:48 Lab File ID: 54170-013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.26	Peak assignment corrected	W5NX	02/01/23 08:48

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 188411

Lab Sample ID: MB 200-188411/4 Client Sample ID:

Date Analyzed: 02/14/23 11:26 Lab File ID: 54318-004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Chlorotoluene		Invalid Compound ID	bunmaa	02/15/23 07:36
Bromoform		Invalid Compound ID	bunmaa	02/15/23 07:35
Chlorobenzene		Invalid Compound ID	bunmaa	02/15/23 07:35
Ethylbenzene		Invalid Compound ID	bunmaa	02/15/23 07:35
Naphthalene		Invalid Compound ID	bunmaa	02/15/23 07:38
Styrene		Invalid Compound ID	bunmaa	02/15/23 07:35
m,p-Xylene	19.03	Assign Peak	bunmaa	02/15/23 07:35
4-Ethyltoluene	21.46	Assign Peak	bunmaa	02/15/23 07:36

Lab Sample ID: 200-66741-13 Client Sample ID: EW-6

Date Analyzed: 02/14/23 20:32 Lab File ID: 54318-014.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	V0FK	02/15/23 10:04
1,1,2-Trichloroethane		Invalid Compound ID	V0FK	02/15/23 10:03
1,1-Dichloroethene		Invalid Compound ID	V0FK	02/15/23 10:03
Methyl methacrylate		Invalid Compound ID	V0FK	02/15/23 10:03
Styrene		Invalid Compound ID	V0FK	02/15/23 10:04

Lab Sample ID: 200-66741-14 Client Sample ID: IA-6

Date Analyzed: 02/14/23 21:29 Lab File ID: 54318-015.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	V0FK	02/15/23 10:05
Cyclohexane		Invalid Compound ID	V0FK	02/15/23 10:05
Methyl methacrylate		Invalid Compound ID	V0FK	02/15/23 10:06
Styrene		Invalid Compound ID	V0FK	02/15/23 10:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 188411

Lab Sample ID: 200-66741-15 Client Sample ID: EW-7

Date Analyzed: 02/14/23 22:28 Lab File ID: 54318-016.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	V0FK	02/15/23 10:08
Benzyl chloride		Invalid Compound ID	V0FK	02/15/23 10:08
Naphthalene		Invalid Compound ID	V0FK	02/15/23 10:08
n-Butylbenzene		Invalid Compound ID	V0FK	02/15/23 10:08

Lab Sample ID: 200-66741-16 Client Sample ID: IA-7

Date Analyzed: 02/14/23 23:26 Lab File ID: 54318-017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	V0FK	02/15/23 10:10
Cyclohexane		Invalid Compound ID	V0FK	02/15/23 10:10

Lab Sample ID: 200-66741-17 Client Sample ID: EW-8

Date Analyzed: 02/15/23 00:23 Lab File ID: 54318-018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzyl chloride		Invalid Compound ID	V0FK	02/15/23 10:12
Carbon disulfide		Invalid Compound ID	V0FK	02/15/23 10:11

Lab Sample ID: 200-66741-18 Client Sample ID: IA-8

Date Analyzed: 02/15/23 01:22 Lab File ID: 54318-019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Chlorotoluene		Invalid Compound ID	V0FK	02/15/23 10:14
Cyclohexane	11.81	Incomplete Integration	V0FK	02/15/23 10:14

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 188411

Lab Sample ID: 200-66741-19 Client Sample ID: IA-9

Date Analyzed: 02/15/23 02:21 Lab File ID: 54318-020.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene		Invalid Compound ID	V0FK	02/15/23 10:16
3-Chloropropene		Invalid Compound ID	V0FK	02/15/23 10:16
Methyl methacrylate		Invalid Compound ID	V0FK	02/15/23 10:16
tert-Butyl alcohol		Invalid Compound ID	V0FK	02/15/23 10:16

Lab Sample ID: 200-66741-20 Client Sample ID: IA-10

Date Analyzed: 02/15/23 03:18 Lab File ID: 54318-021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	V0FK	02/15/23 10:18
Cyclohexane		Invalid Compound ID	V0FK	02/15/23 10:19

Lab Sample ID: 200-66741-21 Client Sample ID: OA-1

Date Analyzed: 02/15/23 04:16 Lab File ID: 54318-022.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trimethylbenzene		Invalid Compound ID	V0FK	02/15/23 10:21
Ethylbenzene		Invalid Compound ID	V0FK	02/15/23 10:20
m,p-Xylene		Invalid Compound ID	V0FK	02/15/23 10:20

Lab Sample ID: 200-66741-22 Client Sample ID: OA-2

Date Analyzed: 02/15/23 05:13 Lab File ID: 54318-023.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	V0FK	02/15/23 10:21
Styrene		Invalid Compound ID	V0FK	02/15/23 10:22

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Analysis Batch Number: 188411

Lab Sample ID: 200-66741-24 Client Sample ID: OA-2DB

Date Analyzed: 02/15/23 06:13 Lab File ID: 54318-024.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	V0FK	02/15/23 10:23
Chloroform		Invalid Compound ID	V0FK	02/15/23 10:23
Methyl methacrylate		Invalid Compound ID	V0FK	02/15/23 10:23

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHX.i Analysis Batch Number: 188486

Lab Sample ID: IC 200-188486/3 Client Sample ID:

Date Analyzed: 02/15/23 16:26 Lab File ID: 54343-03.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	5.28	Baseline	J8TG	02/16/23 08:11
1,3-Butadiene	5.39	Baseline	J8TG	02/16/23 08:11
1,1,1-Trichloroethane	12.13	Baseline	J8TG	02/16/23 08:12
Cyclohexane	12.25	Baseline	J8TG	02/16/23 08:12

Lab Sample ID: IC 200-188486/4 Client Sample ID:

Date Analyzed: 02/15/23 17:22 Lab File ID: 54343-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propylene	4.36	Baseline	J8TG	02/16/23 08:06
3-Chloropropene	8.74	Baseline	J8TG	02/16/23 08:07
Acrylonitrile	9.43	Baseline	J8TG	02/16/23 08:08
Ethyl acetate	11.34	Baseline	J8TG	02/16/23 08:09

Lab Sample ID: IC 200-188486/5 Client Sample ID:

Date Analyzed: 02/15/23 18:19 Lab File ID: 54343-05.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	8.71	Baseline	J8TG	02/16/23 08:05
3-Chloropropene	8.74	Baseline	J8TG	02/16/23 08:04
Acrylonitrile	9.42	Baseline	J8TG	02/16/23 08:09

Lab Sample ID: IC 200-188486/6 Client Sample ID:

Date Analyzed: 02/15/23 19:15 Lab File ID: 54343-06.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.42	Baseline	J8TG	02/16/23 08:00

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHX.i Analysis Batch Number: 188510

Lab Sample ID: CCVIS 200-188510/2 Client Sample ID:

Date Analyzed: 02/16/23 10:30 Lab File ID: 54358-02.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.41	Baseline	J8TG	02/16/23 11:21

Lab Sample ID: MB 200-188510/4 Client Sample ID:

Date Analyzed: 02/16/23 12:24 Lab File ID: 54358-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m,p-Xylene	19.46	Assign Peak	puangmaleek	02/17/23 09:58

Lab Sample ID: 200-66741-28 Client Sample ID: B-3

Date Analyzed: 02/17/23 00:57 Lab File ID: 54358-17.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichlorotetrafluoroethane	4.83	Assign Peak	puangmaleek	02/17/23 14:32
Acetone	8.20	Assign Peak	puangmaleek	02/17/23 14:32
1,3-Butadiene		Invalid Compound ID	puangmaleek	02/17/23 14:32
2,2,4-Trimethylpentane	12.96	Assign Peak	puangmaleek	02/17/23 14:33

Lab Sample ID: 200-66741-29 Client Sample ID: B-3D

Date Analyzed: 02/17/23 01:57 Lab File ID: 54358-18.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichlorotetrafluoroethane	4.84	Assign Peak	puangmaleek	02/17/23 15:24
3-Chloropropene		Invalid Compound ID	puangmaleek	02/17/23 15:24
n-Heptane	13.25	Assign Peak	puangmaleek	02/17/23 15:25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.18	Assign Peak	puangmaleek	02/17/23 15:25
Ethylbenzene	19.21	Assign Peak	puangmaleek	02/17/23 15:25
m,p-Xylene	19.45	Assign Peak	puangmaleek	02/17/23 15:25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00251	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00215	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	0.20044 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							o-Xylene	0.20044 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00215	02/18/23	01/18/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00165	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00151	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00328	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00215	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chlorodifluoromethane	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							o-Xylene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00151	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00215	02/18/23	01/18/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00165	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00151	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00259	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00165	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1,2-Trichlorotrifluoroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00151	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00800	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00165	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00151	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00128	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00165	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1,2-Trichlorotrifluoroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chlorodifluoromethane	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	15.0036 ppb v/v
							o-Xylene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
					ATTO15EthCALw_00151	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00215	02/18/23	01/18/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00165	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00151	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00128	02/18/23	01/18/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00165	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1,2-Trichlorotrifluoroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							o-Xylene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00151	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00165	03/17/23	01/17/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00046	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ATTO15CALs_00046	10/15/23		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00151	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15GIS_00019							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	
ATTO15LCSW_00853	02/06/23	01/18/23	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00134	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00134	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00047	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00047	10/15/23		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15LCSW_00854	03/07/23	02/07/23	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00134	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v

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SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00134	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00047	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00047	10/15/23		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15LCSW_00855	03/08/23	02/08/23	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00134	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00134	04/17/23	01/17/23	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00047	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00047	10/15/23		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15WISs_00010							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	
ATTO15XISs_00003							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 200-54301-004.D

Lab ID: LCS 200-188367/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	48.8	99	61-142	
Chlorodifluoromethane	35.4	35.7	101	60-147	
1,2-Dichlorotetrafluoroethane	69.9	68.9	99	71-141	
Chloromethane	20.6	20.4	99	56-141	
n-Butane	23.8	24.2	102	53-151	
Vinyl chloride	25.6	22.5	88	61-135	
1,3-Butadiene	22.1	20.3	92	58-139	
Bromomethane	38.8	37.5	97	72-124	
Chloroethane	26.4	25.9	98	68-130	
Bromoethene(Vinyl Bromide)	43.7	42.2	97	75-125	
Trichlorofluoromethane	56.2	54.9	98	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	74.9	98	70-121	
1,1-Dichloroethene	39.6	36.1	91	68-120	
Acetone	23.7	26.6	112	54-154	
Isopropyl alcohol	24.6	27.0	110	53-142	
Carbon disulfide	31.1	32.5	104	71-138	
3-Chloropropene	31.3	31.7	101	50-150	
Methylene Chloride	34.7	35.9	103	59-137	
tert-Butyl alcohol	30.3	32.3	107	66-132	
Methyl tert-butyl ether	36.0	35.8	99	70-127	
trans-1,2-Dichloroethene	39.6	38.8	98	69-137	
n-Hexane	35.2	36.7	104	63-138	
1,1-Dichloroethane	40.5	40.1	99	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	29.5	100	72-124	
cis-1,2-Dichloroethene	39.6	36.2	91	72-121	
Chloroform	48.8	47.8	98	73-124	
Tetrahydrofuran	29.5	31.9	108	60-149	
1,1,1-Trichloroethane	54.6	51.1	94	72-127	
Cyclohexane	34.4	33.3	97	76-124	
Carbon tetrachloride	62.9	61.7	98	71-133	
2,2,4-Trimethylpentane	46.7	48.2	103	68-131	
Benzene	31.9	29.4	92	73-119	
1,2-Dichloroethane	40.5	39.2	97	68-135	
n-Heptane	41.0	44.4	108	60-142	
Trichloroethene	53.7	50.7	94	73-122	
Methyl methacrylate	40.9	40.7	99	73-129	
1,2-Dichloropropane	46.2	43.7	95	69-128	
1,4-Dioxane	36.0	32.8	91	66-129	
Bromodichloromethane	67.0	66.1	99	75-127	
cis-1,3-Dichloropropene	45.4	44.3	98	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 200-54301-004.D

Lab ID: LCS 200-188367/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	41.7	102	58-144	
Toluene	37.7	35.5	94	75-122	
trans-1,3-Dichloropropene	45.4	45.6	101	74-128	
1,1,2-Trichloroethane	54.6	52.6	96	75-126	
Tetrachloroethene	67.8	60.0	89	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	43.1	105	57-143	
Dibromochloromethane	85.2	82.5	97	73-125	
1,2-Dibromoethane	76.8	73.9	96	78-122	
Chlorobenzene	46.0	44.0	96	76-119	
Ethylbenzene	43.4	42.0	97	74-122	
m,p-Xylene	86.8	87.9	101	76-121	
o-Xylene	43.4	41.8	96	73-123	
Styrene	42.6	46.6	109	74-125	
Bromoform	103	106	102	53-149	
Cumene	49.1	49.0	100	73-123	
1,1,2,2-Tetrachloroethane	68.6	67.2	98	74-126	
n-Propylbenzene	49.1	49.5	101	73-127	
4-Ethyltoluene	49.2	49.7	101	75-129	
1,3,5-Trimethylbenzene	49.2	48.9	99	72-126	
2-Chlorotoluene	51.8	52.6	102	74-126	
tert-Butylbenzene	54.9	51.8	94	71-125	
1,2,4-Trimethylbenzene	49.2	48.0	98	71-129	
sec-Butylbenzene	54.9	53.0	97	70-128	
4-Isopropyltoluene	54.9	53.7	98	68-130	
1,3-Dichlorobenzene	60.1	59.2	98	69-131	
1,4-Dichlorobenzene	60.1	60.1	100	67-132	
Benzyl chloride	51.8	56.3	109	60-136	
n-Butylbenzene	54.9	54.4	99	65-137	
1,2-Dichlorobenzene	60.1	59.3	99	68-129	
1,2,4-Trichlorobenzene	74.2	87.8	118	50-150	
Hexachlorobutadiene	107	110	103	58-130	
Naphthalene	52.4	66.2	126	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 54318-003.d

Lab ID: LCS 200-188411/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	58.2	118	61-142	
Chlorodifluoromethane	35.4	43.2	122	60-147	
1,2-Dichlorotetrafluoroethane	69.9	79.4	114	71-141	
Chloromethane	20.6	25.4	123	56-141	
n-Butane	23.8	28.3	119	53-151	
Vinyl chloride	25.6	28.1	110	61-135	
1,3-Butadiene	22.1	24.1	109	58-139	
Bromomethane	38.8	43.6	112	72-124	
Chloroethane	26.4	31.2	118	68-130	
Bromoethene(Vinyl Bromide)	43.7	49.1	112	75-125	
Trichlorofluoromethane	56.2	62.3	111	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	83.8	109	70-121	
1,1-Dichloroethene	39.6	42.0	106	68-120	
Acetone	23.7	28.8	121	54-154	
Isopropyl alcohol	24.6	27.9	113	53-142	
Carbon disulfide	31.1	35.1	113	71-138	
3-Chloropropene	31.3	33.5	107	50-150	
Methylene Chloride	34.7	39.6	114	59-137	
tert-Butyl alcohol	30.3	33.4	110	66-132	
Methyl tert-butyl ether	36.0	39.6	110	70-127	
trans-1,2-Dichloroethene	39.6	43.9	111	69-137	
n-Hexane	35.2	38.7	110	63-138	
1,1-Dichloroethane	40.5	43.6	108	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	32.5	110	72-124	
cis-1,2-Dichloroethene	39.6	42.4	107	72-121	
Chloroform	48.8	53.4	109	73-124	
Tetrahydrofuran	29.5	35.7	121	60-149	
1,1,1-Trichloroethane	54.6	62.5	114	72-127	
Cyclohexane	34.4	38.8	113	76-124	
Carbon tetrachloride	62.9	71.5	114	71-133	
2,2,4-Trimethylpentane	46.7	53.1	114	68-131	
Benzene	31.9	35.4	111	73-119	
1,2-Dichloroethane	40.5	47.0	116	68-135	
n-Heptane	41.0	47.8	117	60-142	
Trichloroethene	53.7	59.9	111	73-122	
Methyl methacrylate	40.9	47.5	116	73-129	
1,2-Dichloropropane	46.2	50.9	110	69-128	
1,4-Dioxane	36.0	40.7	113	66-129	
Bromodichloromethane	67.0	75.9	113	75-127	
cis-1,3-Dichloropropene	45.4	51.6	114	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 54318-003.d

Lab ID: LCS 200-188411/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	48.5	119	58-144	
Toluene	37.7	41.2	109	75-122	
trans-1,3-Dichloropropene	45.4	52.7	116	74-128	
1,1,2-Trichloroethane	54.6	61.3	112	75-126	
Tetrachloroethene	67.8	73.1	108	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	50.6	123	57-143	
Dibromochloromethane	85.2	97.9	115	73-125	
1,2-Dibromoethane	76.8	86.7	113	78-122	
Chlorobenzene	46.0	50.4	110	76-119	
Ethylbenzene	43.4	48.3	111	74-122	
m,p-Xylene	86.8	95.8	110	76-121	
o-Xylene	43.4	47.8	110	73-123	
Styrene	42.6	49.5	116	74-125	
Bromoform	103	122	119	53-149	
Cumene	49.1	54.9	112	73-123	
1,1,2,2-Tetrachloroethane	68.6	78.0	114	74-126	
n-Propylbenzene	49.1	55.6	113	73-127	
4-Ethyltoluene	49.2	56.4	115	75-129	
1,3,5-Trimethylbenzene	49.2	55.7	113	72-126	
2-Chlorotoluene	51.8	57.2	111	74-126	
tert-Butylbenzene	54.9	61.6	112	71-125	
1,2,4-Trimethylbenzene	49.2	56.6	115	71-129	
sec-Butylbenzene	54.9	62.5	114	70-128	
4-Isopropyltoluene	54.9	63.5	116	68-130	
1,3-Dichlorobenzene	60.1	69.2	115	69-131	
1,4-Dichlorobenzene	60.1	68.9	115	67-132	
Benzyl chloride	51.8	63.2	122	60-136	
n-Butylbenzene	54.9	65.1	119	65-137	
1,2-Dichlorobenzene	60.1	68.1	113	68-129	
1,2,4-Trichlorobenzene	74.2	82.0	111	50-150	
Hexachlorobutadiene	107	117	110	58-130	
Naphthalene	52.4	55.6	106	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 200-54336-004.D

Lab ID: LCS 200-188462/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	54.4	110	61-142	
Chlorodifluoromethane	35.4	38.0	107	60-147	
1,2-Dichlorotetrafluoroethane	69.9	72.0	103	71-141	
Chloromethane	20.6	20.3	98	56-141	
n-Butane	23.8	25.7	108	53-151	
Vinyl chloride	25.6	23.2	91	61-135	
1,3-Butadiene	22.1	21.2	96	58-139	
Bromomethane	38.8	37.0	95	72-124	
Chloroethane	26.4	24.8	94	68-130	
Bromoethene(Vinyl Bromide)	43.7	42.7	98	75-125	
Trichlorofluoromethane	56.2	58.1	103	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	75.1	98	70-121	
1,1-Dichloroethene	39.6	35.8	90	68-120	
Acetone	23.7	27.8	117	54-154	
Isopropyl alcohol	24.6	28.6	116	53-142	
Carbon disulfide	31.1	30.7	99	71-138	
3-Chloropropene	31.3	30.3	97	50-150	
Methylene Chloride	34.7	34.6	100	59-137	
tert-Butyl alcohol	30.3	35.5	117	66-132	
Methyl tert-butyl ether	36.0	37.2	103	70-127	
trans-1,2-Dichloroethene	39.6	37.6	95	69-137	
n-Hexane	35.2	34.7	98	63-138	
1,1-Dichloroethane	40.5	39.1	97	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	29.0	98	72-124	
cis-1,2-Dichloroethene	39.6	35.6	90	72-121	
Chloroform	48.8	47.2	97	73-124	
Tetrahydrofuran	29.5	34.1	116	60-149	
1,1,1-Trichloroethane	54.6	57.2	105	72-127	
Cyclohexane	34.4	33.0	96	76-124	
Carbon tetrachloride	62.9	69.3	110	71-133	
2,2,4-Trimethylpentane	46.7	46.7	100	68-131	
Benzene	31.9	28.9	91	73-119	
1,2-Dichloroethane	40.5	42.8	106	68-135	
n-Heptane	41.0	42.8	105	60-142	
Trichloroethene	53.7	52.2	97	73-122	
Methyl methacrylate	40.9	39.2	96	73-129	
1,2-Dichloropropane	46.2	41.4	90	69-128	
1,4-Dioxane	36.0	38.6	107	66-129	
Bromodichloromethane	67.0	68.0	101	75-127	
cis-1,3-Dichloropropene	45.4	43.2	95	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 200-54336-004.D

Lab ID: LCS 200-188462/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	43.7	107	58-144	
Toluene	37.7	35.5	94	75-122	
trans-1,3-Dichloropropene	45.4	45.7	101	74-128	
1,1,2-Trichloroethane	54.6	50.9	93	75-126	
Tetrachloroethene	67.8	64.4	95	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	45.7	112	57-143	
Dibromochloromethane	85.2	84.9	100	73-125	
1,2-Dibromoethane	76.8	73.8	96	78-122	
Chlorobenzene	46.0	43.9	95	76-119	
Ethylbenzene	43.4	42.7	98	74-122	
m,p-Xylene	86.8	91.2	105	76-121	
o-Xylene	43.4	43.2	100	73-123	
Styrene	42.6	47.5	111	74-125	
Bromoform	103	106	102	53-149	
Cumene	49.1	52.3	106	73-123	
1,1,2,2-Tetrachloroethane	68.6	64.6	94	74-126	
n-Propylbenzene	49.1	51.6	105	73-127	
4-Ethyltoluene	49.2	52.5	107	75-129	
1,3,5-Trimethylbenzene	49.2	52.9	108	72-126	
2-Chlorotoluene	51.8	54.9	106	74-126	
tert-Butylbenzene	54.9	57.1	104	71-125	
1,2,4-Trimethylbenzene	49.2	52.3	106	71-129	
sec-Butylbenzene	54.9	56.1	102	70-128	
4-Isopropyltoluene	54.9	57.6	105	68-130	
1,3-Dichlorobenzene	60.1	63.5	106	69-131	
1,4-Dichlorobenzene	60.1	63.6	106	67-132	
Benzyl chloride	51.8	57.0	110	60-136	
n-Butylbenzene	54.9	57.3	104	65-137	
1,2-Dichlorobenzene	60.1	63.5	106	68-129	
1,2,4-Trichlorobenzene	74.2	94.7	128	50-150	
Hexachlorobutadiene	107	123	115	58-130	
Naphthalene	52.4	73.0	139	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 54358-03.D

Lab ID: LCS 200-188510/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	53.4	108	61-142	
Chlorodifluoromethane	35.4	36.7	104	60-147	
1,2-Dichlorotetrafluoroethane	69.9	75.8	109	71-141	
Chloromethane	20.6	20.2	98	56-141	
n-Butane	23.8	24.9	105	53-151	
Vinyl chloride	25.6	23.9	94	61-135	
1,3-Butadiene	22.1	22.7	103	58-139	
Bromomethane	38.8	45.3	117	72-124	
Chloroethane	26.4	31.2	118	68-130	
Bromoethene(Vinyl Bromide)	43.7	48.0	110	75-125	
Trichlorofluoromethane	56.2	60.1	107	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	77.2	101	70-121	
1,1-Dichloroethene	39.6	36.3	91	68-120	
Acetone	23.7	23.9	101	54-154	
Isopropyl alcohol	24.6	22.4	91	53-142	
Carbon disulfide	31.1	30.7	99	71-138	
3-Chloropropene	31.3	27.0	86	50-150	
Methylene Chloride	34.7	33.9	98	59-137	
tert-Butyl alcohol	30.3	28.7	95	66-132	
Methyl tert-butyl ether	36.0	36.5	101	70-127	
trans-1,2-Dichloroethene	39.6	37.6	95	69-137	
n-Hexane	35.2	34.7	98	63-138	
1,1-Dichloroethane	40.5	37.8	93	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	27.9	95	72-124	
cis-1,2-Dichloroethene	39.6	38.1	96	72-121	
Chloroform	48.8	49.0	100	73-124	
Tetrahydrofuran	29.5	27.6	94	60-149	
1,1,1-Trichloroethane	54.6	56.3	103	72-127	
Cyclohexane	34.4	34.1	99	76-124	
Carbon tetrachloride	62.9	62.2	99	71-133	
2,2,4-Trimethylpentane	46.7	45.1	96	68-131	
Benzene	31.9	31.6	99	73-119	
1,2-Dichloroethane	40.5	39.5	98	68-135	
n-Heptane	41.0	39.7	97	60-142	
Trichloroethene	53.7	52.2	97	73-122	
Methyl methacrylate	40.9	40.7	100	73-129	
1,2-Dichloropropane	46.2	45.3	98	69-128	
1,4-Dioxane	36.0	30.1	83	66-129	
Bromodichloromethane	67.0	69.4	104	75-127	
cis-1,3-Dichloropropene	45.4	48.8	108	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Matrix: Air Level: Low Lab File ID: 54358-03.D

Lab ID: LCS 200-188510/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	38.1	93	58-144	
Toluene	37.7	36.5	97	75-122	
trans-1,3-Dichloropropene	45.4	51.3	113	74-128	
1,1,2-Trichloroethane	54.6	51.5	94	75-126	
Tetrachloroethene	67.8	62.3	92	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	37.7	92	57-143	
Dibromochloromethane	85.2	88.2	104	73-125	
1,2-Dibromoethane	76.8	76.2	99	78-122	
Chlorobenzene	46.0	45.9	100	76-119	
Ethylbenzene	43.4	43.4	100	74-122	
m,p-Xylene	86.8	86.8	100	76-121	
o-Xylene	43.4	42.5	98	73-123	
Styrene	42.6	44.0	103	74-125	
Bromoform	103	114	110	53-149	
Cumene	49.1	48.1	98	73-123	
1,1,2,2-Tetrachloroethane	68.6	65.0	95	74-126	
n-Propylbenzene	49.1	49.1	100	73-127	
4-Ethyltoluene	49.2	49.5	101	75-129	
1,3,5-Trimethylbenzene	49.2	47.2	96	72-126	
2-Chlorotoluene	51.8	51.9	100	74-126	
tert-Butylbenzene	54.9	52.4	96	71-125	
1,2,4-Trimethylbenzene	49.2	46.6	95	71-129	
sec-Butylbenzene	54.9	52.1	95	70-128	
4-Isopropyltoluene	54.9	52.7	96	68-130	
1,3-Dichlorobenzene	60.1	60.6	101	69-131	
1,4-Dichlorobenzene	60.1	60.9	101	67-132	
Benzyl chloride	51.8	58.8	114	60-136	
n-Butylbenzene	54.9	53.6	98	65-137	
1,2-Dichlorobenzene	60.1	58.5	97	68-129	
1,2,4-Trichlorobenzene	74.2	75.4	102	50-150	
Hexachlorobutadiene	107	109	102	58-130	
Naphthalene	52.4	52.9	101	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 200-54301-005a.D Lab Sample ID: MB 200-188367/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 02/11/2023 14:58

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-188367/4	200-54301-004.D	02/11/2023 12:33
EW-1	200-66741-1	200-54301-008.D	02/11/2023 17:36
IA-1	200-66741-2	200-54301-009.D	02/11/2023 18:28
EW-2	200-66741-3	200-54301-010.D	02/11/2023 19:21
IA-2	200-66741-4	200-54301-011.D	02/11/2023 20:14
IA-3	200-66741-6	200-54301-012.D	02/11/2023 21:07
EW-4	200-66741-7	200-54301-013.D	02/11/2023 22:00
IA-4	200-66741-8	200-54301-014.D	02/11/2023 22:53
EW-5	200-66741-9	200-54301-015.D	02/11/2023 23:46
IA-5	200-66741-10	200-54301-023.D	02/12/2023 06:50
EW-5D	200-66741-11	200-54301-024.D	02/12/2023 07:43
IA-5D	200-66741-12	200-54301-025.D	02/12/2023 08:35

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54318-004.d Lab Sample ID: MB 200-188411/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 02/14/2023 11:26

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-188411/3	54318-003.d	02/14/2023 10:30
EW-6	200-66741-13	54318-014.d	02/14/2023 20:32
IA-6	200-66741-14	54318-015.d	02/14/2023 21:29
EW-7	200-66741-15	54318-016.d	02/14/2023 22:28
IA-7	200-66741-16	54318-017.d	02/14/2023 23:26
EW-8	200-66741-17	54318-018.d	02/15/2023 00:23
IA-8	200-66741-18	54318-019.d	02/15/2023 01:22
IA-9	200-66741-19	54318-020.d	02/15/2023 02:21
IA-10	200-66741-20	54318-021.d	02/15/2023 03:18
OA-1	200-66741-21	54318-022.d	02/15/2023 04:16
OA-2	200-66741-22	54318-023.d	02/15/2023 05:13
OA-2DB	200-66741-24	54318-024.d	02/15/2023 06:13
OA-3	200-66741-25	54318-025.d	02/15/2023 07:11

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 200-54336-005.D Lab Sample ID: MB 200-188462/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 02/15/2023 11:43

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-188462/4	200-54336-004.D	02/15/2023 10:50
B-1	200-66741-26	200-54336-009.D	02/15/2023 15:16
B-2	200-66741-27	200-54336-010.D	02/15/2023 16:08
EW-3B	200-66741-30	200-54336-013.D	02/15/2023 18:46

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54358-04.D Lab Sample ID: MB 200-188510/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 02/16/2023 12:24

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-188510/3	54358-03.D	02/16/2023 11:27
B-3	200-66741-28	54358-17.D	02/17/2023 00:57
B-3D	200-66741-29	54358-18.D	02/17/2023 01:57

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 200-54269-001.D BFB Injection Date: 02/08/2023

Instrument ID: CHG.i BFB Injection Time: 14:45

Analysis Batch No.: 188264

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.7	
75	30.0 - 66.0% of mass 95	51.0	
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	50.0 - 120.0% of mass 95	81.8	
175	4.0 - 9.0 % of mass 174	6.1	(7.5) 1
176	93.0 - 101.0% of mass 174	80.3	(98.1) 1
177	5.0 - 9.0% of mass 176	5.2	(6.5) 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 200-188264/4	200-54269-004	02/08/2023	17:19
	IC 200-188264/5	200-54269-005	02/08/2023	18:11
	IC 200-188264/6	200-54269-006	02/08/2023	19:04
	IC 200-188264/7	200-54269-007	02/08/2023	19:56
	ICIS 200-188264/8	200-54269-008	02/08/2023	20:49
	IC 200-188264/9	200-54269-009	02/08/2023	21:41
	IC 200-188264/12	200-54269-012	02/09/2023	0:19
	IC 200-188264/13	200-54269-013	02/09/2023	1:11
	ICV 200-188264/17	200-54269-017	02/09/2023	4:42

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 200-54301-001.D BFB Injection Date: 02/11/2023

Instrument ID: CHG.i BFB Injection Time: 10:00

Analysis Batch No.: 188367

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	24.9	
75	30.0 - 66.0% of mass 95	56.9	
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	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	72.9	
175	4.0 - 9.0 % of mass 174	5.3	(7.3) 1
176	93.0 - 101.0% of mass 174	70.6	(96.7) 1
177	5.0 - 9.0% of mass 176	4.6	(6.5) 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 200-188367/2	200-54301-002	02/11/2023	10:48
	LCS 200-188367/4	200-54301-004	02/11/2023	12:33
	MB 200-188367/5	200-54301-005	02/11/2023	14:58
EW-1	200-66741-1	200-54301-008	02/11/2023	17:36
IA-1	200-66741-2	200-54301-009	02/11/2023	18:28
EW-2	200-66741-3	200-54301-010	02/11/2023	19:21
IA-2	200-66741-4	200-54301-011	02/11/2023	20:14
IA-3	200-66741-6	200-54301-012	02/11/2023	21:07
EW-4	200-66741-7	200-54301-013	02/11/2023	22:00
IA-4	200-66741-8	200-54301-014	02/11/2023	22:53
EW-5	200-66741-9	200-54301-015	02/11/2023	23:46
IA-5	200-66741-10	200-54301-023	02/12/2023	6:50
EW-5D	200-66741-11	200-54301-024	02/12/2023	7:43
IA-5D	200-66741-12	200-54301-025	02/12/2023	8:35

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 200-54336-001.D BFB Injection Date: 02/15/2023

Instrument ID: CHG.i BFB Injection Time: 08:18

Analysis Batch No.: 188462

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	26.3	
75	30.0 - 66.0% of mass 95	60.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	73.4	
175	4.0 - 9.0 % of mass 174	5.9	(8.0) 1
176	93.0 - 101.0% of mass 174	70.7	(96.3) 1
177	5.0 - 9.0% of mass 176	4.6	(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
	CCVIS 200-188462/3	200-54336-003	02/15/2023	9:58
	LCS 200-188462/4	200-54336-004	02/15/2023	10:50
	MB 200-188462/5	200-54336-005	02/15/2023	11:43
B-1	200-66741-26	200-54336-009	02/15/2023	15:16
B-2	200-66741-27	200-54336-010	02/15/2023	16:08
EW-3B	200-66741-30	200-54336-013	02/15/2023	18:46

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54170-001.d BFB Injection Date: 01/31/2023

Instrument ID: CHW.i BFB Injection Time: 14:27

Analysis Batch No.: 187989

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.6	
75	30.0 - 66.0% of mass 95	45.8	
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	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	79.5	
175	4.0 - 9.0 % of mass 174	5.8	(7.3) 1
176	93.0 - 101.0% of mass 174	76.9	(96.8) 1
177	5.0 - 9.0% of mass 176	5.2	(6.7) 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 200-187989/4	54170-004.d	01/31/2023	17:02
	IC 200-187989/5	54170-005.d	01/31/2023	17:54
	IC 200-187989/6	54170-006.d	01/31/2023	18:46
	IC 200-187989/7	54170-007.d	01/31/2023	19:38
	ICIS 200-187989/8	54170-008.d	01/31/2023	20:30
	IC 200-187989/9	54170-009.d	01/31/2023	21:21
	IC 200-187989/12	54170-012.d	01/31/2023	23:57
	IC 200-187989/13	54170-013.d	02/01/2023	0:48
	ICV 200-187989/16	54170-016.d	02/01/2023	3:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54318-001.d BFB Injection Date: 02/14/2023

Instrument ID: CHW.i BFB Injection Time: 08:37

Analysis Batch No.: 188411

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.4	
75	30.0 - 66.0% of mass 95	47.0	
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	0.6	(0.8) 1
174	50.0 - 120.0% of mass 95	75.8	
175	4.0 - 9.0 % of mass 174	5.7	(7.5) 1
176	93.0 - 101.0% of mass 174	73.3	(96.7) 1
177	5.0 - 9.0% of mass 176	4.7	(6.5) 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 200-188411/2	54318-002.d	02/14/2023	9:34
	LCS 200-188411/3	54318-003.d	02/14/2023	10:30
	MB 200-188411/4	54318-004.d	02/14/2023	11:26
EW-6	200-66741-13	54318-014.d	02/14/2023	20:32
IA-6	200-66741-14	54318-015.d	02/14/2023	21:29
EW-7	200-66741-15	54318-016.d	02/14/2023	22:28
IA-7	200-66741-16	54318-017.d	02/14/2023	23:26
EW-8	200-66741-17	54318-018.d	02/15/2023	0:23
IA-8	200-66741-18	54318-019.d	02/15/2023	1:22
IA-9	200-66741-19	54318-020.d	02/15/2023	2:21
IA-10	200-66741-20	54318-021.d	02/15/2023	3:18
OA-1	200-66741-21	54318-022.d	02/15/2023	4:16
OA-2	200-66741-22	54318-023.d	02/15/2023	5:13
OA-2DB	200-66741-24	54318-024.d	02/15/2023	6:13
OA-3	200-66741-25	54318-025.d	02/15/2023	7:11

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54343-01.D BFB Injection Date: 02/15/2023

Instrument ID: CHX.i BFB Injection Time: 14:34

Analysis Batch No.: 188486

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	22.3	
75	30.0 - 66.0% of mass 95	54.5	
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	0.4	(0.6) 1
174	50.0 - 120.0% of mass 95	80.0	
175	4.0 - 9.0 % of mass 174	5.6	(7.0) 1
176	93.0 - 101.0% of mass 174	78.4	(97.9) 1
177	5.0 - 9.0% of mass 176	5.0	(6.4) 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 200-188486/3	54343-03.D	02/15/2023	16:26
	IC 200-188486/4	54343-04.D	02/15/2023	17:22
	IC 200-188486/5	54343-05.D	02/15/2023	18:19
	IC 200-188486/6	54343-06.D	02/15/2023	19:15
	ICIS 200-188486/7	54343-07.D	02/15/2023	20:12
	IC 200-188486/8	54343-08.D	02/15/2023	21:08
	IC 200-188486/9	54343-09.D	02/15/2023	22:04
	IC 200-188486/10	54343-10.D	02/15/2023	23:00
	ICV 200-188486/13	54343-13.D	02/16/2023	1:49

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab File ID: 54358-01.D BFB Injection Date: 02/16/2023

Instrument ID: CHX.i BFB Injection Time: 09:33

Analysis Batch No.: 188510

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.8	
75	30.0 - 66.0% of mass 95	52.3	
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	0.5	(0.6) 1
174	50.0 - 120.0% of mass 95	82.4	
175	4.0 - 9.0 % of mass 174	5.7	(6.9) 1
176	93.0 - 101.0% of mass 174	79.8	(96.8) 1
177	5.0 - 9.0% of mass 176	5.0	(6.3) 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 200-188510/2	54358-02.D	02/16/2023	10:30
	LCS 200-188510/3	54358-03.D	02/16/2023	11:27
	MB 200-188510/4	54358-04.D	02/16/2023	12:24
B-3	200-66741-28	54358-17.D	02/17/2023	0:57
B-3D	200-66741-29	54358-18.D	02/17/2023	1:57

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: ICIS 200-188264/8 Date Analyzed: 02/08/2023 20:49

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-54269-008.D Heated Purge: (Y/N) N

Calibration ID: 49840

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		280539	9.27	1601507	11.26	1409498	17.22
UPPER LIMIT		392755	9.60	2242110	11.59	1973297	17.55
LOWER LIMIT		168323	8.94	960904	10.93	845699	16.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-188264/17		273591	9.27	1455872	11.26	1321494	17.22

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: CCVIS 200-188367/2 Date Analyzed: 02/11/2023 10:48

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-54301-002.D Heated Purge: (Y/N) N

Calibration ID: 49840

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		251278	9.27	1532875	11.26	1314536	17.22
UPPER LIMIT		351789	9.60	2146025	11.59	1840350	17.55
LOWER LIMIT		150767	8.94	919725	10.93	788722	16.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-188367/4		241536	9.27	1398102	11.26	1259761	17.22
MB 200-188367/5		190689	9.27	1138334	11.26	879748	17.22
200-66741-1	EW-1	234825	9.27	1376909	11.26	1255364	17.22
200-66741-2	IA-1	242145	9.27	1420655	11.26	1247760	17.22
200-66741-3	EW-2	240578	9.27	1288975	11.26	1126087	17.22
200-66741-4	IA-2	227819	9.27	1143726	11.26	1098488	17.22
200-66741-6	IA-3	244661	9.27	1349412	11.26	1224646	17.22
200-66741-7	EW-4	249333	9.27	1452347	11.26	1295191	17.22
200-66741-8	IA-4	234619	9.27	1335184	11.26	1266997	17.22
200-66741-9	EW-5	236516	9.26	1296034	11.26	1186842	17.22
200-66741-10	IA-5	224751	9.26	1287489	11.25	1163663	17.22
200-66741-11	EW-5D	233833	9.26	1265300	11.26	1145018	17.22
200-66741-12	IA-5D	216865	9.26	1159318	11.26	1051841	17.22

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: CCVIS 200-188462/3 Date Analyzed: 02/15/2023 09:58

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-54336-003.D Heated Purge: (Y/N) N

Calibration ID: 49840

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		180199	9.27	984234	11.26	883424	17.22
UPPER LIMIT		252279	9.60	1377928	11.59	1236794	17.55
LOWER LIMIT		108119	8.94	590540	10.93	530054	16.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-188462/4		172244	9.26	918874	11.26	833035	17.22
MB 200-188462/5		149061	9.27	778577	11.26	562710	17.22
200-66741-26	B-1	170603	9.27	848006	11.26	791478	17.22
200-66741-27	B-2	173923	9.27	933929	11.25	840339	17.22
200-66741-30	EW-3B	175061	9.26	906796	11.25	872805	17.21

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: ICIS 200-187989/8 Date Analyzed: 01/31/2023 20:30

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 54170-008.d Heated Purge: (Y/N) N

Calibration ID: 49811

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		112865	11.19	591871	13.04	505271	18.50
UPPER LIMIT		158011	11.52	828619	13.37	707379	18.83
LOWER LIMIT		67719	10.86	355123	12.71	303163	18.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-187989/16		110516	11.20	571410	13.04	488707	18.50

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: CCVIS 200-188411/2 Date Analyzed: 02/14/2023 09:34

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 54318-002.d Heated Purge: (Y/N) N

Calibration ID: 49811

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		106224	11.20	556448	13.04	467260	18.50
UPPER LIMIT		148714	11.53	779027	13.37	654164	18.83
LOWER LIMIT		63734	10.87	333869	12.71	280356	18.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-188411/3		99058	11.19	501570	13.04	428842	18.50
MB 200-188411/4		102903	11.19	549984	13.04	440717	18.50
200-66741-13	EW-6	97290	11.19	486862	13.04	403732	18.50
200-66741-14	IA-6	99137	11.20	511484	13.04	424126	18.50
200-66741-15	EW-7	96007	11.19	499492	13.04	433719	18.50
200-66741-16	IA-7	95041	11.19	491765	13.04	417868	18.50
200-66741-17	EW-8	103635	11.19	533813	13.04	445950	18.50
200-66741-18	IA-8	103934	11.19	540878	13.04	457819	18.50
200-66741-19	IA-9	106428	11.19	560223	13.03	448144	18.50
200-66741-20	IA-10	92676	11.19	485701	13.04	414482	18.50
200-66741-21	OA-1	96946	11.19	504235	13.03	413266	18.50
200-66741-22	OA-2	102230	11.19	535529	13.03	447761	18.50
200-66741-24	OA-2DB	95542	11.19	490148	13.03	409922	18.50
200-66741-25	OA-3	105889	11.20	555567	13.04	447906	18.50

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: ICIS 200-188486/7 Date Analyzed: 02/15/2023 20:12

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 54343-07.D Heated Purge: (Y/N) N

Calibration ID: 49846

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		246918	11.66	1230708	13.49	1064074	18.96
UPPER LIMIT		345685	11.99	1722991	13.82	1489704	19.29
LOWER LIMIT		148151	11.33	738425	13.16	638444	18.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-188486/13		252012	11.66	1248393	13.49	1094081	18.96

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Sample No.: CCVIS 200-188510/2 Date Analyzed: 02/16/2023 10:30

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 54358-02.D Heated Purge: (Y/N) N

Calibration ID: 49846

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		251259	11.65	1257730	13.49	1124684	18.96
UPPER LIMIT		351763	11.98	1760822	13.82	1574558	19.29
LOWER LIMIT		150755	11.32	754638	13.16	674810	18.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-188510/3		255037	11.66	1264432	13.49	1140529	18.96
MB 200-188510/4		241121	11.65	1204000	13.49	1022411	18.96
200-66741-28	B-3	229812	11.65	1157903	13.49	1031085	18.96
200-66741-29	B-3D	216814	11.65	1080118	13.49	967630	18.96

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	17		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.52	J	1.0	0.31
106-97-8	n-Butane	58.12	2.4		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.49	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	20		12	3.8
67-63-0	Isopropyl alcohol	60.10	450	E	12	3.9
75-15-0	Carbon disulfide	76.14	0.43	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.3		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.30		0.20	0.083
67-66-3	Chloroform	119.38	0.48	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.29	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.43		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.37	J	0.93	0.18
71-43-2	Benzene	78.11	0.93		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.81	J	0.82	0.23
79-01-6	Trichloroethene	131.39	1.4		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.64	J	2.0	0.53
108-88-3	Toluene	92.14	2.8		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.77	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	1.9	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.97		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.32	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.45	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	2.1		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	2.1		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	4.7		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.25	J	0.50	0.15
106-97-8	n-Butane	58.12	1.0		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.064	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	8.3		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	180	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.14	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.63		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.1		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.077		0.050	0.021
67-66-3	Chloroform	119.38	0.099	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.085	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.068		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.080	J	0.20	0.038
71-43-2	Benzene	78.11	0.29		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.25		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.16	J	0.50	0.13
108-88-3	Toluene	92.14	0.74		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.18	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.44	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.22		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.066	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.092	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.43		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-1 Lab Sample ID: 200-66741-1

Matrix: Air Lab File ID: 200-54301-008.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:43

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 17:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.35		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 Lab Sample ID: 200-66741-2

Matrix: Air Lab File ID: 200-54301-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	3.6		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0		1.0	0.31
106-97-8	n-Butane	58.12	4.3		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.42	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	7.9	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	11	J	12	3.9
75-15-0	Carbon disulfide	76.14	0.69	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	3.0		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.20	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.27		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.79		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 | Lab Sample ID: 200-66741-2

Matrix: Air | Lab File ID: 200-54301-009.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.48	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	1.4	B	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.39	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.64	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.47	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.47	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 Lab Sample ID: 200-66741-2

Matrix: Air Lab File ID: 200-54301-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 Lab Sample ID: 200-66741-2

Matrix: Air Lab File ID: 200-54301-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	1.0		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.51		0.50	0.15
106-97-8	n-Butane	58.12	1.8		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.055	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.3	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	4.6	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.22	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.86		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.058	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.044		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.25		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 Lab Sample ID: 200-66741-2

Matrix: Air Lab File ID: 200-54301-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.12	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.38	B	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.090	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.15	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.11	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.095	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-1 Lab Sample ID: 200-66741-2

Matrix: Air Lab File ID: 200-54301-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:12

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 18:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 | Lab Sample ID: 200-66741-3

Matrix: Air | Lab File ID: 200-54301-010.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.9		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.70	J	1.0	0.31
106-97-8	n-Butane	58.12	12		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.9		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.43	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	19		12	3.8
67-63-0	Isopropyl alcohol	60.10	270	E	12	3.9
75-15-0	Carbon disulfide	76.14	1.8		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	0.71	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.52	J	0.79	0.091
110-54-3	n-Hexane	86.17	7.3		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	1.1		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0		0.20	0.083
67-66-3	Chloroform	119.38	2.8		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.8		1.1	0.24
110-82-7	Cyclohexane	84.16	1.1		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	3.2		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	1.5		0.93	0.18
71-43-2	Benzene	78.11	2.4		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 Lab Sample ID: 200-66741-3

Matrix: Air Lab File ID: 200-54301-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	3.2		0.82	0.23
79-01-6	Trichloroethene	131.39	4.1		0.19	0.13
80-62-6	Methyl methacrylate	100.12	1.7	J	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.69	J	2.0	0.53
108-88-3	Toluene	92.14	11		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	2.6		0.87	0.23
179601-23-1	m,p-Xylene	106.17	8.1		2.2	0.41
95-47-6	o-Xylene	106.17	2.4		0.87	0.23
100-42-5	Styrene	104.15	0.58	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.32	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.50	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.45	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.9		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 Lab Sample ID: 200-66741-3

Matrix: Air Lab File ID: 200-54301-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.6		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 | Lab Sample ID: 200-66741-3

Matrix: Air | Lab File ID: 200-54301-010.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.40	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.53		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.34	J	0.50	0.15
106-97-8	n-Butane	58.12	5.1		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.35		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.056	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	7.9		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	110	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.57		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.20	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.13	J	0.20	0.023
110-54-3	n-Hexane	86.17	2.1		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.27		0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.49		0.050	0.021
67-66-3	Chloroform	119.38	0.58		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.32		0.20	0.044
110-82-7	Cyclohexane	84.16	0.33		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.51		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.33		0.20	0.038
71-43-2	Benzene	78.11	0.77		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 Lab Sample ID: 200-66741-3

Matrix: Air Lab File ID: 200-54301-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.79		0.20	0.055
79-01-6	Trichloroethene	131.39	0.77		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.40	J	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.17	J	0.50	0.13
108-88-3	Toluene	92.14	2.9		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.59		0.20	0.052
179601-23-1	m,p-Xylene	106.17	1.9		0.50	0.095
95-47-6	o-Xylene	106.17	0.56		0.20	0.052
100-42-5	Styrene	104.15	0.14	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.065	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.10	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.091	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.38		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-2 Lab Sample ID: 200-66741-3

Matrix: Air Lab File ID: 200-54301-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 19:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.26		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 | Lab Sample ID: 200-66741-4

Matrix: Air | Lab File ID: 200-54301-011.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.9		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.97	J	1.0	0.31
106-97-8	n-Butane	58.12	39		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.46	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	15		12	3.8
67-63-0	Isopropyl alcohol	60.10	27		12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	0.87	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.81		0.79	0.091
110-54-3	n-Hexane	86.17	5.8		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	1.9		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.32		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	4.5		0.93	0.18
71-43-2	Benzene	78.11	2.4		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 Lab Sample ID: 200-66741-4

Matrix: Air Lab File ID: 200-54301-011.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	4.3		0.82	0.23
79-01-6	Trichloroethene	131.39	0.20		0.19	0.13
80-62-6	Methyl methacrylate	100.12	1.1	J	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.1		2.0	0.53
108-88-3	Toluene	92.14	15		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.64	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	2.6		0.87	0.23
179601-23-1	m,p-Xylene	106.17	8.3		2.2	0.41
95-47-6	o-Xylene	106.17	2.8		0.87	0.23
100-42-5	Styrene	104.15	0.79	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.28	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.44	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.54	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.60	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	0.25	J	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	2.3		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 Lab Sample ID: 200-66741-4

Matrix: Air Lab File ID: 200-54301-011.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 Lab Sample ID: 200-66741-4

Matrix: Air Lab File ID: 200-54301-011.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.43	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.83		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.47	J	0.50	0.15
106-97-8	n-Butane	58.12	16		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.21		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.060	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	6.2		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	11		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.25	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.21		0.20	0.023
110-54-3	n-Hexane	86.17	1.6		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.55		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.051		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.97		0.20	0.038
71-43-2	Benzene	78.11	0.76		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 Lab Sample ID: 200-66741-4

Matrix: Air Lab File ID: 200-54301-011.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	1.0		0.20	0.055
79-01-6	Trichloroethene	131.39	0.037		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.28	J	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.2		0.50	0.13
108-88-3	Toluene	92.14	3.9		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.094	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.59		0.20	0.052
179601-23-1	m,p-Xylene	106.17	1.9		0.50	0.095
95-47-6	o-Xylene	106.17	0.65		0.20	0.052
100-42-5	Styrene	104.15	0.19	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.056	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.089	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.11	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.12	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.049	J	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.46		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-2 Lab Sample ID: 200-66741-4

Matrix: Air Lab File ID: 200-54301-011.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 Lab Sample ID: 200-66741-6

Matrix: Air Lab File ID: 200-54301-012.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.8		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0		1.0	0.31
106-97-8	n-Butane	58.12	15		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	16		12	3.8
67-63-0	Isopropyl alcohol	60.10	8.4	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	1.7		0.79	0.091
110-54-3	n-Hexane	86.17	2.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.6		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.68	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.25		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	1.6		0.93	0.18
71-43-2	Benzene	78.11	1.2		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 | Lab Sample ID: 200-66741-6

Matrix: Air | Lab File ID: 200-54301-012.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.5		0.82	0.23
79-01-6	Trichloroethene	131.39	0.14	J	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.3		2.0	0.53
108-88-3	Toluene	92.14	5.7		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.28	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.2	B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	3.1		2.2	0.41
95-47-6	o-Xylene	106.17	1.3		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.23	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.29	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.30	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	0.36	J	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 Lab Sample ID: 200-66741-6

Matrix: Air Lab File ID: 200-54301-012.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 Lab Sample ID: 200-66741-6

Matrix: Air Lab File ID: 200-54301-012.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.44	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.79		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.48		0.50	0.15
106-97-8	n-Butane	58.12	6.1		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.21		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	6.6		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	3.4	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.42		0.20	0.023
110-54-3	n-Hexane	86.17	0.75		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.53		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.040		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.35		0.20	0.038
71-43-2	Benzene	78.11	0.39		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 Lab Sample ID: 200-66741-6

Matrix: Air Lab File ID: 200-54301-012.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.37		0.20	0.055
79-01-6	Trichloroethene	131.39	0.026	J	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.80		0.50	0.13
108-88-3	Toluene	92.14	1.5		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.042	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.27	B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.71		0.50	0.095
95-47-6	o-Xylene	106.17	0.29		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.047	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.060	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.061	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.066	J	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-3 Lab Sample ID: 200-66741-6

Matrix: Air Lab File ID: 200-54301-012.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:03

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 Lab Sample ID: 200-66741-7

Matrix: Air Lab File ID: 200-54301-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	5.1		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.45	J	1.0	0.31
106-97-8	n-Butane	58.12	6.2		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.43	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	42		12	3.8
67-63-0	Isopropyl alcohol	60.10	390	E	12	3.9
75-15-0	Carbon disulfide	76.14	0.55	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	3.4		0.79	0.091
110-54-3	n-Hexane	86.17	2.9		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	4.6		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.5		0.20	0.083
67-66-3	Chloroform	119.38	0.34	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.46	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.33		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.75	J	0.93	0.18
71-43-2	Benzene	78.11	1.5		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 | Lab Sample ID: 200-66741-7

Matrix: Air | Lab File ID: 200-54301-013.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.2		0.82	0.23
79-01-6	Trichloroethene	131.39	4.3		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.63	J	2.0	0.53
108-88-3	Toluene	92.14	7.0		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.1	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.4	B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	4.4		2.2	0.41
95-47-6	o-Xylene	106.17	1.6		0.87	0.23
100-42-5	Styrene	104.15	0.58	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.27	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.40	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.47	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	2.1		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 Lab Sample ID: 200-66741-7

Matrix: Air Lab File ID: 200-54301-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	4.0		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 Lab Sample ID: 200-66741-7

Matrix: Air Lab File ID: 200-54301-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	1.4		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.22	J	0.50	0.15
106-97-8	n-Butane	58.12	2.6		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.056	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	18		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	160	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.18	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.85		0.20	0.023
110-54-3	n-Hexane	86.17	0.83		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.6		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.39		0.050	0.021
67-66-3	Chloroform	119.38	0.070	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.13	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.052		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.16	J	0.20	0.038
71-43-2	Benzene	78.11	0.47		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 Lab Sample ID: 200-66741-7

Matrix: Air Lab File ID: 200-54301-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.30		0.20	0.055
79-01-6	Trichloroethene	131.39	0.81		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.15	J	0.50	0.13
108-88-3	Toluene	92.14	1.9		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.17	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.33	B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	1.0		0.50	0.095
95-47-6	o-Xylene	106.17	0.36		0.20	0.052
100-42-5	Styrene	104.15	0.14	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.056	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.082	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.095	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.42		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-4 Lab Sample ID: 200-66741-7

Matrix: Air Lab File ID: 200-54301-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:13

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.67		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 | Lab Sample ID: 200-66741-8

Matrix: Air | Lab File ID: 200-54301-014.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) | Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.9		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	5.4		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	26		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.47	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	41		12	3.8
67-63-0	Isopropyl alcohol	60.10	14		12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	5.9		0.79	0.091
110-54-3	n-Hexane	86.17	3.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	4.2		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.85		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	2.2		0.93	0.18
71-43-2	Benzene	78.11	1.3		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 Lab Sample ID: 200-66741-8

Matrix: Air Lab File ID: 200-54301-014.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.7		0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.5	J	2.0	0.53
108-88-3	Toluene	92.14	9.0		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.7	B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	5.4		2.2	0.41
95-47-6	o-Xylene	106.17	1.9		0.87	0.23
100-42-5	Styrene	104.15	0.73	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.47	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.26	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.41	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.41	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.6		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	0.79	J	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 Lab Sample ID: 200-66741-8

Matrix: Air Lab File ID: 200-54301-014.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 Lab Sample ID: 200-66741-8

Matrix: Air Lab File ID: 200-54301-014.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	1.5		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.51		0.50	0.15
106-97-8	n-Butane	58.12	11		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.061	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	17		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.7		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	1.5		0.20	0.023
110-54-3	n-Hexane	86.17	0.92		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.4		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.25		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.034		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.47		0.20	0.038
71-43-2	Benzene	78.11	0.42		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 Lab Sample ID: 200-66741-8

Matrix: Air Lab File ID: 200-54301-014.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.43		0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.37	J	0.50	0.13
108-88-3	Toluene	92.14	2.4		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.39	B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	1.2		0.50	0.095
95-47-6	o-Xylene	106.17	0.43		0.20	0.052
100-42-5	Styrene	104.15	0.17	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.096	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.052	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.084	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.083	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.33		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.14	J	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-4 Lab Sample ID: 200-66741-8

Matrix: Air Lab File ID: 200-54301-014.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:14

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 | Lab Sample ID: 200-66741-9

Matrix: Air | Lab File ID: 200-54301-015.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) | Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.1		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	25		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.2		1.0	0.31
106-97-8	n-Butane	58.12	2.4		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.58	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	23		12	3.8
67-63-0	Isopropyl alcohol	60.10	330	E	12	3.9
75-15-0	Carbon disulfide	76.14	0.77	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.3	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	5.7		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.80		0.20	0.083
67-66-3	Chloroform	119.38	0.49	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.41	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.58		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.46	J	0.93	0.18
71-43-2	Benzene	78.11	1.1		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 | Lab Sample ID: 200-66741-9

Matrix: Air | Lab File ID: 200-54301-015.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) | Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.8		0.82	0.23
79-01-6	Trichloroethene	131.39	9.5		0.19	0.13
80-62-6	Methyl methacrylate	100.12	0.63	J	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.78	J	2.0	0.53
108-88-3	Toluene	92.14	4.1		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.30	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.90	J	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.3	B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	3.8		2.2	0.41
95-47-6	o-Xylene	106.17	1.4		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.28	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.34	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.38	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	2.9		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 Lab Sample ID: 200-66741-9

Matrix: Air Lab File ID: 200-54301-015.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	4.1		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 Lab Sample ID: 200-66741-9

Matrix: Air Lab File ID: 200-54301-015.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.63		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	7.0		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.60		0.50	0.15
106-97-8	n-Butane	58.12	0.99		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.29		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.076	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	9.7		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	140	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.25	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.37	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.77		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.9		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.20		0.050	0.021
67-66-3	Chloroform	119.38	0.10	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.12	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.092		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.098	J	0.20	0.038
71-43-2	Benzene	78.11	0.35		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 Lab Sample ID: 200-66741-9

Matrix: Air Lab File ID: 200-54301-015.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.43		0.20	0.055
79-01-6	Trichloroethene	131.39	1.8		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.15	J	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.19	J	0.50	0.13
108-88-3	Toluene	92.14	1.1		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.044	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.22	J	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.30	B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.88		0.50	0.095
95-47-6	o-Xylene	106.17	0.31		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.057	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.070	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.077	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.60		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5 Lab Sample ID: 200-66741-9

Matrix: Air Lab File ID: 200-54301-015.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:36

Sample wt/vol: 414(mL) Date Analyzed: 02/11/2023 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.68		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	12		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.98	J	1.0	0.31
106-97-8	n-Butane	58.12	5.3		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.14	J	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.44	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	15		12	3.8
67-63-0	Isopropyl alcohol	60.10	24		12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.4		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.1		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.25	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.44	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.30		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.56	J	0.93	0.18
71-43-2	Benzene	78.11	0.94		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.1		0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	2.2		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.25	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.63	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	1.4	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.71	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.72	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.45	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	3.5		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.47	J	0.50	0.15
106-97-8	n-Butane	58.12	2.2		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.063	J	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.057	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	6.3		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	9.7		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.68		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.71		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.052	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.13	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.047		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	J	0.20	0.038
71-43-2	Benzene	78.11	0.30		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.27		0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.57		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.038	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.15	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.32	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.16	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.15	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5 Lab Sample ID: 200-66741-10

Matrix: Air Lab File ID: 200-54301-023.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:39

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 06:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D Lab Sample ID: 200-66741-11

Matrix: Air Lab File ID: 200-54301-024.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	20		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.60	J	1.0	0.31
106-97-8	n-Butane	58.12	2.4		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.48	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	21		12	3.8
67-63-0	Isopropyl alcohol	60.10	300	E	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	7.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	4.8		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.57		0.20	0.083
67-66-3	Chloroform	119.38	0.44	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	2.1		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.43		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.61	J	0.93	0.18
71-43-2	Benzene	78.11	1.1		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D | Lab Sample ID: 200-66741-11

Matrix: Air | Lab File ID: 200-54301-024.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) | Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188367 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	7.5		0.82	0.23
79-01-6	Trichloroethene	131.39	8.4		0.19	0.13
80-62-6	Methyl methacrylate	100.12	1.2	J	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.59	J	2.0	0.53
108-88-3	Toluene	92.14	10		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.58	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.81	J	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	4.5		0.87	0.23
179601-23-1	m,p-Xylene	106.17	15		2.2	0.41
95-47-6	o-Xylene	106.17	5.2		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.38	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.78	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	1.3		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	1.2		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	0.47	J	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	4.8		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D Lab Sample ID: 200-66741-11

Matrix: Air Lab File ID: 200-54301-024.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	3.9		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D Lab Sample ID: 200-66741-11

Matrix: Air Lab File ID: 200-54301-024.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	5.8		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.29	J	0.50	0.15
106-97-8	n-Butane	58.12	0.99		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.062	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	8.8		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	120	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.1		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.6		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.14		0.050	0.021
67-66-3	Chloroform	119.38	0.090	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.60		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.069		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.13	J	0.20	0.038
71-43-2	Benzene	78.11	0.33		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D Lab Sample ID: 200-66741-11

Matrix: Air Lab File ID: 200-54301-024.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	1.8		0.20	0.055
79-01-6	Trichloroethene	131.39	1.6		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.28	J	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.14	J	0.50	0.13
108-88-3	Toluene	92.14	2.7		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.086	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.20	J	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	1.0		0.20	0.052
179601-23-1	m,p-Xylene	106.17	3.4		0.50	0.095
95-47-6	o-Xylene	106.17	1.2		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.077	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.16	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.27		0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.25		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.091	J	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-5D Lab Sample ID: 200-66741-11

Matrix: Air Lab File ID: 200-54301-024.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:37

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 07:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.65		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	15		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.2		1.0	0.31
106-97-8	n-Butane	58.12	4.1		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.45	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	11	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	17		12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.28	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.37	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.30		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.56	J	0.93	0.18
71-43-2	Benzene	78.11	0.66		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.93		0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	1.7	B	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.58	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.87	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.69	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.79	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.45	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	4.2		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.57		0.50	0.15
106-97-8	n-Butane	58.12	1.7		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.19		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.059	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	4.5	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	6.8		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.33	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.058	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.11	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.048		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	J	0.20	0.038
71-43-2	Benzene	78.11	0.21		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.23		0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.46	B	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.13	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.20	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.16	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.16	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-5D Lab Sample ID: 200-66741-12

Matrix: Air Lab File ID: 200-54301-025.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:08

Sample wt/vol: 200(mL) Date Analyzed: 02/12/2023 08:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 Lab Sample ID: 200-66741-13

Matrix: Air Lab File ID: 54318-014.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.7		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.88	J	1.0	0.31
106-97-8	n-Butane	58.12	12		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.27	J	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	2.2		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.47	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	22		12	3.8
67-63-0	Isopropyl alcohol	60.10	290	E	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	8.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.7		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.30	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.95		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.62		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	1.3		0.93	0.18
71-43-2	Benzene	78.11	2.1		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 | Lab Sample ID: 200-66741-13

Matrix: Air | Lab File ID: 54318-014.d

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) | Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	1.3		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	6.9		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.35	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.1	J	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	41		0.87	0.23
179601-23-1	m,p-Xylene	106.17	160		2.2	0.41
95-47-6	o-Xylene	106.17	40		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.70	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	1.7		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	3.5		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.4		1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 Lab Sample ID: 200-66741-13

Matrix: Air Lab File ID: 54318-014.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	3.4		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 Lab Sample ID: 200-66741-13

Matrix: Air Lab File ID: 54318-014.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.77		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.43	J	0.50	0.15
106-97-8	n-Butane	58.12	4.9		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.12	J	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.39		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.061	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	9.4		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	120	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.5		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.91		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.062	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.28		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.098		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.28		0.20	0.038
71-43-2	Benzene	78.11	0.67		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 Lab Sample ID: 200-66741-13

Matrix: Air Lab File ID: 54318-014.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.25		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	1.8		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.052	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.26	J	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	9.5		0.20	0.052
179601-23-1	m,p-Xylene	106.17	38		0.50	0.095
95-47-6	o-Xylene	106.17	9.2		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.14	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.35		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.72		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.26		0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-6 Lab Sample ID: 200-66741-13

Matrix: Air Lab File ID: 54318-014.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:33

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.56		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.2		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	13		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	11	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	4.5	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.1		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.32		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	1.7		0.93	0.18
71-43-2	Benzene	78.11	0.90		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.6		0.82	0.23
79-01-6	Trichloroethene	131.39	0.37		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	5.6		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.42	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.1		0.87	0.23
179601-23-1	m,p-Xylene	106.17	3.5		2.2	0.41
95-47-6	o-Xylene	106.17	1.1		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.25	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.80	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.63		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.52		0.50	0.15
106-97-8	n-Butane	58.12	5.4		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.19		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	4.8	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	1.8	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.61		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.050		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.36		0.20	0.038
71-43-2	Benzene	78.11	0.28		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.40		0.20	0.055
79-01-6	Trichloroethene	131.39	0.070		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	1.5		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.062	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.25		0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.80		0.50	0.095
95-47-6	o-Xylene	106.17	0.25		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.051	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.16	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-6 Lab Sample ID: 200-66741-14

Matrix: Air Lab File ID: 54318-015.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:00

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 Lab Sample ID: 200-66741-15

Matrix: Air Lab File ID: 54318-016.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.8		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	9.5		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.77	J	1.0	0.31
106-97-8	n-Butane	58.12	2.5		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.086	J	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	4.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.43	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	38		12	3.8
67-63-0	Isopropyl alcohol	60.10	380	E	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	3.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	4.3		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.29	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.44		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	J	0.93	0.18
71-43-2	Benzene	78.11	1.1		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 | Lab Sample ID: 200-66741-15

Matrix: Air | Lab File ID: 54318-016.d

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) | Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.76		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.55	J	2.0	0.53
108-88-3	Toluene	92.14	3.1		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.41	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.59	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.1	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.81	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.27	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.5		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 Lab Sample ID: 200-66741-15

Matrix: Air Lab File ID: 54318-016.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	4.2		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 | Lab Sample ID: 200-66741-15

Matrix: Air | Lab File ID: 54318-016.d

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) | Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.78		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	2.7		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.37	J	0.50	0.15
106-97-8	n-Butane	58.12	1.0		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.039	J	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.78		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.056	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	16		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	150	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.91		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.085	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.070		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.085	J	0.20	0.038
71-43-2	Benzene	78.11	0.35		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 Lab Sample ID: 200-66741-15

Matrix: Air Lab File ID: 54318-016.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.14		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.14	J	0.50	0.13
108-88-3	Toluene	92.14	0.81		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.060	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.13	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.49	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.19	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.056	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.30		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-7 Lab Sample ID: 200-66741-15

Matrix: Air Lab File ID: 54318-016.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:24

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.69		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 Lab Sample ID: 200-66741-16

Matrix: Air Lab File ID: 54318-017.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.3		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	4.1		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.44	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	8.1	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	9.5	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.19	J	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.61	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 | Lab Sample ID: 200-66741-16

Matrix: Air | Lab File ID: 54318-017.d

Analysis Method: TO-15 | Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) | Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.47	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.89		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.60	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.43	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 Lab Sample ID: 200-66741-16

Matrix: Air Lab File ID: 54318-017.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 Lab Sample ID: 200-66741-16

Matrix: Air Lab File ID: 54318-017.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.66		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.55		0.50	0.15
106-97-8	n-Butane	58.12	1.7		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.22		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.057	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.4	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	3.9	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.31	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.49		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.029	J	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.19	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 Lab Sample ID: 200-66741-16

Matrix: Air Lab File ID: 54318-017.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.11	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.24		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.089	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.099	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-7 Lab Sample ID: 200-66741-16

Matrix: Air Lab File ID: 54318-017.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:22

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.9		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.74	J	1.0	0.31
106-97-8	n-Butane	58.12	6.1		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	2.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.44	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	38		12	3.8
67-63-0	Isopropyl alcohol	60.10	340	E	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	0.75	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	2.9		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.2		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.42	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.40		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	J	0.93	0.18
71-43-2	Benzene	78.11	1.0		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	2.8		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.33	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.63	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2		2.2	0.41
95-47-6	o-Xylene	106.17	0.87		0.87	0.23
100-42-5	Styrene	104.15	0.26	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.26	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.31	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.2		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	4.5		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.83		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.36	J	0.50	0.15
106-97-8	n-Butane	58.12	2.6		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.38		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.057	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	16		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	140	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.22	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.82		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.1		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.12	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.064		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.085	J	0.20	0.038
71-43-2	Benzene	78.11	0.32		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ___ % Solids: ___ Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.75		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.049	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.14	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.51		0.50	0.095
95-47-6	o-Xylene	106.17	0.20		0.20	0.052
100-42-5	Styrene	104.15	0.061	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.052	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.062	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.25		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-8 Lab Sample ID: 200-66741-17

Matrix: Air Lab File ID: 54318-018.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:54

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.76		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	3.3		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	6.7		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.44	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	6.6	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	6.5	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.69	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.4	J	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.26	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.36		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.48	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.72	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.76		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.24	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.78	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.33	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.43	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.95		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.52		0.50	0.15
106-97-8	n-Butane	58.12	2.8		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.19		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.057	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	2.8	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	2.6	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.52		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.46	J	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.076	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.058		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.15	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.18	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.056	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.18	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.077	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-8 Lab Sample ID: 200-66741-18

Matrix: Air Lab File ID: 54318-019.d

Analysis Method: TO-15 Date Collected: 01/28/2023 18:21

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 01:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 Lab Sample ID: 200-66741-19

Matrix: Air Lab File ID: 54318-020.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	3.2		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.2		1.0	0.31
106-97-8	n-Butane	58.12	44		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	11	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	13		12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.64	J	0.79	0.091
110-54-3	n-Hexane	86.17	6.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	1.5		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.32		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	5.9		0.93	0.18
71-43-2	Benzene	78.11	2.0		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 | Lab Sample ID: 200-66741-19

Matrix: Air | Lab File ID: 54318-020.d

Analysis Method: TO-15 | Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) | Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	2.6		0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.6		2.0	0.53
108-88-3	Toluene	92.14	18		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.18	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.23
179601-23-1	m,p-Xylene	106.17	4.4		2.2	0.41
95-47-6	o-Xylene	106.17	1.3		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 Lab Sample ID: 200-66741-19

Matrix: Air Lab File ID: 54318-020.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 Lab Sample ID: 200-66741-19

Matrix: Air Lab File ID: 54318-020.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.89		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.56		0.50	0.15
106-97-8	n-Butane	58.12	19		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	4.7	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.2		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	J	0.20	0.023
110-54-3	n-Hexane	86.17	1.7		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.49		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.43		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.050		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	1.3		0.20	0.038
71-43-2	Benzene	78.11	0.64		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 Lab Sample ID: 200-66741-19

Matrix: Air Lab File ID: 54318-020.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.63		0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.65		0.50	0.13
108-88-3	Toluene	92.14	4.7		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.026	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.36		0.20	0.052
179601-23-1	m,p-Xylene	106.17	1.0		0.50	0.095
95-47-6	o-Xylene	106.17	0.29		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-9 Lab Sample ID: 200-66741-19

Matrix: Air Lab File ID: 54318-020.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:39

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 02:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.4	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	5.8		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.2		1.0	0.31
106-97-8	n-Butane	58.12	5.4		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.41	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	5.9	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	5.6	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.4	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.31		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.18	J	0.93	0.18
71-43-2	Benzene	78.11	0.56	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.99		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.50	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.48	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	1.6		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.60		0.50	0.15
106-97-8	n-Butane	58.12	2.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.053	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	2.5	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	2.3	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.39	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.049		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.039	J	0.20	0.038
71-43-2	Benzene	78.11	0.17	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.26		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: IA-10 Lab Sample ID: 200-66741-20

Matrix: Air Lab File ID: 54318-021.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:55

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 03:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.9	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.90	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	2.7		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.41	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.26		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.39	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.40	J	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.39	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.25	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.53		0.50	0.15
106-97-8	n-Butane	58.12	1.1		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.054	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.041		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.12	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.11	J	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-1 Lab Sample ID: 200-66741-21

Matrix: Air Lab File ID: 54318-022.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:51

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.89	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	8.8	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	8.0	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.2	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.5	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.4	J	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.47	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.27		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.67		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	2.3		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.50	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.40	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.25	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.53		0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.7	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	3.2	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.33	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.43	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.46	J	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.14	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.042		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.21		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.61		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.12	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2 Lab Sample ID: 200-66741-22

Matrix: Air Lab File ID: 54318-023.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 05:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.1	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	2.0		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.45	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	17		12	3.8
67-63-0	Isopropyl alcohol	60.10	36		12	3.9
75-15-0	Carbon disulfide	76.14	2.8		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	4.1		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	7.2		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.3		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	1.8		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.35		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.44	J	0.93	0.18
71-43-2	Benzene	78.11	1.4		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	9.9		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.52	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.71	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	1.9	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.77	J	0.87	0.23
100-42-5	Styrene	104.15	0.46	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.52	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.30	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.56		0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.35		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.058	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	7.3		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	15		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.89		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	1.2		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	2.0		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.1		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.52		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.055		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.094	J	0.20	0.038
71-43-2	Benzene	78.11	0.45		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	2.6		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.077	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.16	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.44	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.18	J	0.20	0.052
100-42-5	Styrene	104.15	0.11	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.11	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-2DB Lab Sample ID: 200-66741-24

Matrix: Air Lab File ID: 54318-024.d

Analysis Method: TO-15 Date Collected: 01/28/2023 17:32

Sample wt/vol: 276(mL) Date Analyzed: 02/15/2023 06:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.8	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.83	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.97	J	1.0	0.31
106-97-8	n-Butane	58.12	1.3		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.93	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.28		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.30	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.19	J	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ___ % Solids: ___ Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.36	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.23	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.47	J	0.50	0.15
106-97-8	n-Butane	58.12	0.54		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.17	J	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.045		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.093	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.051	J	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: OA-3 Lab Sample ID: 200-66741-25

Matrix: Air Lab File ID: 54318-025.d

Analysis Method: TO-15 Date Collected: 01/28/2023 16:29

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	3.6		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	14		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	2.8		1.0	0.31
106-97-8	n-Butane	58.12	7.2		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	2.5		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	1500	E	12	3.8
67-63-0	Isopropyl alcohol	60.10	110	E	12	3.9
75-15-0	Carbon disulfide	76.14	0.72	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	38		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.32	J	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.13	J	0.79	0.091
110-54-3	n-Hexane	86.17	1.4	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	29		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.20	J	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	1.6		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.41	J	0.81	0.38
142-82-5	n-Heptane	100.21	5.9		0.82	0.23
79-01-6	Trichloroethene	131.39	0.34		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.6	J	2.0	0.53
108-88-3	Toluene	92.14	1.1		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.33	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.2		2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.54	J	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.69	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.87	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.59	J B	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.47	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.9		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	3.1		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.73		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	3.9		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	1.4		0.50	0.15
106-97-8	n-Butane	58.12	3.0		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.44		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	650	E	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	45	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.23	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	12		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.089	J	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.032	J	0.20	0.023
110-54-3	n-Hexane	86.17	0.39	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	10		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.032	J	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.51		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.10	J	0.20	0.093
142-82-5	n-Heptane	100.21	1.4		0.20	0.055
79-01-6	Trichloroethene	131.39	0.063		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.38	J	0.50	0.13
108-88-3	Toluene	92.14	0.29		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.049	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3		0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.12	J	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.16	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.20	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.14	J B	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.095	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.38		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-1 Lab Sample ID: 200-66741-26

Matrix: Air Lab File ID: 200-54336-009.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:24

Sample wt/vol: 378(mL) Date Analyzed: 02/15/2023 15:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.51		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.0		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	2.7		1.0	0.31
106-97-8	n-Butane	58.12	7.7		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	4.5		0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	730	E	12	3.8
67-63-0	Isopropyl alcohol	60.10	86		12	3.9
75-15-0	Carbon disulfide	76.14	0.70	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	0.69	J	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	25		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.25	J	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.12	J	0.79	0.091
110-54-3	n-Hexane	86.17	1.0	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.42	J	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	15		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.79	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	0.56	J	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.95		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	1.1		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	2.9		0.82	0.23
79-01-6	Trichloroethene	131.39	0.52		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.85	J	2.0	0.53
108-88-3	Toluene	92.14	1.7		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.50	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.4		2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.53	J B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.84	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.47	J B	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.1	J	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.57		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	1.3		0.50	0.15
106-97-8	n-Butane	58.12	3.2		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	2.0		0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	310	E	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	35		5.0	1.6
75-15-0	Carbon disulfide	76.14	0.22	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.20	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	8.3		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.070	J	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.031	J	0.20	0.023
110-54-3	n-Hexane	86.17	0.29	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.10	J	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	5.2		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.16	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.10	J	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.15		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.35		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.70		0.20	0.055
79-01-6	Trichloroethene	131.39	0.097		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.21	J	0.50	0.13
108-88-3	Toluene	92.14	0.44		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.074	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.58		0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.12	J B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.19	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.11	J B	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-2 Lab Sample ID: 200-66741-27

Matrix: Air Lab File ID: 200-54336-010.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:26

Sample wt/vol: 262(mL) Date Analyzed: 02/15/2023 16:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.19	J	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 Lab Sample ID: 200-66741-28

Matrix: Air Lab File ID: 54358-17.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.6		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.1		1.0	0.31
106-97-8	n-Butane	58.12	2.6		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.63	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	8.1	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	4.7	J	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.8		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.34		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.48	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 | Lab Sample ID: 200-66741-28

Matrix: Air | Lab File ID: 54358-17.D

Analysis Method: TO-15 | Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) | Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188510 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.16	J	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.70	J	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 Lab Sample ID: 200-66741-28

Matrix: Air Lab File ID: 54358-17.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 Lab Sample ID: 200-66741-28

Matrix: Air Lab File ID: 54358-17.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.55		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.73		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.52		0.50	0.15
106-97-8	n-Butane	58.12	1.1		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.082	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.4	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	1.9	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.52		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.31	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.054		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.15	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 Lab Sample ID: 200-66741-28

Matrix: Air Lab File ID: 54358-17.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.030	J	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.19	J	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3 Lab Sample ID: 200-66741-28

Matrix: Air Lab File ID: 54358-17.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:27

Sample wt/vol: 312(mL) Date Analyzed: 02/17/2023 00:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.7	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.95	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.81	J	1.0	0.31
106-97-8	n-Butane	58.12	1.9		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.97	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	11	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.48	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.14	J	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.33	J	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.24		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.31	J	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.34	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.27	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.39	J	0.50	0.15
106-97-8	n-Butane	58.12	0.80		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.17	J	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	4.7	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.14	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.85		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.035	J	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.10	J	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.045		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.083	J	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: B-3D Lab Sample ID: 200-66741-29

Matrix: Air Lab File ID: 54358-18.D

Analysis Method: TO-15 Date Collected: 01/28/2023 17:28

Sample wt/vol: 348(mL) Date Analyzed: 02/17/2023 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.4		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.93	J	1.0	0.31
106-97-8	n-Butane	58.12	6.6		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.21	J	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	2.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.47	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	36		12	3.8
67-63-0	Isopropyl alcohol	60.10	280	E	12	3.9
75-15-0	Carbon disulfide	76.14	0.42	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	1.1		0.79	0.091
110-54-3	n-Hexane	86.17	9.6		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.18	J	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.3		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	3.7		0.20	0.083
67-66-3	Chloroform	119.38	0.21	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.2		1.1	0.24
110-82-7	Cyclohexane	84.16	0.75		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.36		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.87	J	0.93	0.18
71-43-2	Benzene	78.11	1.8		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	1.4		0.82	0.23
79-01-6	Trichloroethene	131.39	6.4		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.54	J	2.0	0.53
108-88-3	Toluene	92.14	5.7		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	0.54	J	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.2	B	0.87	0.23
179601-23-1	m,p-Xylene	106.17	3.3		2.2	0.41
95-47-6	o-Xylene	106.17	1.4	B	0.87	0.23
100-42-5	Styrene	104.15	0.42	J	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.20	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.23	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.32	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.32	J	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.4		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.78	J	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.69		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.45	J	0.50	0.15
106-97-8	n-Butane	58.12	2.8		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.097	J	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.43		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.061	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	15		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	110	E	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.14	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.27		0.20	0.023
110-54-3	n-Hexane	86.17	2.7		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.045	J	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.77		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.93		0.050	0.021
67-66-3	Chloroform	119.38	0.044	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.22		0.20	0.044
110-82-7	Cyclohexane	84.16	0.22		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.057		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	J	0.20	0.038
71-43-2	Benzene	78.11	0.58		0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.34		0.20	0.055
79-01-6	Trichloroethene	131.39	1.2		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.13	J	0.50	0.13
108-88-3	Toluene	92.14	1.5		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.079	J	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.27	B	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.77		0.50	0.095
95-47-6	o-Xylene	106.17	0.32	B	0.20	0.052
100-42-5	Styrene	104.15	0.098	J	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.040	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.048	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.065	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.065	J	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.29		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: EW-3B Lab Sample ID: 200-66741-30

Matrix: Air Lab File ID: 200-54336-013.D

Analysis Method: TO-15 Date Collected: 01/28/2023 18:40

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.13	J	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-188264/4	200-54269-004.D
Level 2	IC 200-188264/5	200-54269-005.D
Level 3	IC 200-188264/6	200-54269-006.D
Level 4	IC 200-188264/7	200-54269-007.D
Level 5	ICIS 200-188264/8	200-54269-008.D
Level 6	IC 200-188264/12	200-54269-012.D
Level 7	IC 200-188264/9	200-54269-009.D
Level 8	IC 200-188264/13	200-54269-013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.9933	+++++ 0.9875	+++++ 0.7265	0.8069	0.9561	Ave		0.8941				13.5		30.0			
Dichlorodifluoromethane	+++++ 4.5249	+++++ 4.4453	5.1902 3.4252	3.6294	4.2533	Ave		4.2447				15.1		30.0			
Chlorodifluoromethane	+++++ 2.4898	+++++ 2.3599	2.8426 1.8268	1.9541	2.2752	Ave		2.2914				16.1		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.5459	3.4257 3.4410	4.1957 2.6741	2.9061	3.3203	Ave		3.3584				14.5		30.0			
Chloromethane	+++++ 0.9494	+++++ 0.9265	1.2269 0.7075	0.8083	0.9088	Ave		0.9212				19.0		30.0			
n-Butane	+++++ 1.3818	+++++ 1.3814	1.7709 1.0288	1.1834	1.3796	Ave		1.3543				18.4		30.0			
Vinyl chloride	1.9595 1.0608	0.9638 1.0427	1.3426 0.7969	0.8618	1.0219	Ave		1.1312				32.9	*	30.0			
1,3-Butadiene	1.0381 0.7164	0.6531 0.7116	0.8744 0.5418	0.5789	0.6850	Ave		0.7249				22.3		30.0			
Bromomethane	+++++ 1.0975	1.1400 1.1064	1.4417 0.8758	0.9750	1.0954	Ave		1.1045				15.9		30.0			
Chloroethane	+++++ 0.3698	+++++ 0.3851	0.5207 0.2962	0.3605	0.3928	Ave		0.3875				19.0		30.0			
Isopentane	+++++ 0.8788	1.1187 0.9393	1.2623 0.6915	0.8779	0.9697	Ave		0.9626				19.1		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0828	1.0434 1.0880	1.2958 0.8476	0.9306	1.0689	Ave		1.0510				13.4		30.0			
Trichlorofluoromethane	+++++ 3.7647	3.9373 3.8400	4.8361 2.9767	3.3198	3.7863	Ave		3.7801				15.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.1926	+++++ 1.3516	1.7163 0.9658	1.2583	1.4255	Ave		1.3183				19.0		30.0			
Ethanol	+++++ 0.3448	+++++ 0.4104	0.4366 0.2921	0.3512	0.4135	Ave		0.3747				14.6		30.0			
Ethyl ether	+++++ 0.4388	0.5044 0.4759	0.7030 0.3576	0.4335	0.5078	Ave		0.4887				22.0		30.0			
Acrolein	+++++ 0.2375	+++++ 0.2723	+++++ 0.2021	0.2254	0.2762	Ave		0.2427				13.0		30.0			
1,1-Dichloroethene	1.6251 0.9172	0.9680 0.9428	1.2766 0.7230	0.7998	0.9848	Ave		1.0297				28.2		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 2.3086	2.5529 2.3738	3.0711 1.8371	2.0820	2.4370	Ave		2.3804				16.3		30.0			
Acetone	+++++ 1.2737	+++++ 1.5276	+++++ 1.1315	1.3433	1.6115	Ave		1.3775				14.0		30.0			
Isopropyl alcohol	+++++ 1.2777	+++++ 1.5130	+++++ 1.1101	1.4371	1.6716	Ave		1.4019				15.4		30.0			
Carbon disulfide	+++++ 2.6169	+++++ 2.7910	3.6848 2.1087	2.4602	2.9410	Ave		2.7671				19.3		30.0			
Acetonitrile	+++++ 0.4183	+++++ 0.4987	+++++ 0.3552	0.4598	0.5558	Ave		0.4575				16.7		30.0			
3-Chloropropene	+++++ 1.1224	1.3831 1.2453	1.6800 0.9149	1.1322	1.3133	Ave		1.2559				19.2		30.0			
Methylene Chloride	+++++ 1.1156	+++++ 1.2443	1.8155 0.9210	1.1990	1.3544	Ave		1.2750				23.7		30.0			
tert-Butyl alcohol	+++++ 1.6931	+++++ 1.9092	+++++ 1.4358	1.6543	1.9570	Ave		1.7299				12.2		30.0			
Acrylonitrile	+++++ 0.4319	+++++ 0.5012	0.6423 0.3630	0.4332	0.5335	Ave		0.4842				20.2		30.0			
trans-1,2-Dichloroethene	2.3164 1.5442	1.7582 1.6502	2.0972 1.2524	1.4690	1.7261	Ave		1.7267				19.8		30.0			
Methyl tert-butyl ether	+++++ 2.4006	2.6384 2.5695	3.3867 2.0004	2.1192	2.6794	Ave		2.5420				17.8		30.0			
n-Hexane	+++++ 1.0834	1.2172 1.1781	1.4553 0.8904	1.0474	1.2477	Ave		1.1599				15.3		30.0			
1,1-Dichloroethane	2.1178 1.7952	1.8386 1.8968	2.5212 1.4393	1.7455	1.9829	Ave		1.9172				16.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.0532	+++++ 2.3323	+++++ 1.7014	2.0300	2.4431	Ave		2.1120				13.7		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.3201	+++++ 0.3772	0.5055 0.2879	0.3059	0.3741	Ave		0.3618				21.9		30.0			
cis-1,2-Dichloroethene	1.6329 1.0136	1.0564 1.0571	1.3572 0.8242	0.9054	1.0434	Ave		1.1113				23.5		30.0			
Ethyl acetate	+++++ 0.0476	+++++ 0.0543	+++++ 0.0418	0.0408	0.0538	Ave		0.0477				13.4		30.0			
Tetrahydrofuran	+++++ 0.1336	+++++ 0.1778	+++++ 0.1176	0.1547	0.1726	Ave		0.1513				16.9		30.0			
Chloroform	+++++ 2.7944	3.0961 2.9218	3.9709 2.2518	2.6331	2.9950	Ave		2.9519				17.9		30.0			
1,1,1-Trichloroethane	+++++ 0.5479	0.5994 0.6375	0.7506 0.4590	0.5233	0.5742	Ave		0.5846				15.9		30.0			
Cyclohexane	+++++ 0.2034	0.2268 0.2467	0.2822 0.1749	0.2063	0.2260	Ave		0.2237				15.3		30.0			
Carbon tetrachloride	0.5002 0.6132	0.5359 0.7037	0.6973 0.5293	0.5396	0.6305	Ave		0.5937				13.3		30.0			
Benzene	+++++ 0.5816	0.7249 0.6338	0.8736 0.4467	0.5507	0.6390	Ave		0.6358				21.3		30.0			
1,2-Dichloroethane	+++++ 0.3886	0.3902 0.4245	0.5571 0.3021	0.3704	0.4104	Ave		0.4062				19.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.8365	0.8780 1.0514	1.1228 0.7282	0.8665	0.9822	Ave		0.9236				14.7		30.0			
n-Heptane	+++++ 0.3292	0.3470 0.4257	0.4240 0.2933	0.3530	0.4038	Ave		0.3680				13.8		30.0			
n-Butanol	+++++ 0.1167	+++++ 0.1613	+++++ 0.1164	0.1365	0.1469	Ave		0.1356				14.4		30.0			
Trichloroethene	0.6485 0.3574	0.3989 0.4260	0.4798 0.3140	0.3353	0.3830	Ave		0.4179				25.6		30.0			
1,2-Dichloropropane	+++++ 0.2431	0.2723 0.2683	0.3662 0.1842	0.2340	0.2629	Ave		0.2616				21.1		30.0			
Methyl methacrylate	+++++ 0.1764	+++++ 0.2271	0.2464 0.1618	0.1644	0.2149	Ave		0.1985				18.0		30.0			
Dibromomethane	+++++ 0.3556	0.3487 0.3913	0.4432 0.2992	0.2994	0.3378	Ave		0.3536				14.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 0.1163	0.1272 0.1436	0.1610 0.1025	0.1231	0.1414	Ave		0.1307				14.9		30.0			
Bromodichloromethane	+++++ 0.6480	0.6486 0.7415	0.8387 0.5375	0.6226	0.6799	Ave		0.6738				14.1		30.0			
cis-1,3-Dichloropropene	+++++ 0.4571	0.4461 0.5039	0.6369 0.3616	0.4037	0.4686	Ave		0.4683				18.7		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.4286	+++++ 0.5620	0.6544 0.4059	0.4362	0.5301	Ave		0.5029				19.2		30.0			
Toluene	+++++ 0.5308	0.5850 0.5033	0.6802 0.4025	0.4490	0.5273	Ave		0.5254				17.2		30.0			
n-Octane	+++++ 0.4890	0.4705 0.5688	0.6156 0.4096	0.4776	0.5469	Ave		0.5111				13.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.4189	0.3969 0.4811	0.5146 0.3553	0.3738	0.4345	Ave		0.4250				13.4		30.0			
1,1,2-Trichloroethane	+++++ 0.2829	0.2939 0.2833	0.4224 0.2225	0.2687	0.3052	Ave		0.2970				20.6		30.0			
Tetrachloroethene	0.7473 0.5212	0.5319 0.5179	0.6420 0.4355	0.4307	0.4979	Ave		0.5405				19.6		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.4711	+++++ 0.5519	0.7013 0.4331	0.4772	0.5668	Ave		0.5336				18.1		30.0			
Dibromochloromethane	+++++ 0.7937	0.6533 0.7569	0.8526 0.6065	0.6248	0.7084	Ave		0.7137				12.9		30.0			
1,2-Dibromoethane	+++++ 0.5892	0.5560 0.5782	0.6984 0.4540	0.4985	0.5664	Ave		0.5629				13.6		30.0			
Chlorobenzene	+++++ 0.7721	0.7748 0.7424	0.9565 0.5880	0.6209	0.7265	Ave		0.7402				16.2		30.0			
Ethylbenzene	+++++ 1.0908	1.3728 1.1411	1.5035 0.9003	0.9758	1.1444	Ave		1.1612				18.3		30.0			
m,p-Xylene	+++++ 0.4028	0.3804 0.4259	0.4843 0.3362	0.3435	0.4104	Ave		0.3977				12.8		30.0			
n-Nonane	+++++ 0.4535	0.4015 0.4894	0.5398 0.4014	0.4280	0.4925	Ave		0.4580				11.3		30.0			
o-Xylene	+++++ 0.3875	0.4799 0.4001	0.5231 0.3299	0.3321	0.3989	Ave		0.4074				17.6		30.0			
Styrene	+++++ 0.6234	0.4551 0.6606	0.6648 0.5460	0.4934	0.6327	Ave		0.5823				14.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.8312	0.5746 0.7769	0.7253 0.6523	0.5995	0.6805	Ave		0.6915				13.4		30.0			
Cumene	+++++ 1.1287	1.0639 1.1647	1.4029 0.9803	0.9546	1.1481	Ave		1.1205				13.3		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6580	0.7274 0.7106	0.9786 0.5592	0.6293	0.7386	Ave		0.7145				18.5		30.0			
1,2,3-Trichloropropane	+++++ 0.5586	+++++ 0.5965	0.8265 0.4724	0.5285	0.6210	Ave		0.6006				20.4		30.0			
n-Propylbenzene	+++++ 1.3015	1.3039 1.3935	1.7477 1.1848	1.1330	1.3817	Ave		1.3494				14.8		30.0			
2-Chlorotoluene	+++++ 0.9260	0.9348 0.9509	1.2060 0.8024	0.8000	0.9335	Ave		0.9362				14.4		30.0			
4-Ethyltoluene	+++++ 1.0588	0.9838 1.1334	1.2995 0.9781	0.8753	1.0812	Ave		1.0586				12.8		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9012	0.8459 0.9679	1.1419 0.8467	0.7306	0.9210	Ave		0.9079				14.0		30.0			
n-Decane	+++++ 0.4678	+++++ 0.5419	0.5124 0.4932	0.3742	0.5005	Ave		0.4817				12.0		30.0			
Alpha Methyl Styrene	+++++ 0.4566	0.3197 0.4935	0.4593 0.4327	0.3273	0.4432	Ave		0.4189				16.2		30.0			
tert-Butylbenzene	+++++ 0.8332	0.8575 0.8894	1.0511 0.7917	0.6487	0.8210	Ave		0.8418				14.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9242	0.9370 1.0005	1.1702 0.8813	0.7260	0.9347	Ave		0.9391				14.2		30.0			
sec-Butylbenzene	+++++ 1.2395	1.2234 1.3652	1.5649 1.2209	0.9677	1.2354	Ave		1.2596				14.3		30.0			
1,3-Dichlorobenzene	+++++ 0.6998	0.6962 0.7355	0.8322 0.6484	0.5513	0.6849	Ave		0.6926				12.3		30.0			
4-Isopropyltoluene	+++++ 1.0148	0.9040 1.1118	1.1825 1.0198	0.7264	1.0157	Ave		0.9964				14.8		30.0			
1,4-Dichlorobenzene	+++++ 0.7098	0.7072 0.7498	0.8101 0.6615	0.5495	0.6957	Ave		0.6977				11.5		30.0			
Benzyl chloride	+++++ 1.0258	0.7541 1.1144	1.1802 0.9477	0.7709	1.0299	Ave		0.9747				16.7		30.0			
n-Butylbenzene	+++++ 0.9436	0.9055 1.0887	1.1313 0.9957	0.7081	0.9600	Ave		0.9618				14.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.6808	0.6909 0.7253	0.8132 0.6274	0.5496	0.6894	Ave		0.6824				11.9		30.0			
n-Undecane	+++++ 0.4371	+++++ 0.5395	+++++ 0.5331	0.2444	0.4230	Ave		0.4354				27.4		30.0			
n-Dodecane	+++++ 0.2838	+++++ 0.3604	+++++ 0.3721	0.1919	0.2878	Ave		0.2992				24.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.4550	+++++ 0.5298	0.4915 0.4999	0.2720	0.4147	Ave		0.4438				21.0		30.0			
Hexachlorobutadiene	+++++ 0.4345	0.4208 0.5172	0.5330 0.4906	0.2726	0.3931	Ave		0.4374				20.4		30.0			
Naphthalene	+++++ 0.9462	+++++ 1.0703	1.0688 0.9914	0.5776	0.9307	Ave		0.9308				19.6		30.0			
1,2,3-Trichlorobenzene	+++++ 0.3391	+++++ 0.3901	0.3712 0.3690	0.1928	0.3071	Ave		0.3282				22.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 | Calibration End Date: 02/09/2023 01:11 | Calibration ID: 49840

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-188264/4	200-54269-004.D
Level 2	IC 200-188264/5	200-54269-005.D
Level 3	IC 200-188264/6	200-54269-006.D
Level 4	IC 200-188264/7	200-54269-007.D
Level 5	ICIS 200-188264/8	200-54269-008.D
Level 6	IC 200-188264/12	200-54269-012.D
Level 7	IC 200-188264/9	200-54269-009.D
Level 8	IC 200-188264/13	200-54269-013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 382637	+++++ 484170	+++++ 763333	115067	268169	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1743107	+++++ 2179520	69700 3598959	517552	1192988	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 959147	+++++ 1157081	38174 1919449	278656	638164	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1365983	18643 1687149	56344 2809751	414418	931297	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 365724	+++++ 454288	16476 743434	115270	254897	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 532299	+++++ 677322	23782 1080992	168754	386957	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1746 408637	5245 511238	18030 837380	122887	286622	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	925 275992	3554 348903	11742 569288	82554	192137	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 422784	6204 542481	19361 920238	139037	307231	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 142475	+++++ 188828	6993 311210	51412	110180	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 338530	6088 460530	16952 726552	125193	271983	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 417120	5678 533467	17401 890639	132700	299817	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1450256	21427 1882737	64945 3127751	473406	1062002	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 459439	+++++ 662672	23048 1014848	179432	399822	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 177467	+++++ 402528	58698 767184	100223	174027	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 | Calibration End Date: 02/09/2023 01:11 | Calibration ID: 49840

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 169029	2745 233356	9441 375710	61820	142423	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 91474	+++++ 133518	+++++ 212358	32136	77477	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	1448 353334	5268 462251	17144 759633	114046	276228	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 889339	13893 1163859	41242 1930344	296889	683545	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 490666	+++++ 748969	+++++ 1188936	191552	451989	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 492198	+++++ 741815	+++++ 1166383	204935	468856	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1008108	+++++ 1368449	49483 2215643	350828	824900	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 161123	+++++ 244491	+++++ 373168	65568	155907	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 432376	7527 610584	22561 961346	161459	368365	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 429756	+++++ 610057	24381 967766	170973	379902	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 652219	+++++ 936075	+++++ 1508604	235905	548907	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 166384	+++++ 245751	8626 381453	61780	149646	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	2064 594871	9568 809076	28163 1315953	209482	484153	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 924775	14358 1259819	45480 2101897	302207	751532	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 417358	6624 577602	19543 935610	149363	349961	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1887 691541	10006 930001	33857 1512324	248914	556167	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 790935	+++++ 1143512	+++++ 1787717	289479	685247	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 123314	+++++ 184923	6788 302528	43619	104920	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1455 390485	5749 518311	18226 866025	129107	292650	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 18318	+++++ 26619	+++++ 43947	5823	15090	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	120066	276435	+++++	+++++	+++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 | Calibration End Date: 02/09/2023 01:11 | Calibration ID: 49840

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			301666	451255	696304			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1076479	16849 1432552	53325 2366068	375478	840039	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1236815	18076 1617843	55850 2717917	406131	919394	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 459060	6839 626002	20999 1035442	160083	361798	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2503 1384082	16161 1785984	51880 3134133	418833	1009511	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 1312889	21860 1608517	64998 2645465	427459	1023240	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 877085	11767 1077399	41451 1788899	287453	657097	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 1888185	26475 2668377	83542 4312083	672490	1572773	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 743068	10464 1080467	31551 1736624	273966	646609	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 263388	+++++ 409489	+++++ 689188	105942	235169	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	3245 806793	12030 1081186	35702 1859164	260263	613321	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 548695	8211 680984	27246 1090637	181599	420954	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 398170	+++++ 576262	18332 958101	127574	344020	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 802774	10516 993063	32973 1771693	232389	540922	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 262548	3837 364455	11979 606917	95532	226390	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1462643	19559 1881823	62407 3183134	483254	1088664	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1031811	13453 1278957	47390 2141284	313306	750394	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 967518	+++++ 1426432	48690 2403556	338555	848804	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 1064711	15793 1284632	44255 2271923	304356	743030	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 1103800	14187 1443472	45807 2425316	370690	875657	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 | Calibration End Date: 02/09/2023 01:11 | Calibration ID: 49840

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 945627	11968 1221086	38287 2103961	290124	695783	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 567475	7934 723060	27485 1256128	182161	430095	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd5	Ave	3303 1045437	14359 1321820	41772 2457862	291935	701631	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 944960	+++++ 1408645	45630 2444813	323451	798758	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1592073	17638 1931871	55473 3423080	423488	998326	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1181973	15011 1475726	45442 2562418	337870	798137	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 1548784	20917 1894934	62233 3318988	420850	1023859	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 2188080	37063 2912544	97825 5081417	661430	1612729	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 1615969	20540 2174297	63028 3795300	465709	1156597	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
n-Nonane	CBNZd5	Ave	+++++ 909811	10840 1249183	35121 2265449	290116	694104	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
o-Xylene	CBNZd5	Ave	+++++ 777236	12957 1021153	34038 1861831	225093	562192	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd5	Ave	+++++ 1250579	12287 1686086	43255 3081760	334400	891647	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd5	Ave	+++++ 1667316	15512 1983000	47194 3681851	406379	958947	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd5	Ave	+++++ 2264165	28723 2972711	91281 5532965	647063	1617947	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	19638	63675	426552	1040902	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 | Calibration End Date: 02/09/2023 01:11 | Calibration ID: 49840

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1319919	1813861	3156084			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	53778	358206	875177	+++++	+++++	0.500	4.99	10.00
			1120454	1522545	2666378			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	35203	113715	767966	1947063	+++++	0.200	0.500	4.99	10.00
			2610786	3556833	6687514			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	25238	78467	542267	1315581	+++++	0.200	0.500	4.99	10.00
			1857490	2427196	4529090			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	26562	84555	593324	1523623	+++++	0.200	0.500	4.99	10.00
			2123981	2892879	5520874			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	22839	74296	495191	1297935	+++++	0.200	0.500	4.99	10.00
			1807799	2470518	4778906			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	33338	253633	705366	+++++	+++++	0.500	4.99	10.00
			938336	1383183	2783673			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	8631	29885	221882	624567	+++++	0.200	0.500	4.99	10.00
			915886	1259742	2442522			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	23152	68388	439701	1157024	+++++	0.200	0.500	4.99	10.00
			1671423	2270072	4468860			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	25298	76140	492109	1317149	+++++	0.200	0.500	4.99	10.00
			1853888	2553695	4974182			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	33030	101818	655947	1740993	+++++	0.200	0.500	4.99	10.00
			2486486	3484545	6891033			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	18796	54149	373687	965185	+++++	0.200	0.500	4.99	10.00
			1403758	1877427	3659905			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	24406	76937	492361	1431330	+++++	0.200	0.500	4.99	10.00
			2035732	2837755	5756176			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	19093	52711	372460	980401	+++++	0.200	0.500	4.99	10.00
			1423929	1913905	3733482			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	20360	76789	522553	1451341	+++++	0.200	0.500	4.99	10.00
			2057728	2844518	5349386			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188264

SDG No.: 200-66741-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2023 17:19 Calibration End Date: 02/09/2023 01:11 Calibration ID: 49840

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 1892824	24446 2778824	73611 5620141	479986	1352801	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 1365709	18653 1851351	52910 3541195	372496	971512	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 876831	+++++ 1377131	+++++ 3009185	165632	596146	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 569214	+++++ 919780	+++++ 2100114	130080	405513	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 912765	+++++ 1352402	31981 2821832	184382	584409	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 871591	11360 1320134	34680 2769198	184784	554025	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 1898057	+++++ 2731754	69539 5595895	391506	1311607	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 680178	+++++ 995628	24149 2082707	130680	432842	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-187989/4	54170-004.d
Level 2	IC 200-187989/5	54170-005.d
Level 3	IC 200-187989/6	54170-006.d
Level 4	IC 200-187989/7	54170-007.d
Level 5	ICIS 200-187989/8	54170-008.d
Level 6	IC 200-187989/9	54170-009.d
Level 7	IC 200-187989/12	54170-012.d
Level 8	IC 200-187989/13	54170-013.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.7221	+++++ 1.6778	+++++ 1.5273	1.6233	1.6429	Ave		1.6387				4.4		30.0			
Dichlorodifluoromethane	+++++ 4.7146	+++++ 4.6712	5.5040 3.5196	4.4853	4.5753	Ave		4.5783				13.9		30.0			
Chlorodifluoromethane	+++++ 3.0304	+++++ 2.9894	3.5117 2.6930	2.8696	2.9408	Ave		3.0058				9.1		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 5.1553	6.0635 5.0855	5.8675 4.6021	4.8720	4.9858	Ave		5.2331				10.2		30.0			
Chloromethane	+++++ 1.8560	+++++ 1.8345	2.1485 1.6694	1.7585	1.7961	Ave		1.8438				8.8		30.0			
Vinyl chloride	2.2042 1.8379	2.2033 1.8495	2.1137 1.6442	1.7139	1.7823	Ave		1.9186				11.6		30.0			
n-Butane	+++++ 2.7955	+++++ 2.7957	3.4629 2.4916	2.6338	2.7223	Ave		2.8170				11.9		30.0			
1,3-Butadiene	1.7803 1.4164	1.6420 1.4196	1.6406 1.2712	1.3256	1.3616	Ave		1.4822				12.3		30.0			
Bromomethane	+++++ 1.7906	2.0884 1.7637	2.0755 1.6133	1.6893	1.7387	Ave		1.8228				10.2		30.0			
Chloroethane	+++++ 1.0923	+++++ 1.0771	1.2615 0.9782	1.0282	1.0596	Ave		1.0828				8.9		30.0			
Isopentane	+++++ 2.3179	2.8471 2.2901	2.7203 2.0809	2.2006	2.2630	Ave		2.3885				11.9		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.7237	1.9168 1.6976	1.8825 1.5513	1.6045	1.6579	Ave		1.7192				7.9		30.0			
Trichlorofluoromethane	+++++ 4.1530	4.9026 4.0862	4.8568 3.7092	3.9561	4.0220	Ave		4.2408				10.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 3.2815	+++++ 3.2329	3.7199 2.9388	3.1208	3.2015	Ave		3.2492				8.0		30.0			
Ethanol	+++++ 0.8990	+++++ 0.9144	0.7616 0.8061	0.7894	0.8837	Ave		0.8424				7.6		30.0			
Ethyl ether	+++++ 1.2909	1.3695 1.2947	1.3948 1.1761	1.2124	1.2501	Ave		1.2841				6.2		30.0			
Acrolein	+++++ 0.7936	+++++ 0.7901	+++++ 0.7350	0.7024	0.7692	Ave		0.7581				5.1		30.0			
1,1-Dichloroethene	2.1245 1.6507	1.9551 1.6333	1.8854 1.4808	1.5643	1.6014	Ave		1.7370				12.9		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 3.3500	3.9535 3.2829	3.9064 2.9506	3.2046	3.2641	Ave		3.4160				10.9		30.0			
Acetone	+++++ 2.3558	+++++ 2.3880	+++++ 2.1462	2.2057	2.3376	Ave		2.2867				4.6		30.0			
Isopropyl alcohol	+++++ 2.8202	+++++ 2.7840	+++++ 2.5466	2.7794	2.7770	Ave		2.7414				4.0		30.0			
Carbon disulfide	+++++ 4.7036	+++++ 4.6888	5.3309 4.2405	4.4121	4.5561	Ave		4.6553				8.0		30.0			
Acetonitrile	+++++ 1.1546	+++++ 1.1634	+++++ 1.0866	1.0808	1.1278	Ave		1.1226				3.4		30.0			
3-Chloropropene	+++++ 2.1294	2.8340 2.1291	2.6125 1.9198	1.9864	2.0938	Ave		2.2436				15.3		30.0			
Methylene Chloride	+++++ 1.7237	+++++ 1.7127	2.1436 1.5584	1.6648	1.6859	Ave		1.7482				11.6		30.0			
tert-Butyl alcohol	+++++ 3.1039	+++++ 3.0953	+++++ 2.8201	3.0261	3.0856	Ave		3.0262				3.9		30.0			
Acrylonitrile	+++++ 1.0799	+++++ 1.0857	1.0409 1.0158	0.9675	1.0427	Ave		1.0387				4.2		30.0			
trans-1,2-Dichloroethene	2.2607 2.1765	2.4605 2.1513	2.4626 1.9386	2.0703	2.1335	Ave		2.2068				8.3		30.0			
Methyl tert-butyl ether	+++++ 4.3807	4.7778 4.3066	4.8215 3.8848	4.1360	4.2728	Ave		4.3686				7.7		30.0			
n-Hexane	+++++ 2.4262	2.8908 2.3935	2.7928 2.1332	2.3268	2.3991	Ave		2.4803				10.8		30.0			
1,1-Dichloroethane	3.1393 2.6618	3.1052 2.6289	3.1057 2.3336	2.5515	2.6248	Ave		2.7688				11.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 3.9115	+++++ 3.8695	+++++ 3.4578	3.5829	3.7790	Ave		3.7201				5.2		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.7717	+++++ 0.8020	0.7660 0.7249	0.7320	0.7705	Ave		0.7612				3.7		30.0			
cis-1,2-Dichloroethene	1.6493 1.5672	1.8254 1.5683	1.7671 1.3990	1.4972	1.5500	Ave		1.6029				8.7		30.0			
Ethyl acetate	+++++ 0.1432	+++++ 0.1447	+++++ 0.1317	0.1320	0.1413	Ave		0.1386				4.5		30.0			
Tetrahydrofuran	+++++ 0.3128	+++++ 0.3152	+++++ 0.2862	0.3028	0.3110	Ave		0.3056				3.9		30.0			
Chloroform	+++++ 3.0388	3.4989 3.0591	3.4761 2.7361	2.9345	3.0252	Ave		3.1098				9.0		30.0			
1,1,1-Trichloroethane	+++++ 0.5890	0.6500 0.5884	0.6751 0.5310	0.5560	0.5821	Ave		0.5959				8.5		30.0			
Cyclohexane	+++++ 0.4050	0.4639 0.4073	0.4598 0.3654	0.3863	0.4005	Ave		0.4126				8.9		30.0			
Carbon tetrachloride	0.6241 0.6119	0.6804 0.6104	0.6797 0.5499	0.5783	0.6015	Ave		0.6170				7.3		30.0			
Benzene	+++++ 0.9326	1.1255 0.9429	1.0849 0.8403	0.8965	0.9294	Ave		0.9646				10.6		30.0			
1,2-Dichloroethane	+++++ 0.3656	0.4005 0.3679	0.4157 0.3326	0.3492	0.3627	Ave		0.3706				7.7		30.0			
2,2,4-Trimethylpentane	+++++ 1.4861	1.7194 1.4880	1.7012 1.3184	1.4322	1.4861	Ave		1.5188				9.5		30.0			
n-Heptane	+++++ 0.5248	0.6185 0.5295	0.6075 0.4703	0.5087	0.5300	Ave		0.5413				9.8		30.0			
n-Butanol	+++++ 0.2169	+++++ 0.2283	+++++ 0.2106	0.2082	0.2146	Ave		0.2157				3.6		30.0			
Trichloroethene	0.4126 0.3967	0.4400 0.4004	0.4535 0.3570	0.3820	0.3943	Ave		0.4046				7.6		30.0			
1,2-Dichloropropane	+++++ 0.3415	0.3933 0.3418	0.3954 0.2980	0.3308	0.3424	Ave		0.3490				9.9		30.0			
Methyl methacrylate	+++++ 0.3263	+++++ 0.3301	0.2987 0.3006	0.3046	0.3192	Ave		0.3132				4.4		30.0			
1,4-Dioxane	+++++ 0.1861	0.1302 0.1832	0.1809 0.1606	0.2094	0.1961	Ave		0.1781				14.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.3685	0.3988 0.3628	0.4224 0.3253	0.3491	0.3635	Ave		0.3701				8.6		30.0			
Bromodichloromethane	+++++ 0.6380	0.6675 0.6426	0.6781 0.5765	0.5983	0.6311	Ave		0.6332				5.7		30.0			
cis-1,3-Dichloropropene	+++++ 0.5797	0.5866 0.5858	0.5969 0.5264	0.5435	0.5708	Ave		0.5700				4.5		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.6648	+++++ 0.6695	0.6196 0.6088	0.6135	0.6516	Ave		0.6380				4.3		30.0			
Toluene	+++++ 0.7716	0.9062 0.7808	0.8969 0.6765	0.7448	0.7730	Ave		0.7928				10.4		30.0			
n-Octane	+++++ 0.7284	0.8027 0.7260	0.8169 0.6440	0.7133	0.7262	Ave		0.7368				7.9		30.0			
trans-1,3-Dichloropropene	+++++ 0.5019	0.4570 0.5046	0.4943 0.4582	0.4606	0.4914	Ave		0.4811				4.5		30.0			
1,1,2-Trichloroethane	+++++ 0.3757	0.3977 0.3837	0.4223 0.3322	0.3605	0.3746	Ave		0.3781				7.5		30.0			
Tetrachloroethene	0.7036 0.6261	0.7300 0.6342	0.7295 0.5471	0.6017	0.6216	Ave		0.6492				10.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.7320	+++++ 0.7585	0.5565 0.6785	0.6894	0.7212	Ave		0.6893				10.3		30.0			
Dibromochloromethane	+++++ 0.7669	0.7466 0.7768	0.7521 0.6776	0.7146	0.7544	Ave		0.7413				4.6		30.0			
1,2-Dibromoethane	+++++ 0.6602	0.6641 0.6717	0.7024 0.5906	0.6306	0.6529	Ave		0.6532				5.4		30.0			
Chlorobenzene	+++++ 1.0204	1.2080 1.0270	1.1932 0.8959	0.9868	1.0136	Ave		1.0493				10.7		30.0			
Ethylbenzene	+++++ 1.6936	1.9365 1.7077	1.9621 1.4758	1.6434	1.6931	Ave		1.7303				9.8		30.0			
m,p-Xylene	+++++ 0.6497	0.7338 0.6526	0.7589 0.5589	0.6378	0.6511	Ave		0.6632				9.9		30.0			
n-Nonane	+++++ 0.8351	0.9278 0.8417	0.9402 0.7220	0.8194	0.8374	Ave		0.8462				8.6		30.0			
o-Xylene	+++++ 0.6351	0.7266 0.6340	0.7135 0.5462	0.6193	0.6309	Ave		0.6437				9.4		30.0			
Styrene	+++++ 1.0208	0.8988 1.0282	1.0028 0.9023	0.9588	1.0042	Ave		0.9737				5.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.7713	0.6696 0.7777	0.6602 0.6881	0.6987	0.7566	Ave		0.7175				6.9		30.0			
Cumene	+++++ 1.8758	2.0957 1.8883	2.1556 1.6199	1.8302	1.8694	Ave		1.9050				9.3		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.9734	1.0460 0.9816	1.0603 0.8452	0.9401	0.9704	Ave		0.9739				7.3		30.0			
1,2,3-Trichloropropane	+++++ 0.7657	+++++ 0.7719	0.8815 0.6679	0.7500	0.7680	Ave		0.7675				8.9		30.0			
n-Propylbenzene	+++++ 2.2719	2.4392 2.2808	2.5314 1.9571	2.2157	2.2739	Ave		2.2814				7.9		30.0			
2-Chlorotoluene	+++++ 1.3962	1.6241 1.3931	1.6172 1.2156	1.3557	1.3880	Ave		1.4271				10.3		30.0			
4-Ethyltoluene	+++++ 1.8608	1.8846 1.8685	2.0229 1.5975	1.8013	1.8445	Ave		1.8400				6.9		30.0			
1,3,5-Trimethylbenzene	+++++ 1.5623	1.6229 1.5578	1.7572 1.3386	1.5098	1.5478	Ave		1.5566				8.1		30.0			
n-Decane	+++++ 1.0498	+++++ 1.0551	1.0101 0.8899	1.0091	1.0520	Ave		1.0110				6.2		30.0			
Alpha Methyl Styrene	+++++ 0.7977	0.5910 0.8004	0.6985 0.6973	0.7340	0.7780	Ave		0.7281				10.2		30.0			
tert-Butylbenzene	+++++ 1.4724	1.6512 1.4766	1.6987 1.2470	1.4443	1.4614	Ave		1.4931				9.9		30.0			
1,2,4-Trimethylbenzene	+++++ 1.5431	1.5773 1.5545	1.6983 1.3292	1.5066	1.5413	Ave		1.5357				7.1		30.0			
sec-Butylbenzene	+++++ 2.2225	2.3703 2.2130	2.4962 1.8670	2.1869	2.2126	Ave		2.2241				8.7		30.0			
1,3-Dichlorobenzene	+++++ 0.9914	0.9488 1.0027	1.0189 0.8713	0.9383	0.9673	Ave		0.9627				5.1		30.0			
4-Isopropyltoluene	+++++ 1.8494	1.8280 1.8662	2.0130 1.5681	1.8040	1.8460	Ave		1.8250				7.2		30.0			
1,4-Dichlorobenzene	+++++ 0.9724	0.9174 0.9848	0.9752 0.8648	0.9028	0.9480	Ave		0.9379				4.7		30.0			
Benzyl chloride	+++++ 1.3550	1.0154 1.3855	1.1552 1.2380	1.1835	1.3115	Ave		1.2349				10.5		30.0			
n-Butylbenzene	+++++ 1.7188	1.5966 1.7185	1.7490 1.4465	1.6595	1.7135	Ave		1.6575				6.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.9394	0.9893 0.9343	1.0168 0.7989	0.9084	0.9290	Ave		0.9309				7.4		30.0			
n-Undecane	+++++ 1.0315	+++++ 1.0503	+++++ 0.9059	0.9207	1.0103	Ave		0.9837				6.7		30.0			
n-Dodecane	+++++ 0.6589	+++++ 0.6980	+++++ 0.6250	0.5692	0.6361	Ave		0.6374				7.4		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5619	+++++ 0.5861	0.4591 0.5466	0.4850	0.5355	Ave		0.5290				9.1		30.0			
Hexachlorobutadiene	+++++ 0.7254	0.8008 0.7439	0.7941 0.6487	0.6702	0.7138	Ave		0.7281				7.9		30.0			
Naphthalene	+++++ 1.1395	+++++ 1.1864	1.1063 1.0895	1.0304	1.1095	Ave		1.1103				4.7		30.0			
1,2,3-Trichlorobenzene	+++++ 0.4239	+++++ 0.4420	0.4357 0.4111	0.3890	0.4165	Ave		0.4197				4.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 | Calibration End Date: 02/01/2023 00:48 | Calibration ID: 49811

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-187989/4	54170-004.d
Level 2	IC 200-187989/5	54170-005.d
Level 3	IC 200-187989/6	54170-006.d
Level 4	IC 200-187989/7	54170-007.d
Level 5	ICIS 200-187989/8	54170-008.d
Level 6	IC 200-187989/9	54170-009.d
Level 7	IC 200-187989/12	54170-012.d
Level 8	IC 200-187989/13	54170-013.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 289195	+++++ 376396	+++++ 676256	91624	185385	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 791717	+++++ 1047937	30372 1558360	253170	516294	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 508891	+++++ 670652	19378 1192348	161971	331853	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 865722	13460 1140882	32378 2037635	274993	562611	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 311667	+++++ 411542	11856 739154	99256	202680	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	858 308636	4891 414916	11664 727983	96742	201115	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 469433	+++++ 627196	19109 1103191	148662	307194	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	693 237859	3645 318472	9053 562856	74822	153643	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 300695	4636 395664	11453 714329	95351	196196	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 183425	+++++ 241627	6961 433116	58037	119565	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 389239	6320 513754	15011 921374	124208	255368	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 289456	4255 380851	10388 686870	90563	187079	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 697398	10883 916691	26801 1642292	223298	453852	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 551054	+++++ 725275	20527 1301189	176148	361272	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 201720	+++++ 410350	42077 892301	89172	149648	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 | Calibration End Date: 02/01/2023 00:48 | Calibration ID: 49811

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 216781	3040 290457	7697 520723	68431	141060	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 133259	+++++ 177244	+++++ 325440	39648	86803	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	827 277198	4340 366418	10404 655653	88297	180706	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 562561	8776 736497	21556 1306437	180882	368333	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 395605	+++++ 535732	+++++ 950281	124496	263782	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 473585	+++++ 624565	+++++ 1127560	156882	313365	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 789864	+++++ 1051881	29417 1877528	249039	514121	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 193885	+++++ 261002	+++++ 481109	61004	127268	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 357578	6291 477643	14416 850043	112121	236276	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 289459	+++++ 384217	11829 690020	93968	190246	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 521227	+++++ 694397	+++++ 1248643	170805	348188	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 181344	+++++ 243558	5744 449762	54610	117659	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	880 365498	5462 482616	13589 858366	116857	240751	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 735638	10606 966144	26606 1720071	233454	482155	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 407427	6417 536969	15411 944505	131335	270727	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1222 446993	6893 589764	17138 1033226	144019	296185	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 656841	+++++ 868080	+++++ 1530985	202233	426432	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 129585	+++++ 179919	4227 320957	41315	86948	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	642 263171	4052 351844	9751 619413	84507	174906	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 24050	+++++ 32455	+++++ 58317	7452	15942	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	89931	184019	+++++	+++++	+++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			274786	371543	664085			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 510296	7767 686270	19182 1211435	165635	341376	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 517464	7732 693567	19733 1232235	165137	344449	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 355813	5518 480078	13439 847881	114743	236981	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	1301 537527	8093 719504	19865 1276095	171777	355924	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 819259	13388 1111532	31708 1950068	266274	550006	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 321222	4764 433633	12150 771859	103708	214612	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 1305553	20452 1754134	49721 3059499	425404	879400	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 461015	7357 624136	17757 1091393	151093	313615	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 190576	+++++ 269166	+++++ 488799	61828	126999	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	860 348489	5234 472002	13255 828492	113451	233351	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 300024	4678 402887	11557 691480	98265	202606	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 286671	+++++ 389158	8729 697573	90466	188893	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 163481	1549 215965	5287 372803	62210	116032	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 323715	4744 427655	12347 754901	103696	215098	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 560502	7940 757526	19819 1337767	177714	373465	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 509283	6977 690569	17447 1221598	161421	337746	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 584025	+++++ 789213	18110 1412800	182208	385585	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 585168	9001 782240	22024 1375020	188880	390481	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 639870	9548 855872	23877 1494589	211852	429729	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 | Calibration End Date: 02/01/2023 00:48 | Calibration ID: 49811

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 440912	5436 594792	14447 1063200	136808	290805	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 284956	3950 384437	10369 675254	91427	189231	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd5	Ave	1213 474804	7251 635387	17913 1112037	152592	314036	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 555100	+++++ 759913	13665 1379068	174830	364317	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 581577	7415 778289	18469 1377193	181214	381121	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 500704	6596 672934	17248 1200331	159904	329804	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 773848	11998 1028952	29301 1820943	250226	512035	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 1284364	19234 1710930	48183 2999380	416745	855328	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 985459	14576 1307729	37270 2271656	323470	657825	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
n-Nonane	CBNZd5	Ave	+++++ 633346	9215 843314	23088 1467503	207790	423032	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
o-Xylene	CBNZd5	Ave	+++++ 481664	7217 635233	17522 1110076	157055	318725	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd5	Ave	+++++ 774180	8927 1030118	24625 1833832	243137	507303	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd5	Ave	+++++ 584937	6651 779145	16212 1398547	177177	382225	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd5	Ave	+++++ 1422591	20815 1891909	52934 3292249	464102	944372	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	10389	26038	238403	490221	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 | Calibration End Date: 02/01/2023 00:48 | Calibration ID: 49811

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			738181	983440	1717745			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd5	Ave	+++++ 580724	+++++ 773321	21647 1357383	190180	387976	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZd5	Ave	+++++ 1722929	24227 2285161	62161 3977615	561873	1148716	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZd5	Ave	+++++ 1058884	16131 1395713	39713 2470531	343786	701186	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZd5	Ave	+++++ 1411202	18718 1872032	49674 3246840	456777	931767	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++ 1184801	16119 1560710	43150 2720601	382860	781929	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZd5	Ave	+++++ 796145	+++++ 1057135	24804 1808763	255884	531418	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZd5	Ave	+++++ 604982	5870 801942	17153 1417320	186124	393025	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZd5	Ave	+++++ 1116644	16400 1479378	41715 2534499	366242	738269	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++ 1170221	15666 1557432	41703 2701596	382036	778606	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZd5	Ave	+++++ 1685514	23543 2217229	61297 3794564	554566	1117738	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZd5	Ave	+++++ 751850	9424 1004592	25020 1770895	237929	488679	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZd5	Ave	+++++ 1402540	18156 1869740	49432 3187120	457463	932532	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZd5	Ave	+++++ 737444	9112 986667	23947 1757554	228935	478926	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZd5	Ave	+++++ 1027623	10085 1388160	28368 2516230	300110	662543	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 187989

SDG No.: 200-66741-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/31/2023 17:02 Calibration End Date: 02/01/2023 00:48 Calibration ID: 49811

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 1303508	15858 1721765	42950 2939969	420832	865631	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 712448	9826 936077	24969 1623693	230364	469291	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 782237	+++++ 1052318	+++++ 1841173	233471	510396	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 499705	+++++ 699287	+++++ 1270248	144335	321364	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 426120	+++++ 587178	11273 1110960	122988	270524	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 550112	7954 745358	19499 1318529	169951	360593	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 864149	+++++ 1188668	27166 2214333	261298	560489	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 321472	+++++ 442875	10700 835570	98635	210429	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

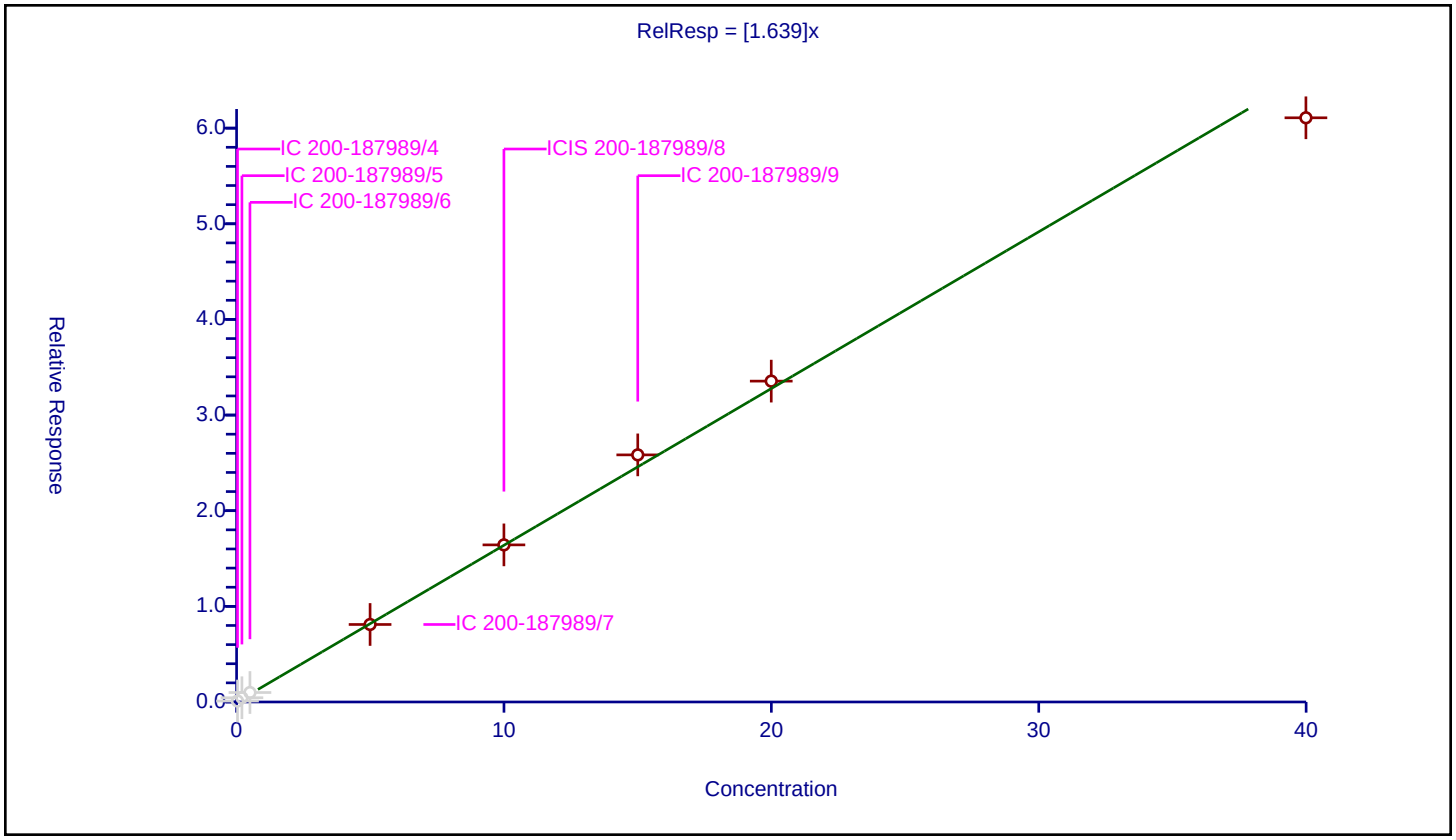
Curve Coefficients

Intercept:	0
Slope:	1.639

Error Coefficients

Standard Error:	426000
Relative Standard Error:	4.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.099303	10.0	110973.0	2.831017	N
2	IC 200-187989/5	0.20044	0.445877	10.0	110748.0	2.224495	N
3	IC 200-187989/6	0.500453	0.989806	10.0	110264.0	1.977822	N
4	IC 200-187989/7	4.992563	8.104302	10.0	113056.0	1.623275	Y
5	ICIS 200-187989/8	9.99806	16.425375	10.0	112865.0	1.642856	Y
6	IC 200-187989/9	15.003557	25.838285	10.0	111925.0	1.722144	Y
7	IC 200-187989/12	19.99612	33.549273	10.0	112192.0	1.677789	Y
8	IC 200-187989/13	39.99224	61.081896	10.0	110713.0	1.527344	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

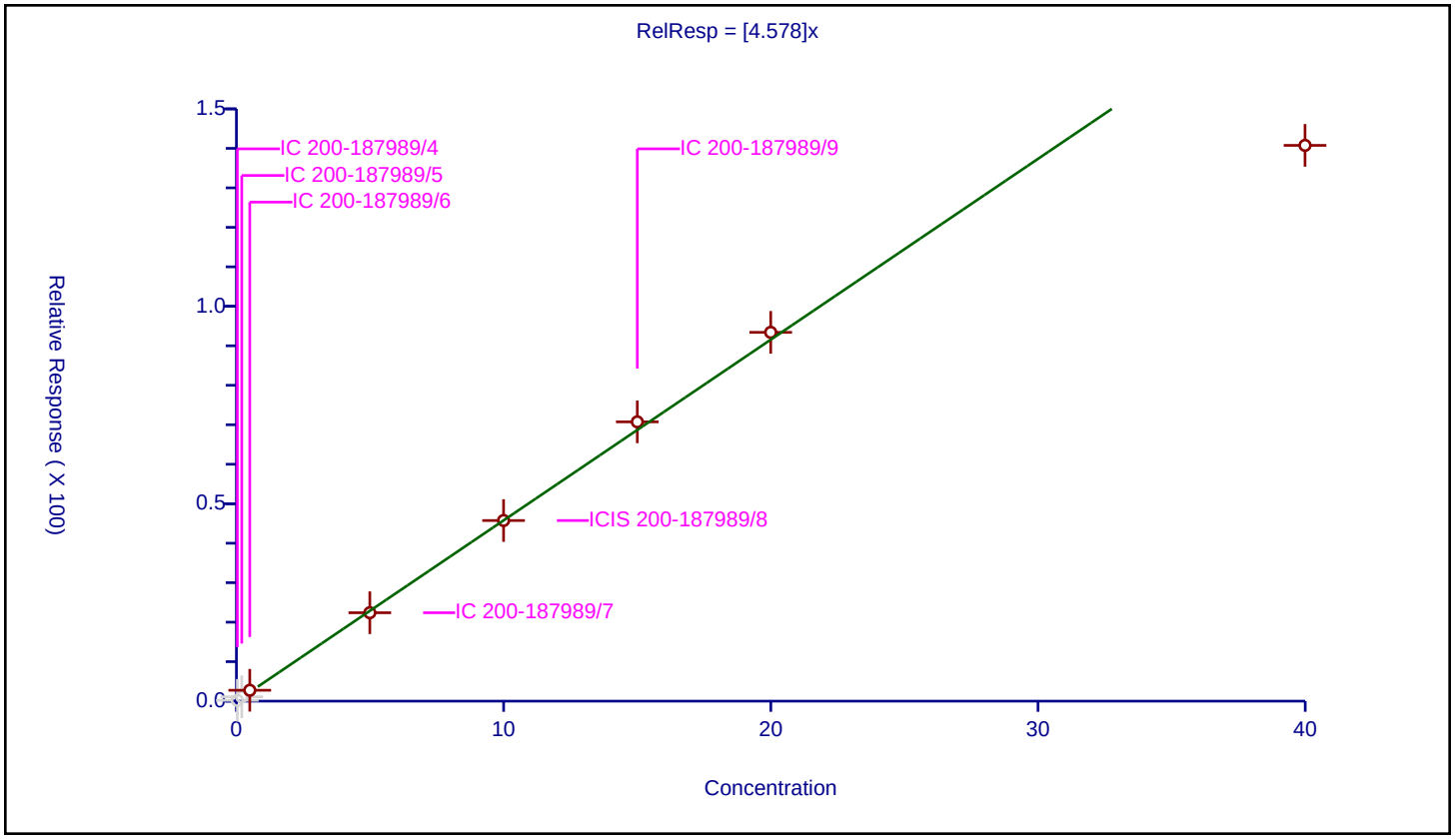
Curve Coefficients

Intercept:	0
Slope:	4.578

Error Coefficients

Standard Error:	947000
Relative Standard Error:	13.9
Correlation Coefficient:	0.962
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.206447	10.0	110973.0	5.885536	N
2	IC 200-187989/5	0.20044	1.094738	10.0	110748.0	5.461681	N
3	IC 200-187989/6	0.500453	2.75448	10.0	110264.0	5.503978	Y
4	IC 200-187989/7	4.992563	22.393327	10.0	113056.0	4.485337	Y
5	ICIS 200-187989/8	9.99806	45.744385	10.0	112865.0	4.575326	Y
6	IC 200-187989/9	15.003557	70.736386	10.0	111925.0	4.714641	Y
7	IC 200-187989/12	19.99612	93.40568	10.0	112192.0	4.67119	Y
8	IC 200-187989/13	39.99224	140.756731	10.0	110713.0	3.519601	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

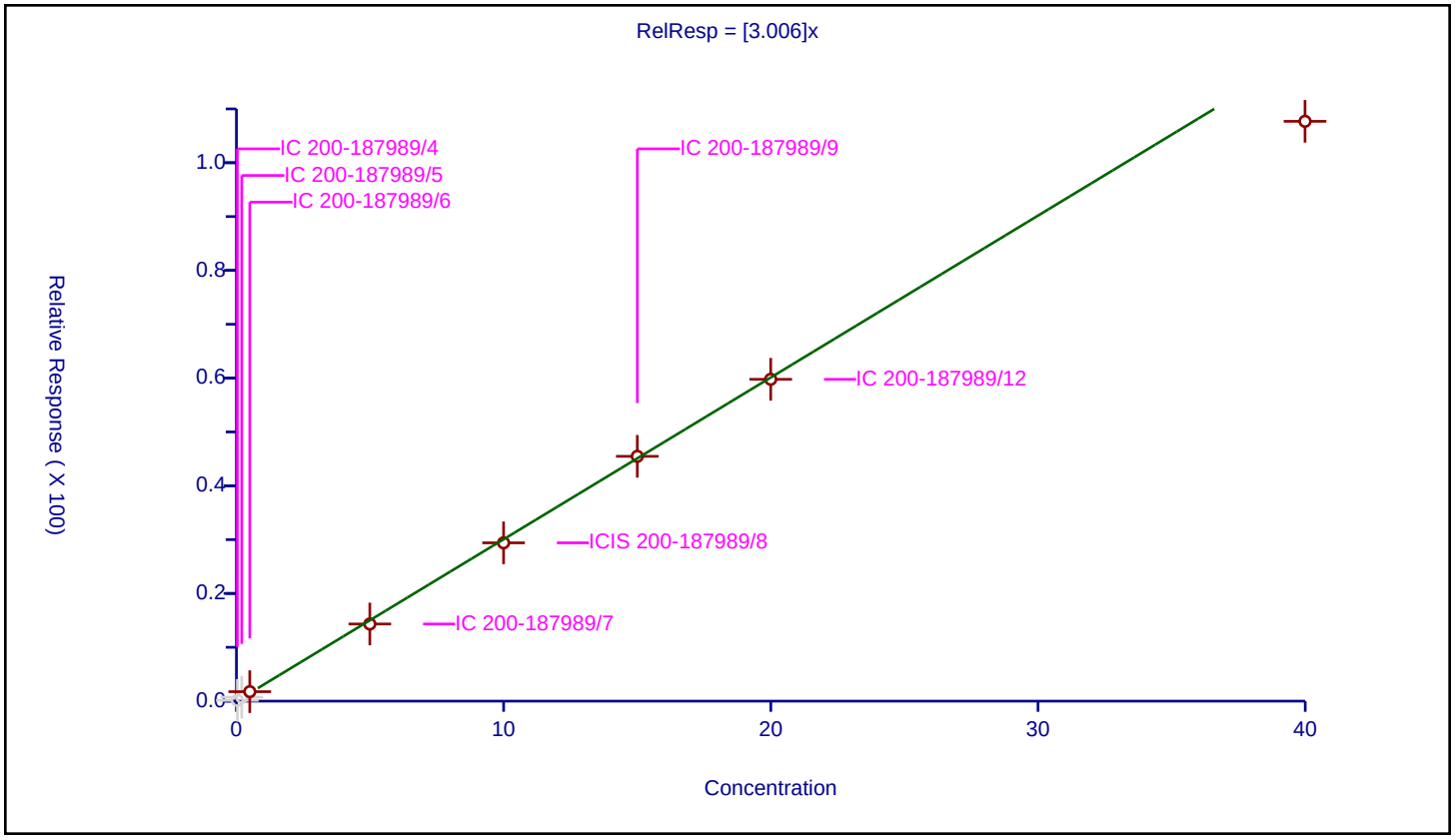
Curve Coefficients

Intercept:	0
Slope:	3.006

Error Coefficients

Standard Error:	673000
Relative Standard Error:	9.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.139764	10.0	110973.0	3.98449	N
2	IC 200-187989/5	0.20044	0.733377	10.0	110748.0	3.65884	N
3	IC 200-187989/6	0.500453	1.757419	10.0	110264.0	3.511658	Y
4	IC 200-187989/7	4.992563	14.326617	10.0	113056.0	2.869592	Y
5	ICIS 200-187989/8	9.99806	29.402649	10.0	112865.0	2.940835	Y
6	IC 200-187989/9	15.003557	45.467143	10.0	111925.0	3.030424	Y
7	IC 200-187989/12	19.99612	59.777168	10.0	112192.0	2.989438	Y
8	IC 200-187989/13	39.99224	107.697199	10.0	110713.0	2.692952	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

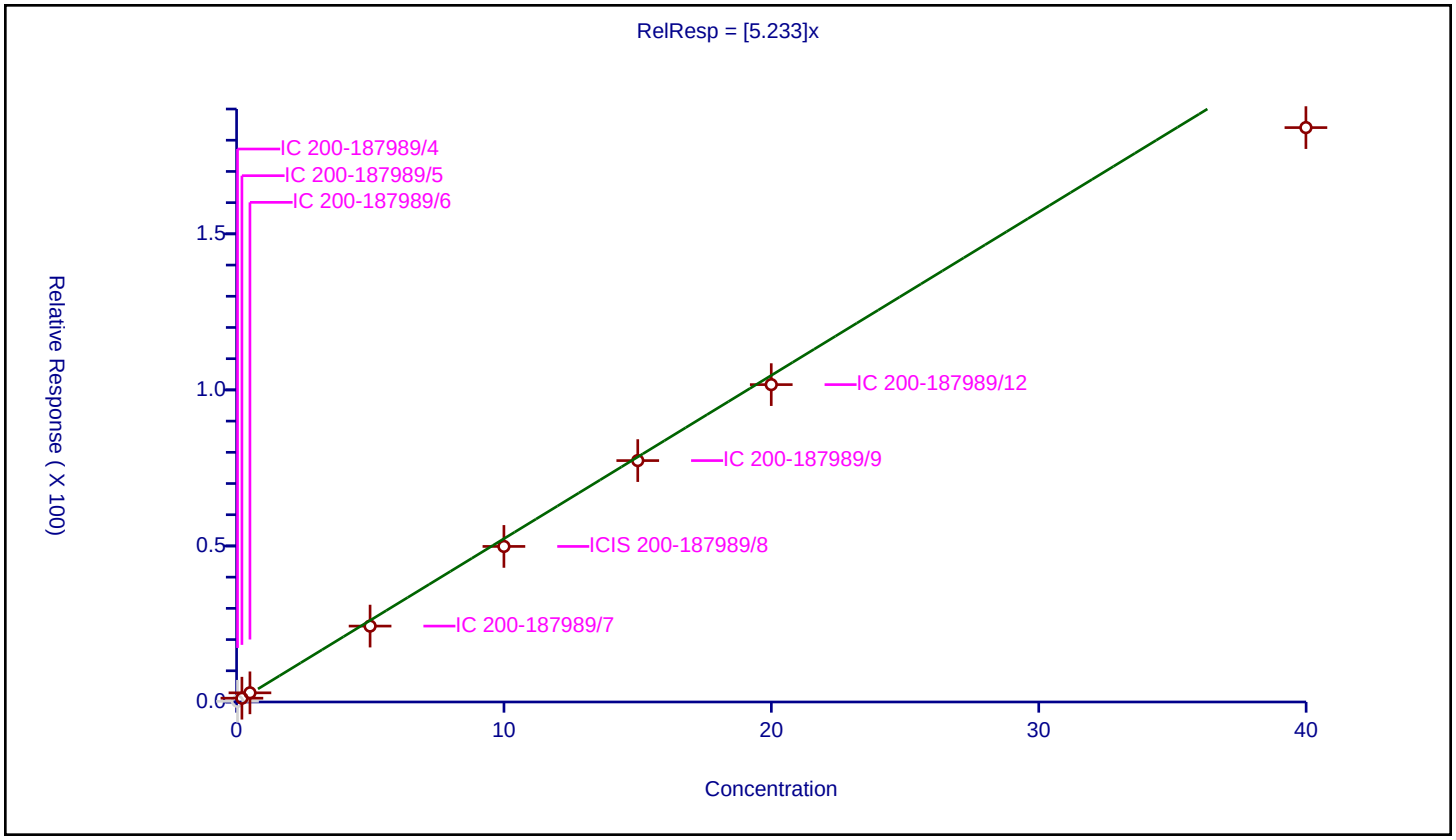
Curve Coefficients

Intercept:	0
Slope:	5.233

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	10.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.223478	10.0	110973.0	6.371074	N
2	IC 200-187989/5	0.20044	1.215372	10.0	110748.0	6.06353	Y
3	IC 200-187989/6	0.500453	2.936407	10.0	110264.0	5.867503	Y
4	IC 200-187989/7	4.992563	24.32361	10.0	113056.0	4.871969	Y
5	ICIS 200-187989/8	9.99806	49.848137	10.0	112865.0	4.985781	Y
6	IC 200-187989/9	15.003557	77.348403	10.0	111925.0	5.155338	Y
7	IC 200-187989/12	19.99612	101.690138	10.0	112192.0	5.085494	Y
8	IC 200-187989/13	39.99224	184.046589	10.0	110713.0	4.602058	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

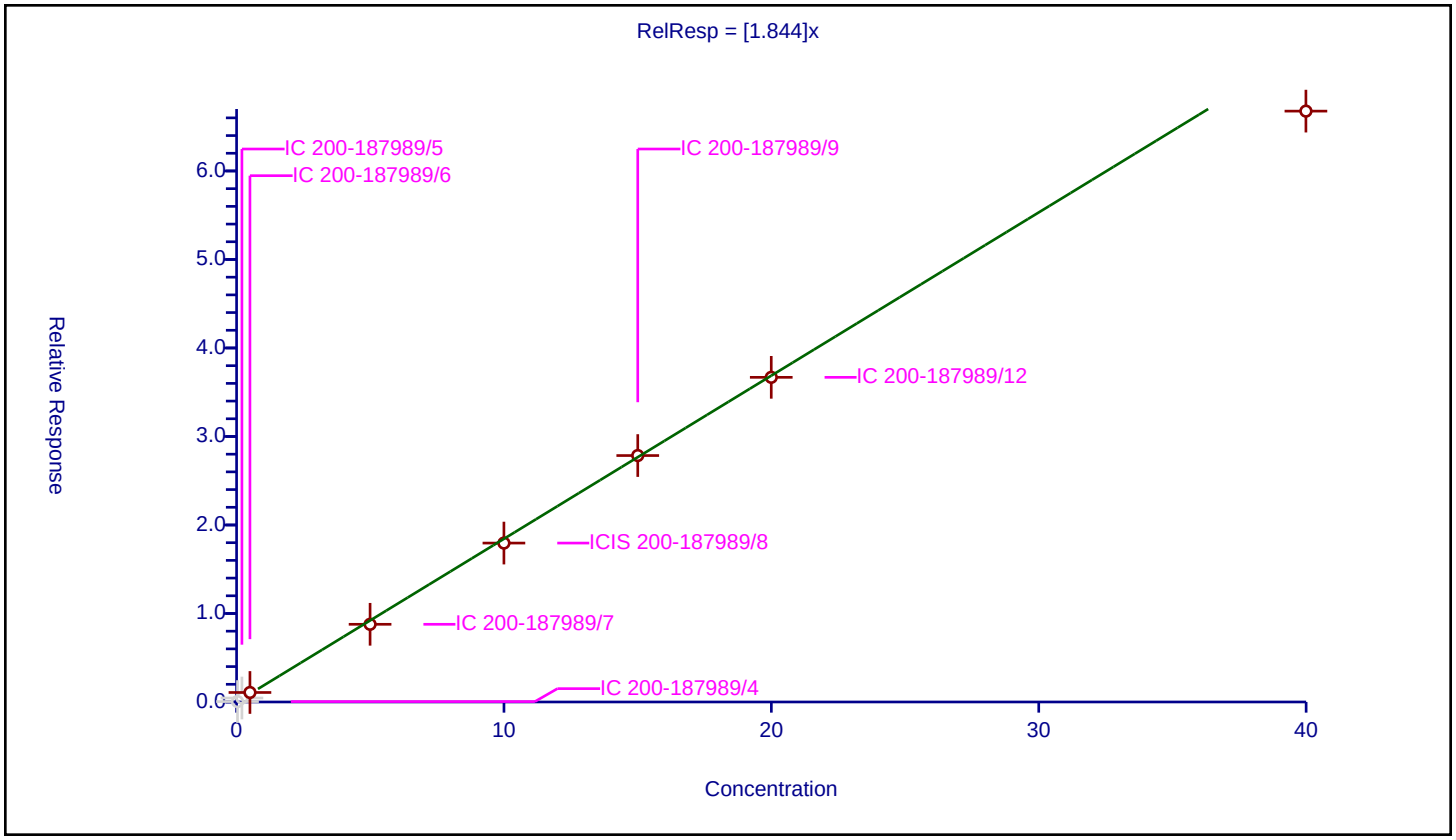
Curve Coefficients

Intercept:	0
Slope:	1.844

Error Coefficients

Standard Error:	416000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.04794	10.0	110973.0	1.366698	N
2	IC 200-187989/5	0.20044	0.450843	10.0	110748.0	2.249272	N
3	IC 200-187989/6	0.500453	1.075238	10.0	110264.0	2.14853	Y
4	IC 200-187989/7	4.992563	8.779366	10.0	113056.0	1.758489	Y
5	ICIS 200-187989/8	9.99806	17.957737	10.0	112865.0	1.796122	Y
6	IC 200-187989/9	15.003557	27.846058	10.0	111925.0	1.855964	Y
7	IC 200-187989/12	19.99612	36.681938	10.0	112192.0	1.834453	Y
8	IC 200-187989/13	39.99224	66.763072	10.0	110713.0	1.669401	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

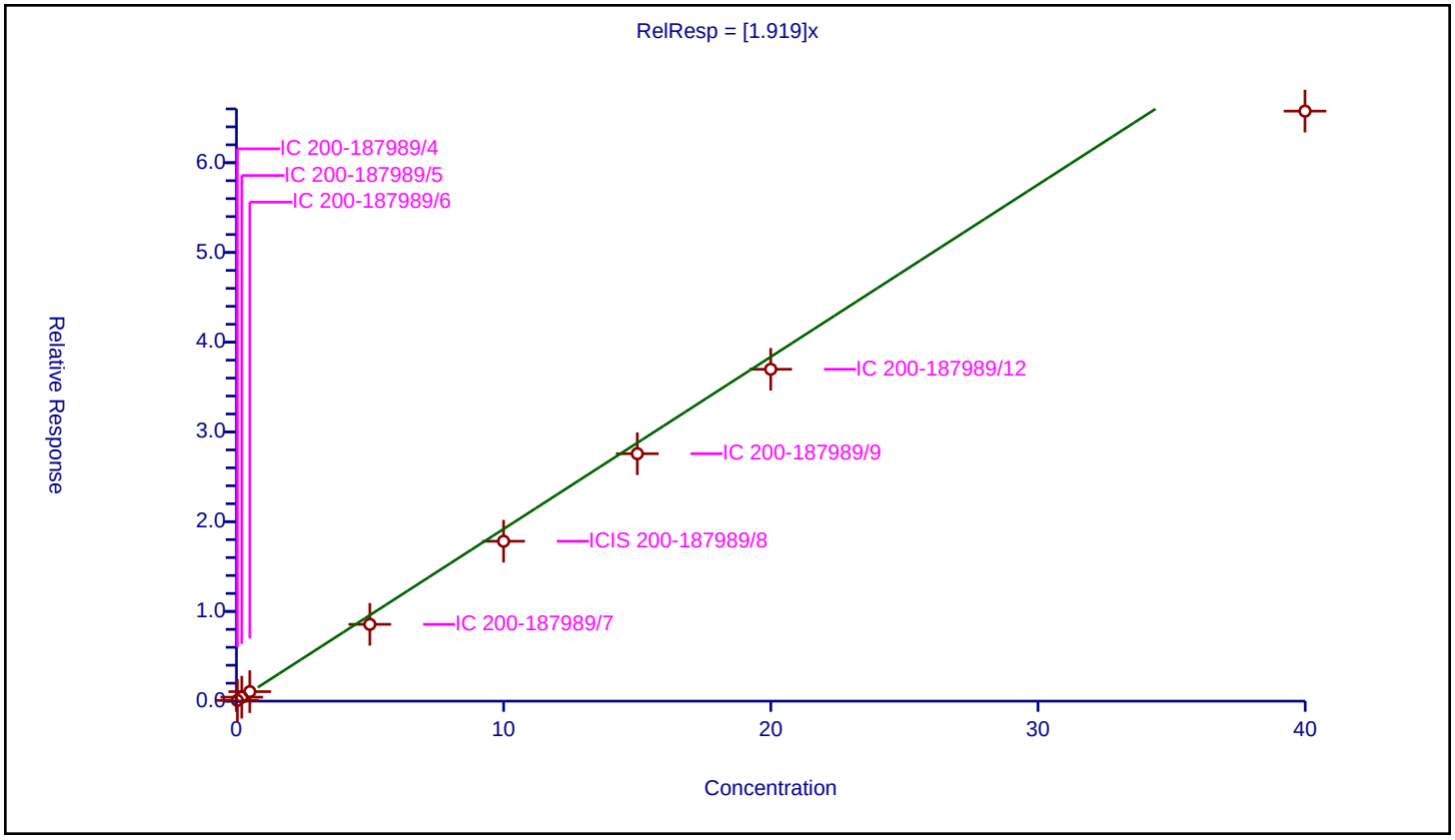
Curve Coefficients

Intercept:	0
Slope:	1.919

Error Coefficients

Standard Error:	348000
Relative Standard Error:	11.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.077316	10.0	110973.0	2.204186	Y
2	IC 200-187989/5	0.20044	0.441633	10.0	110748.0	2.203323	Y
3	IC 200-187989/6	0.500453	1.057825	10.0	110264.0	2.113736	Y
4	IC 200-187989/7	4.992563	8.556998	10.0	113056.0	1.713949	Y
5	ICIS 200-187989/8	9.99806	17.819076	10.0	112865.0	1.782253	Y
6	IC 200-187989/9	15.003557	27.575251	10.0	111925.0	1.837914	Y
7	IC 200-187989/12	19.99612	36.982673	10.0	112192.0	1.849492	Y
8	IC 200-187989/13	39.99224	65.754067	10.0	110713.0	1.644171	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

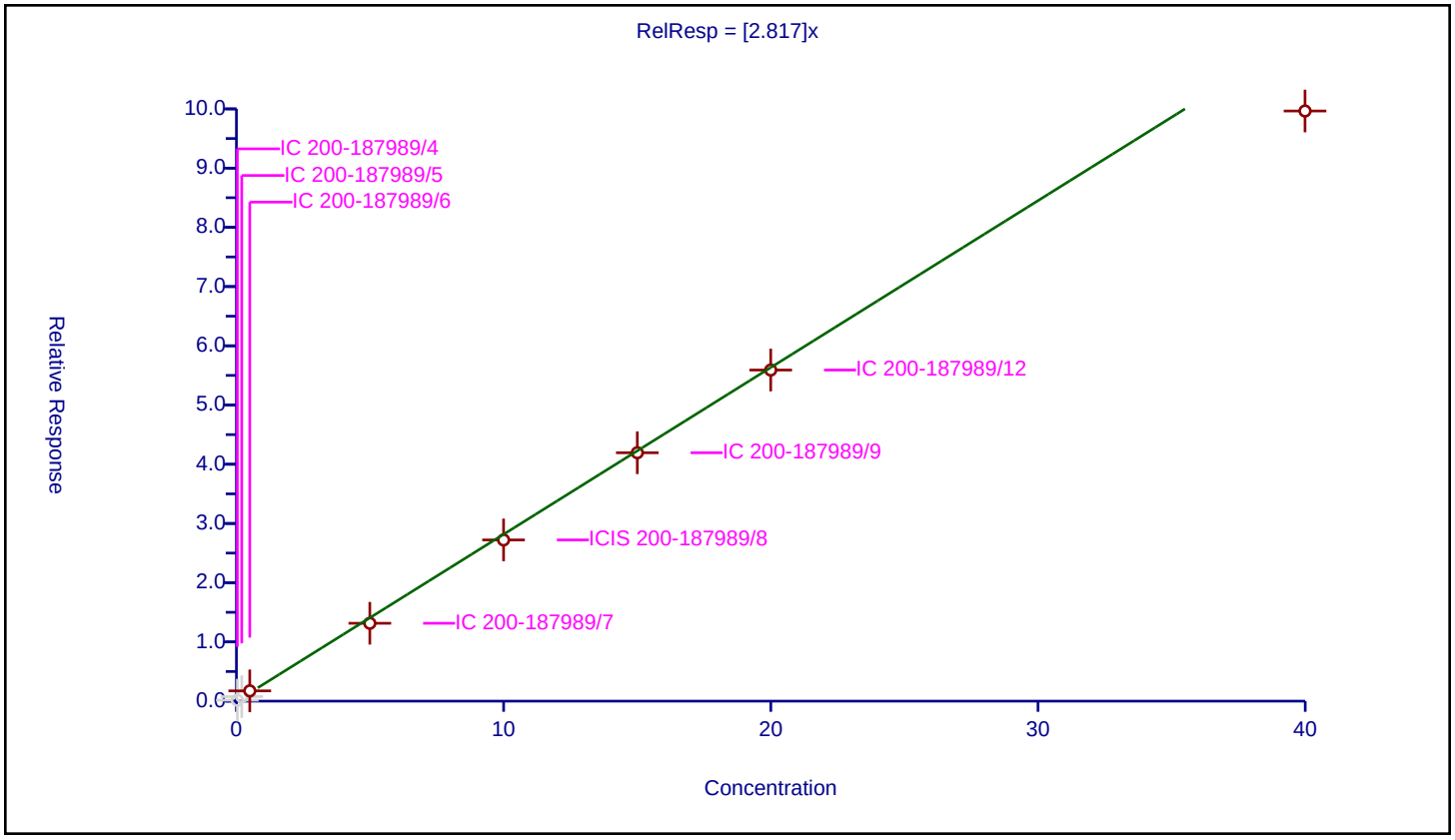
Curve Coefficients

Intercept:	0
Slope:	2.817

Error Coefficients

Standard Error:	624000
Relative Standard Error:	11.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.158147	10.0	110973.0	4.508562	N
2	IC 200-187989/5	0.20044	0.760646	10.0	110748.0	3.794887	N
3	IC 200-187989/6	0.500453	1.733023	10.0	110264.0	3.462911	Y
4	IC 200-187989/7	4.992563	13.149413	10.0	113056.0	2.6338	Y
5	ICIS 200-187989/8	9.99806	27.217827	10.0	112865.0	2.722311	Y
6	IC 200-187989/9	15.003557	41.941747	10.0	111925.0	2.795454	Y
7	IC 200-187989/12	19.99612	55.903808	10.0	112192.0	2.795733	Y
8	IC 200-187989/13	39.99224	99.644215	10.0	110713.0	2.491589	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

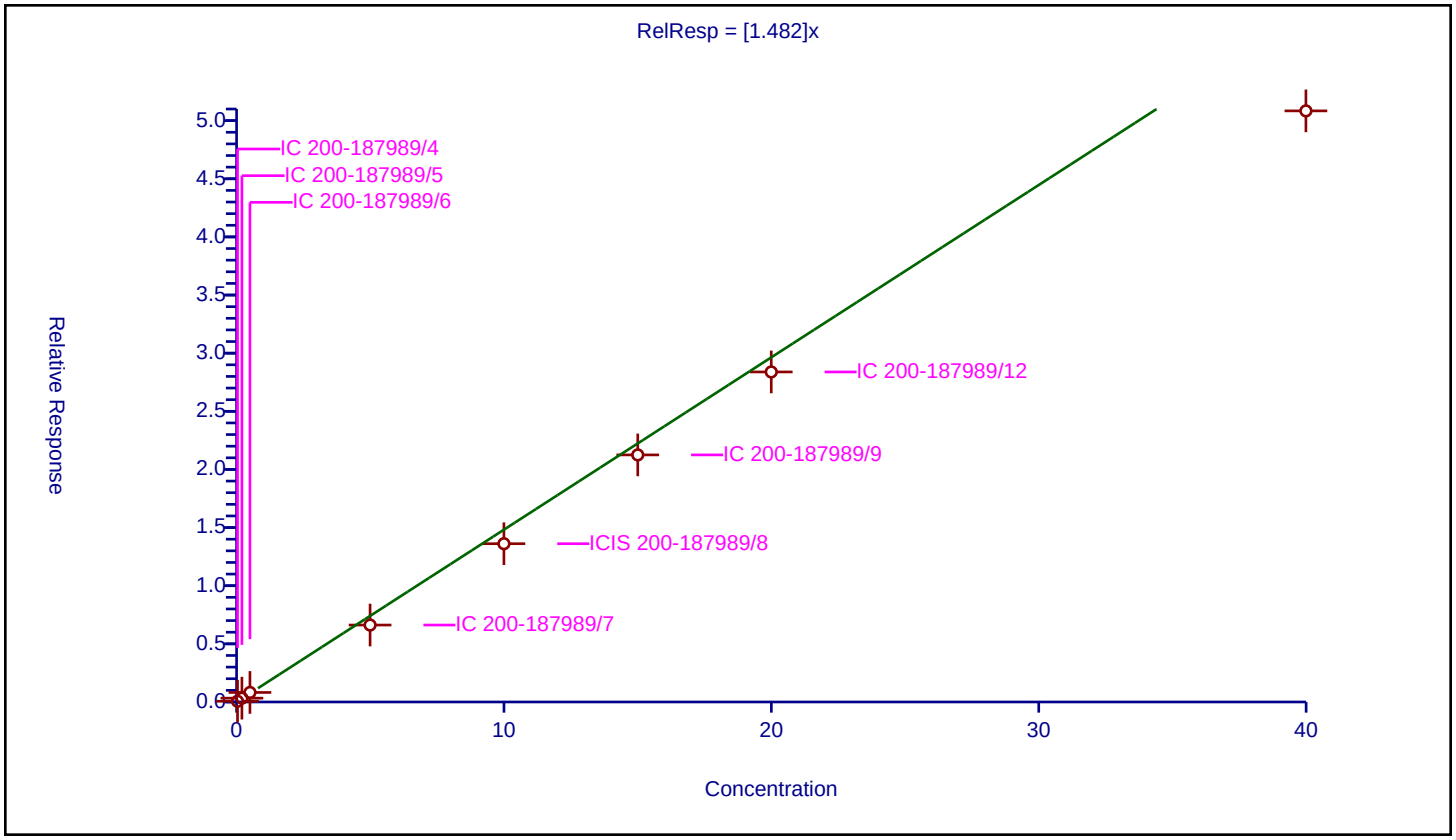
Curve Coefficients

Intercept:	0
Slope:	1.482

Error Coefficients

Standard Error:	268000
Relative Standard Error:	12.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.062448	10.0	110973.0	1.780304	Y
2	IC 200-187989/5	0.20044	0.329126	10.0	110748.0	1.642018	Y
3	IC 200-187989/6	0.500453	0.82103	10.0	110264.0	1.640574	Y
4	IC 200-187989/7	4.992563	6.618136	10.0	113056.0	1.325599	Y
5	ICIS 200-187989/8	9.99806	13.612989	10.0	112865.0	1.361563	Y
6	IC 200-187989/9	15.003557	21.251642	10.0	111925.0	1.41644	Y
7	IC 200-187989/12	19.99612	28.386338	10.0	112192.0	1.419592	Y
8	IC 200-187989/13	39.99224	50.839197	10.0	110713.0	1.271227	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

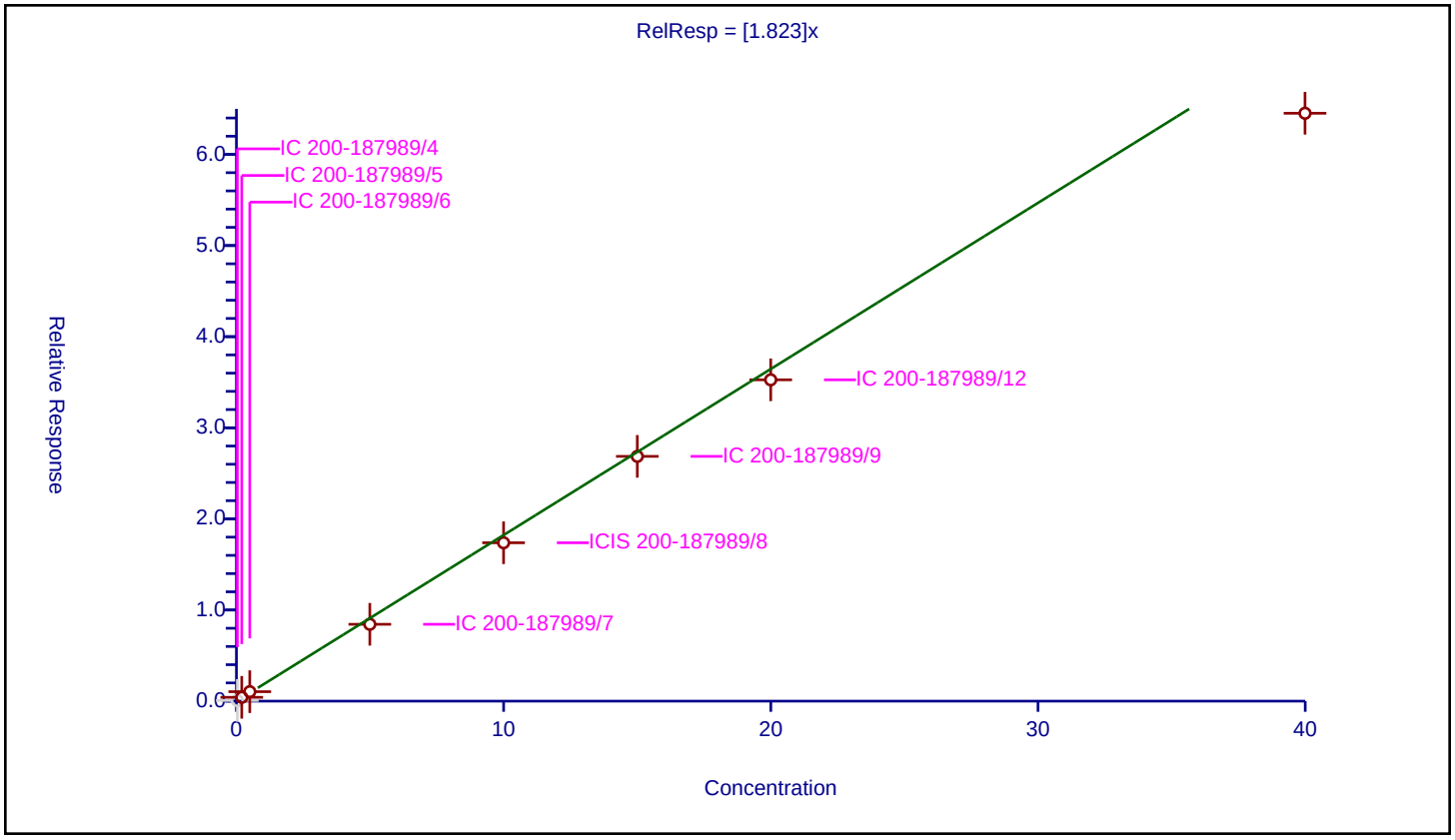
Curve Coefficients

Intercept:	0
Slope:	1.823

Error Coefficients

Standard Error:	366000
Relative Standard Error:	10.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.070918	10.0	110973.0	2.021788	N
2	IC 200-187989/5	0.20044	0.418608	10.0	110748.0	2.088449	Y
3	IC 200-187989/6	0.500453	1.038689	10.0	110264.0	2.075499	Y
4	IC 200-187989/7	4.992563	8.433962	10.0	113056.0	1.689305	Y
5	ICIS 200-187989/8	9.99806	17.383245	10.0	112865.0	1.738662	Y
6	IC 200-187989/9	15.003557	26.865758	10.0	111925.0	1.790626	Y
7	IC 200-187989/12	19.99612	35.266686	10.0	112192.0	1.763676	Y
8	IC 200-187989/13	39.99224	64.520788	10.0	110713.0	1.613333	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

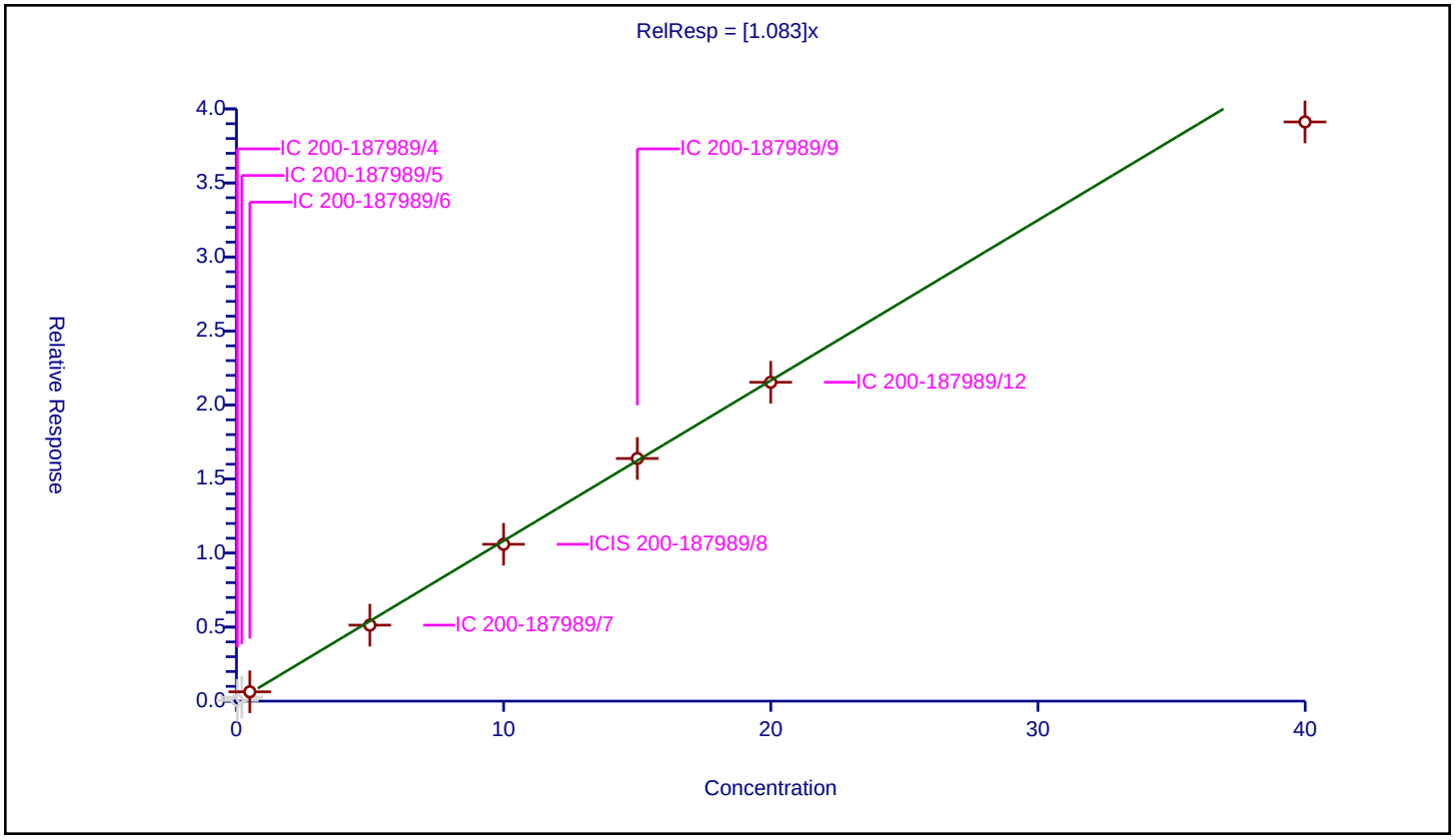
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Standard Error:	244000
Relative Standard Error:	8.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.046858	10.0	110973.0	1.33587	N
2	IC 200-187989/5	0.20044	0.251923	10.0	110748.0	1.256853	N
3	IC 200-187989/6	0.500453	0.631303	10.0	110264.0	1.261464	Y
4	IC 200-187989/7	4.992563	5.133474	10.0	113056.0	1.028224	Y
5	ICIS 200-187989/8	9.99806	10.59363	10.0	112865.0	1.059569	Y
6	IC 200-187989/9	15.003557	16.388206	10.0	111925.0	1.092288	Y
7	IC 200-187989/12	19.99612	21.536919	10.0	112192.0	1.077055	Y
8	IC 200-187989/13	39.99224	39.120609	10.0	110713.0	0.978205	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

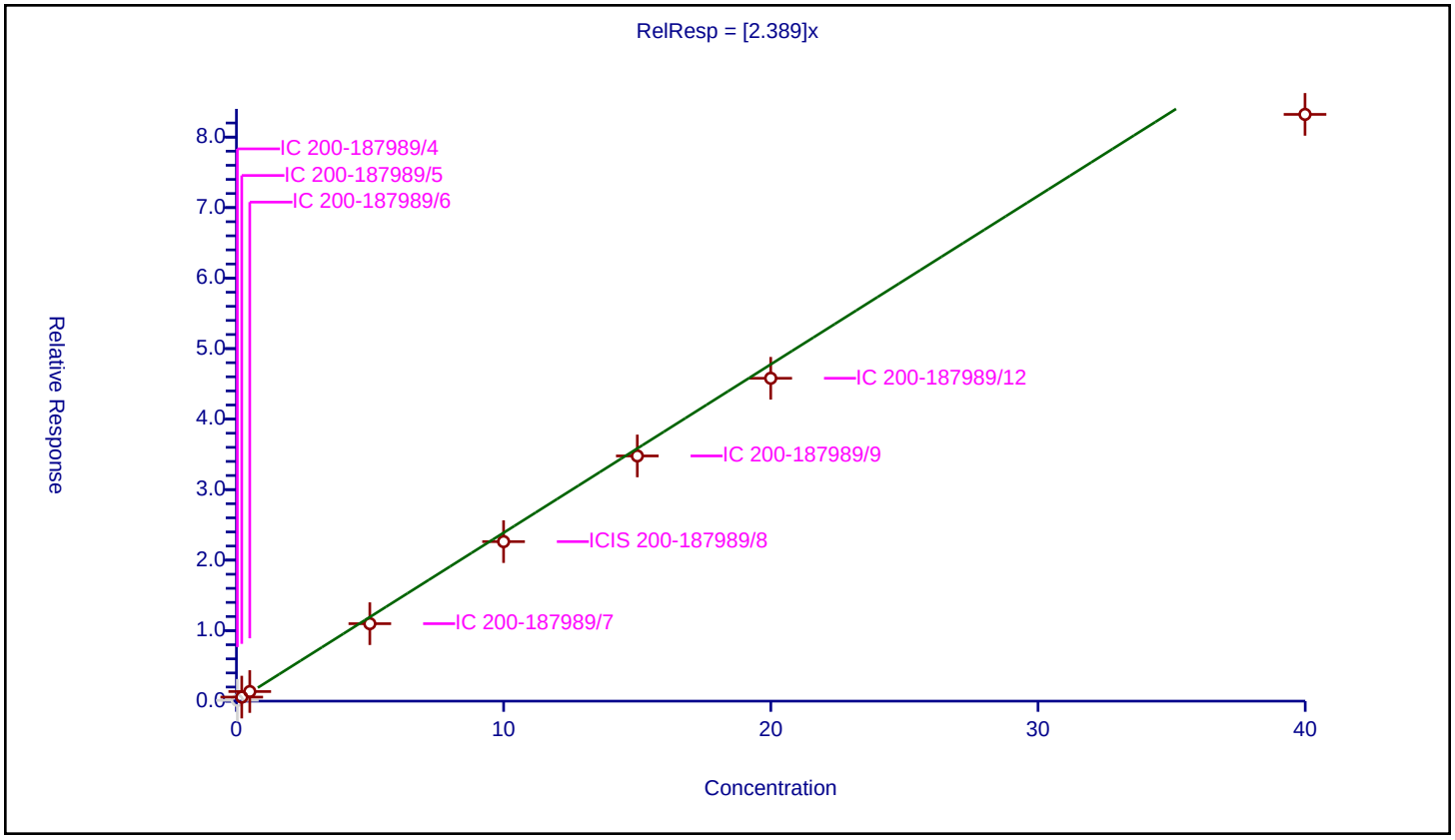
Curve Coefficients

Intercept:	0
Slope:	2.389

Error Coefficients

Standard Error:	473000
Relative Standard Error:	11.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.113811	10.0	110973.0	3.244623	N
2	IC 200-187989/5	0.20044	0.570665	10.0	110748.0	2.847066	Y
3	IC 200-187989/6	0.500453	1.361369	10.0	110264.0	2.720276	Y
4	IC 200-187989/7	4.992563	10.986414	10.0	113056.0	2.200556	Y
5	ICIS 200-187989/8	9.99806	22.625969	10.0	112865.0	2.263036	Y
6	IC 200-187989/9	15.003557	34.77677	10.0	111925.0	2.317902	Y
7	IC 200-187989/12	19.99612	45.792392	10.0	112192.0	2.290064	Y
8	IC 200-187989/13	39.99224	83.221844	10.0	110713.0	2.08095	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

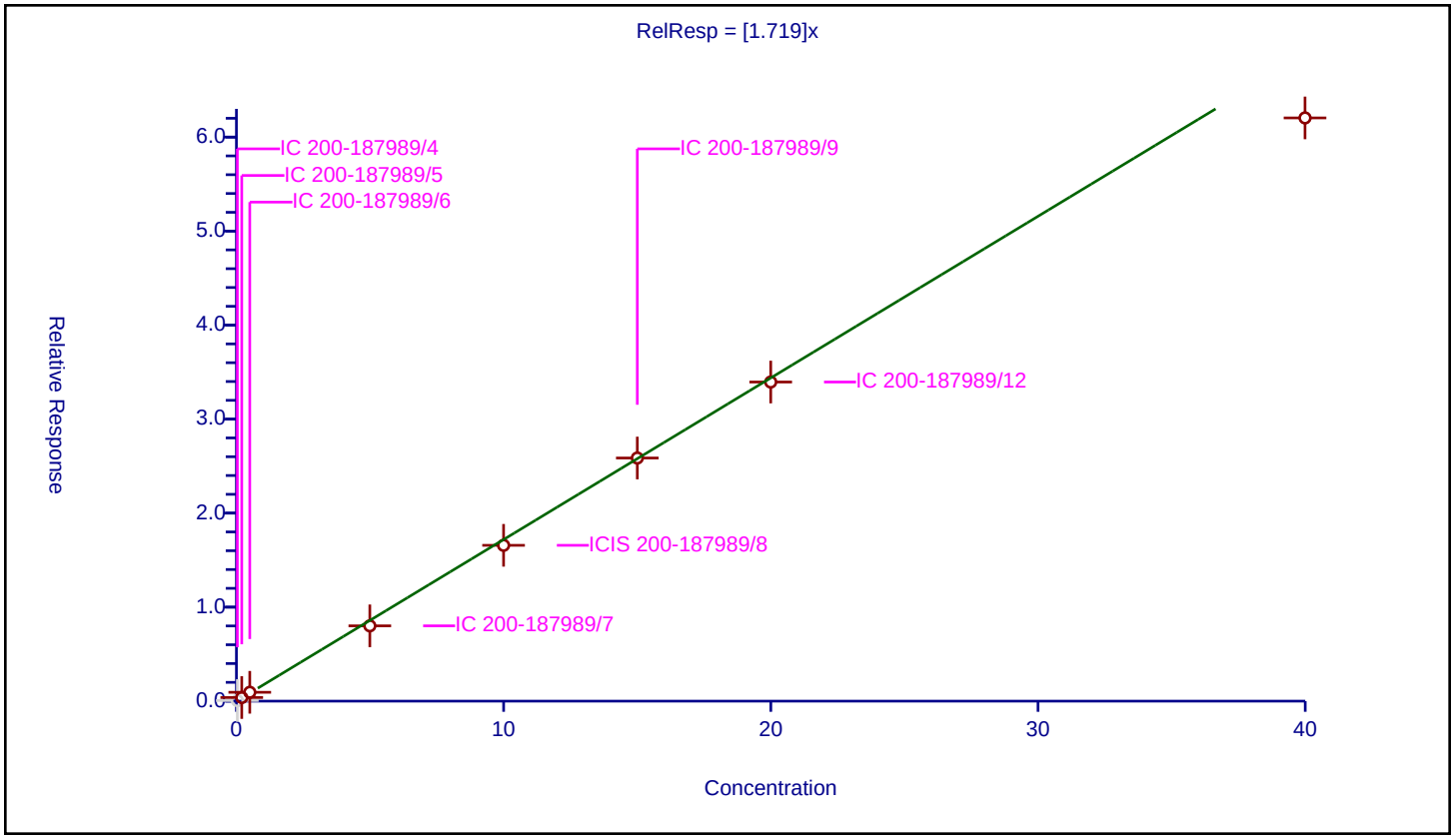
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	352000
Relative Standard Error:	7.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.06434	10.0	110973.0	1.834253	N
2	IC 200-187989/5	0.20044	0.384206	10.0	110748.0	1.916814	Y
3	IC 200-187989/6	0.500453	0.942103	10.0	110264.0	1.882501	Y
4	IC 200-187989/7	4.992563	8.010455	10.0	113056.0	1.604478	Y
5	ICIS 200-187989/8	9.99806	16.575466	10.0	112865.0	1.657868	Y
6	IC 200-187989/9	15.003557	25.861604	10.0	111925.0	1.723698	Y
7	IC 200-187989/12	19.99612	33.94636	10.0	112192.0	1.697647	Y
8	IC 200-187989/13	39.99224	62.040591	10.0	110713.0	1.551316	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

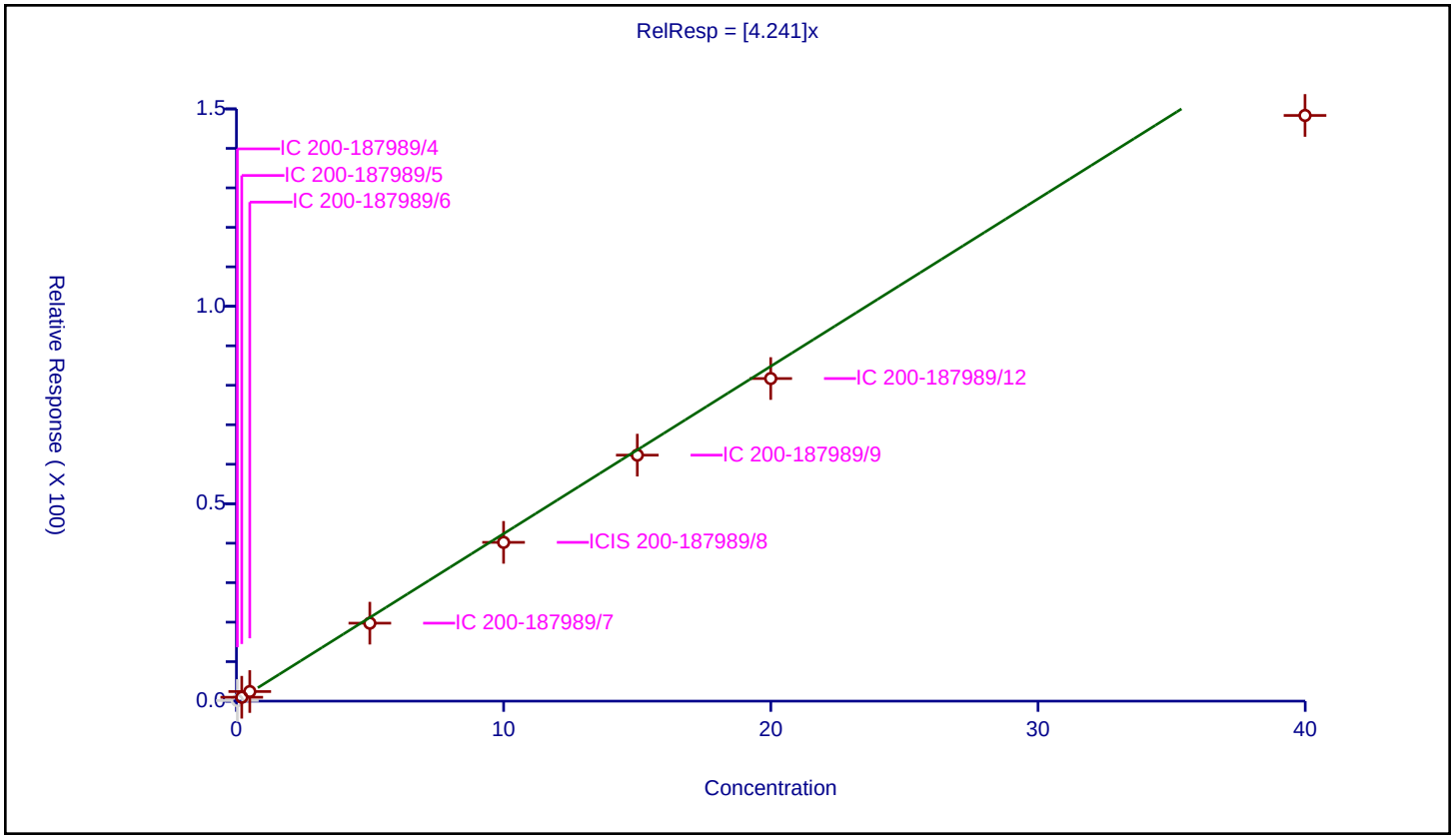
Curve Coefficients

Intercept:	0
Slope:	4.241

Error Coefficients

Standard Error:	845000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.150397	10.0	110973.0	4.28763	N
2	IC 200-187989/5	0.20044	0.982681	10.0	110748.0	4.902629	Y
3	IC 200-187989/6	0.500453	2.430621	10.0	110264.0	4.856846	Y
4	IC 200-187989/7	4.992563	19.751097	10.0	113056.0	3.956104	Y
5	ICIS 200-187989/8	9.99806	40.211935	10.0	112865.0	4.021974	Y
6	IC 200-187989/9	15.003557	62.309404	10.0	111925.0	4.152975	Y
7	IC 200-187989/12	19.99612	81.707341	10.0	112192.0	4.08616	Y
8	IC 200-187989/13	39.99224	148.337774	10.0	110713.0	3.709164	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

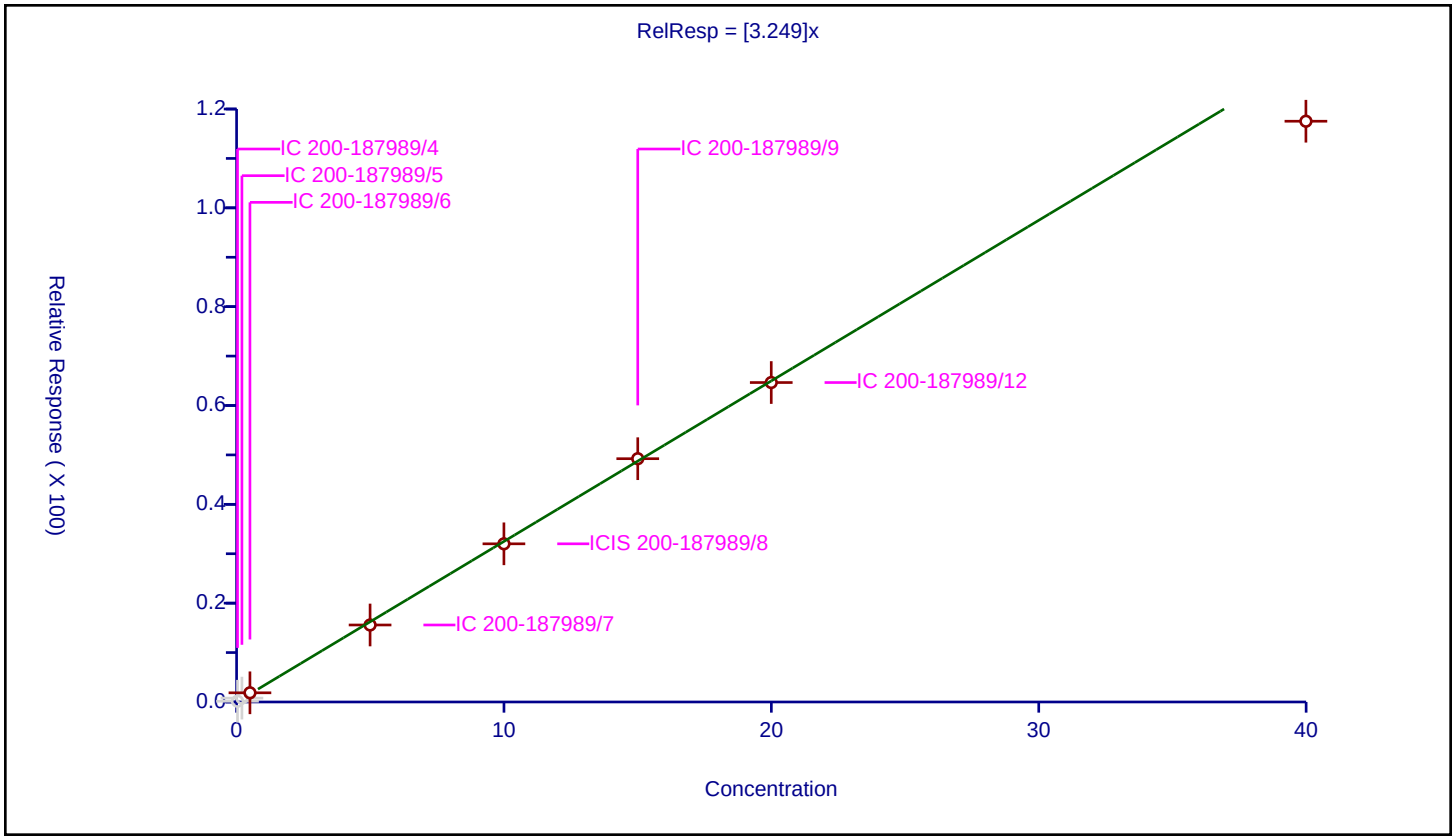
Curve Coefficients

Intercept:	0
Slope:	3.249

Error Coefficients

Standard Error:	733000
Relative Standard Error:	8.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.155804	10.0	110973.0	4.441769	N
2	IC 200-187989/5	0.20044	0.786109	10.0	110748.0	3.921923	N
3	IC 200-187989/6	0.500453	1.861623	10.0	110264.0	3.719879	Y
4	IC 200-187989/7	4.992563	15.580597	10.0	113056.0	3.120761	Y
5	ICIS 200-187989/8	9.99806	32.009215	10.0	112865.0	3.201543	Y
6	IC 200-187989/9	15.003557	49.234219	10.0	111925.0	3.281503	Y
7	IC 200-187989/12	19.99612	64.645875	10.0	112192.0	3.232921	Y
8	IC 200-187989/13	39.99224	117.528113	10.0	110713.0	2.938773	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

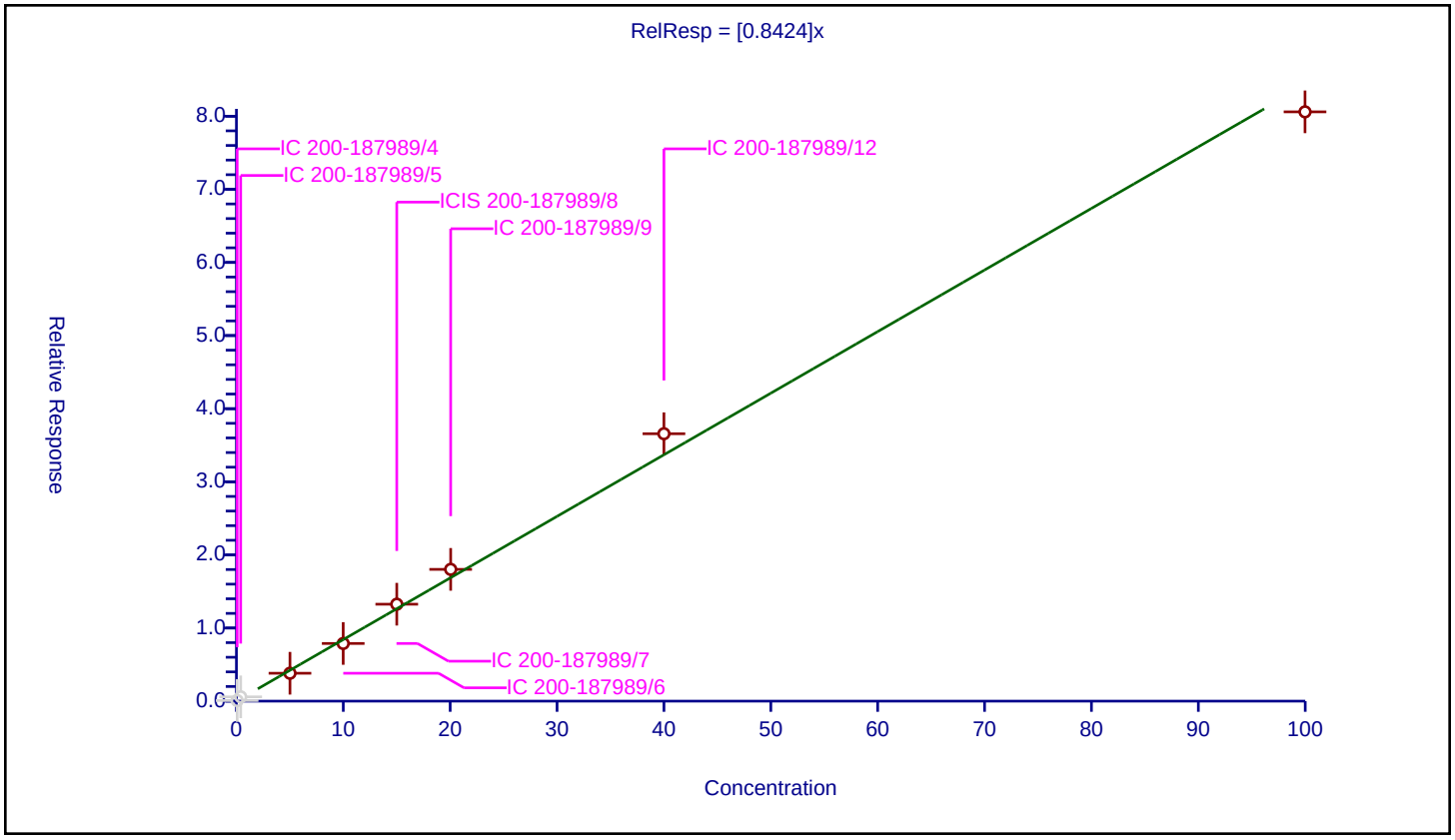
Curve Coefficients

Intercept:	0
Slope:	0.8424

Error Coefficients

Standard Error:	455000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.070165	0.08047	10.0	110973.0	1.146865	N
2	IC 200-187989/5	0.400944	0.589717	10.0	110748.0	1.470821	N
3	IC 200-187989/6	5.010638	3.816023	10.0	110264.0	0.761584	Y
4	IC 200-187989/7	9.991593	7.887419	10.0	113056.0	0.789406	Y
5	ICIS 200-187989/8	15.003557	13.259026	10.0	112865.0	0.883726	Y
6	IC 200-187989/9	20.047856	18.022783	10.0	111925.0	0.898988	Y
7	IC 200-187989/12	39.998707	36.575692	10.0	112192.0	0.914422	Y
8	IC 200-187989/13	99.980599	80.595865	10.0	110713.0	0.806115	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

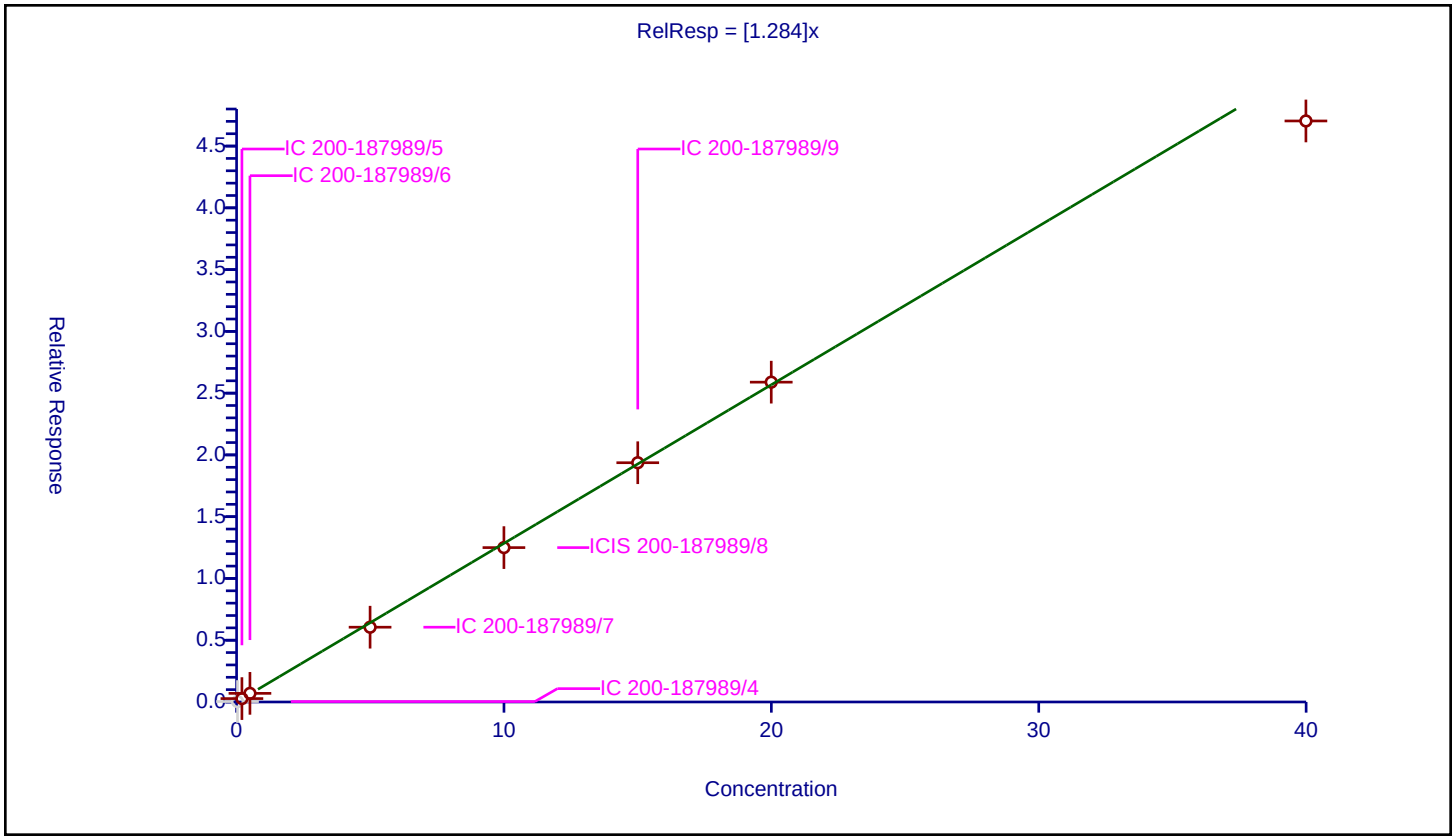
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	267000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.036045	10.0	110973.0	1.027593	N
2	IC 200-187989/5	0.20044	0.274497	10.0	110748.0	1.369475	Y
3	IC 200-187989/6	0.500453	0.698052	10.0	110264.0	1.394841	Y
4	IC 200-187989/7	4.992563	6.052841	10.0	113056.0	1.212372	Y
5	ICIS 200-187989/8	9.99806	12.498117	10.0	112865.0	1.250054	Y
6	IC 200-187989/9	15.003557	19.368416	10.0	111925.0	1.290922	Y
7	IC 200-187989/12	19.99612	25.889279	10.0	112192.0	1.294715	Y
8	IC 200-187989/13	39.99224	47.033591	10.0	110713.0	1.176068	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

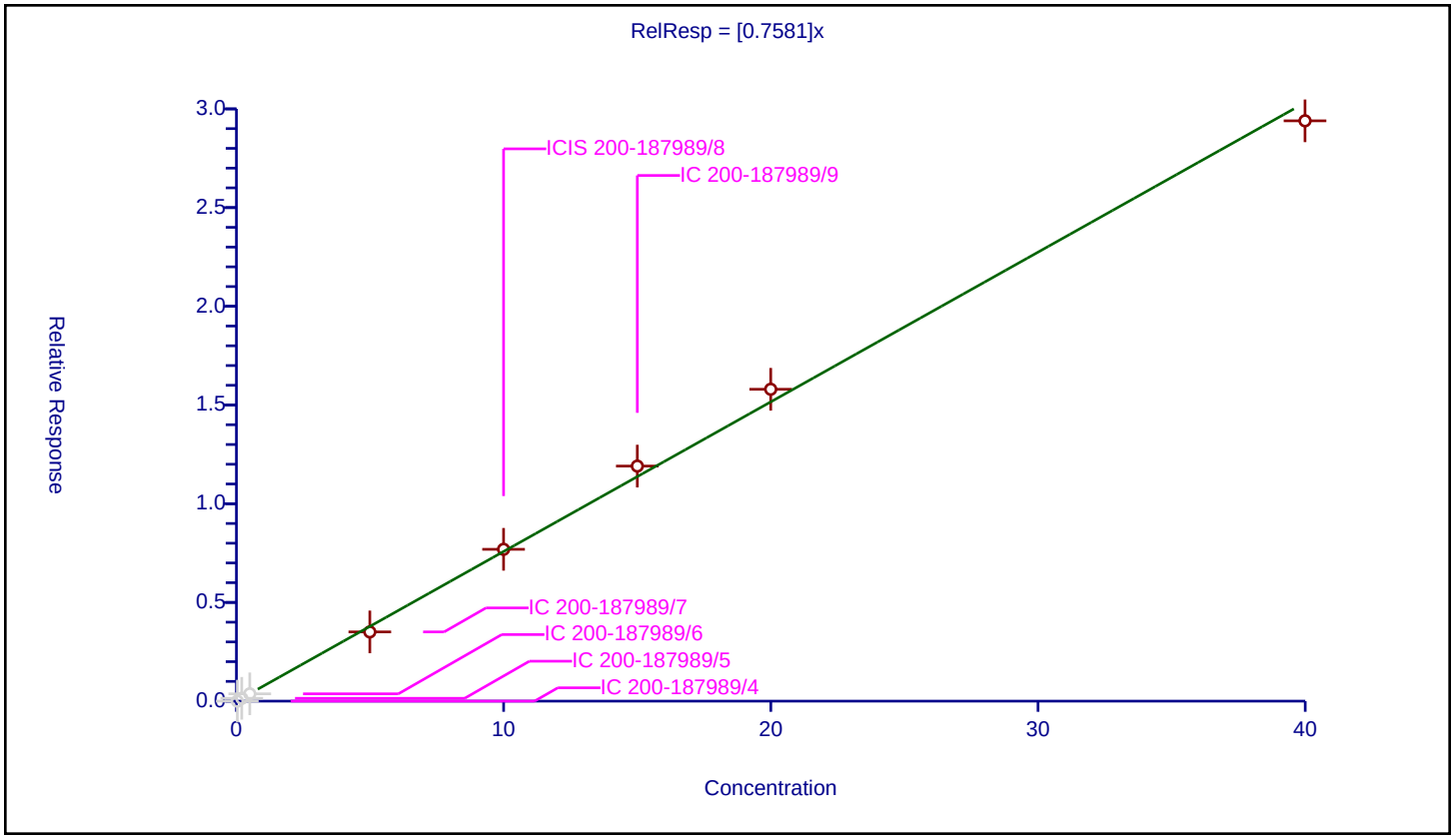
Curve Coefficients

Intercept:	0
Slope:	0.7581

Error Coefficients

Standard Error:	203000
Relative Standard Error:	5.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.143659	10.0	110748.0	0.716722	N
3	IC 200-187989/6	0.500453	0.370293	10.0	110264.0	0.739916	N
4	IC 200-187989/7	4.992563	3.506935	10.0	113056.0	0.702432	Y
5	ICIS 200-187989/8	9.99806	7.69087	10.0	112865.0	0.769236	Y
6	IC 200-187989/9	15.003557	11.906098	10.0	111925.0	0.793552	Y
7	IC 200-187989/12	19.99612	15.798274	10.0	112192.0	0.790067	Y
8	IC 200-187989/13	39.99224	29.394922	10.0	110713.0	0.735016	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

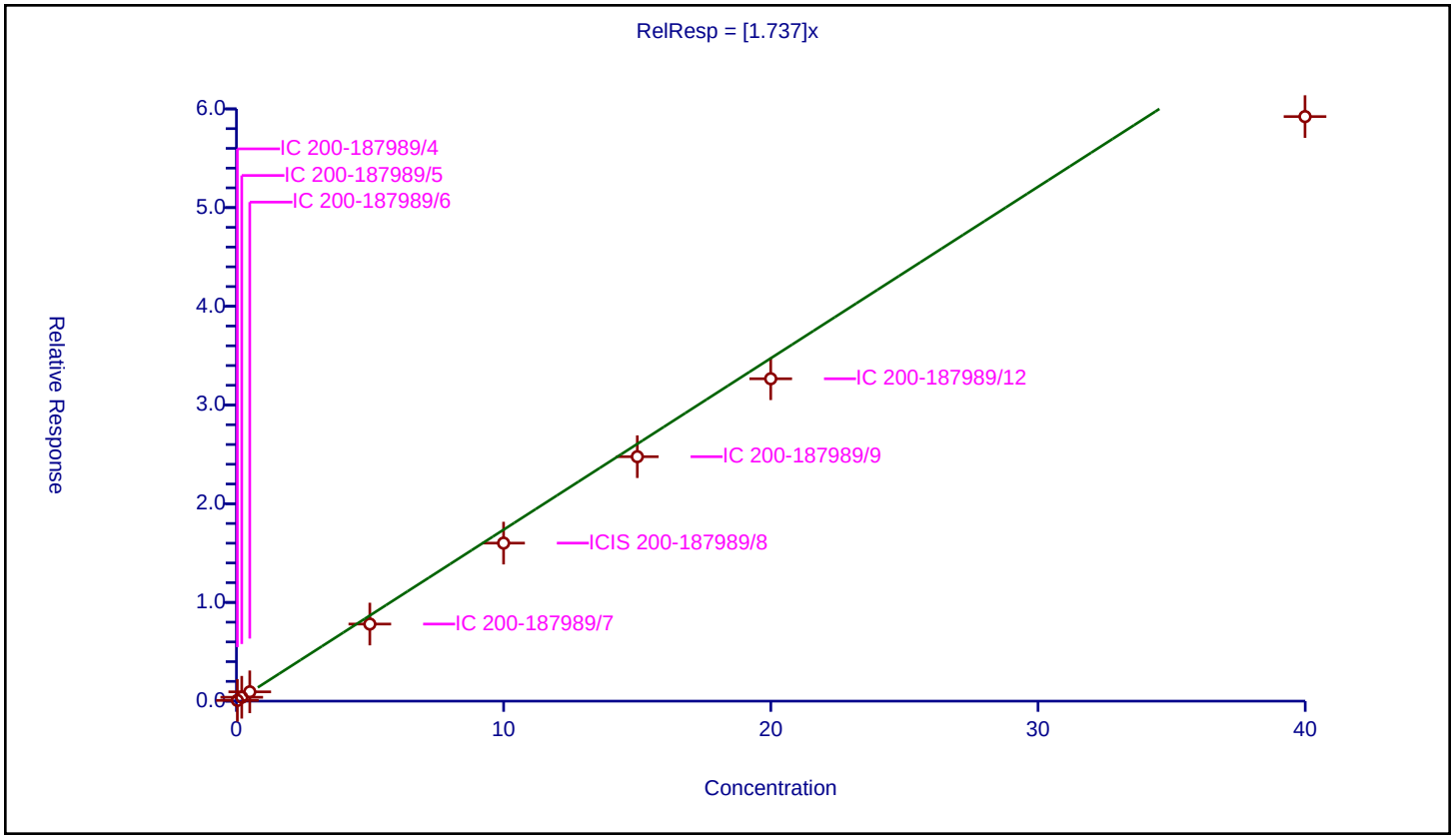
Curve Coefficients

Intercept:	0
Slope:	1.737

Error Coefficients

Standard Error:	312000
Relative Standard Error:	12.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.074523	10.0	110973.0	2.124548	Y
2	IC 200-187989/5	0.20044	0.391881	10.0	110748.0	1.955105	Y
3	IC 200-187989/6	0.500453	0.943554	10.0	110264.0	1.885401	Y
4	IC 200-187989/7	4.992563	7.810023	10.0	113056.0	1.564331	Y
5	ICIS 200-187989/8	9.99806	16.010809	10.0	112865.0	1.601392	Y
6	IC 200-187989/9	15.003557	24.766406	10.0	111925.0	1.650702	Y
7	IC 200-187989/12	19.99612	32.659904	10.0	112192.0	1.633312	Y
8	IC 200-187989/13	39.99224	59.220959	10.0	110713.0	1.480811	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

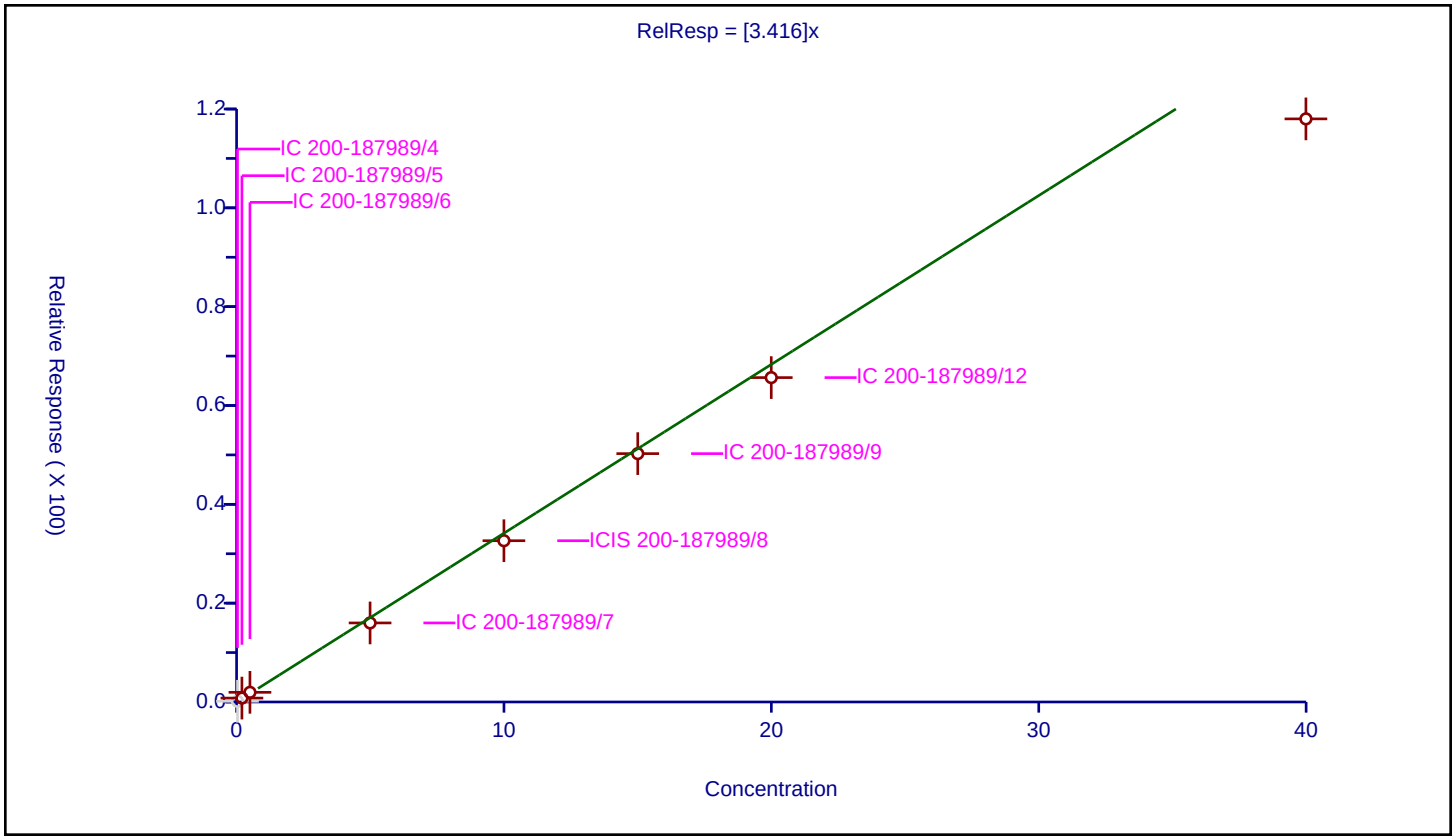
Curve Coefficients

Intercept:	0
Slope:	3.416

Error Coefficients

Standard Error:	675000
Relative Standard Error:	10.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.146973	10.0	110973.0	4.190009	N
2	IC 200-187989/5	0.20044	0.79243	10.0	110748.0	3.953457	Y
3	IC 200-187989/6	0.500453	1.954944	10.0	110264.0	3.906353	Y
4	IC 200-187989/7	4.992563	15.999328	10.0	113056.0	3.204632	Y
5	ICIS 200-187989/8	9.99806	32.634829	10.0	112865.0	3.264116	Y
6	IC 200-187989/9	15.003557	50.262319	10.0	111925.0	3.350027	Y
7	IC 200-187989/12	19.99612	65.646125	10.0	112192.0	3.282943	Y
8	IC 200-187989/13	39.99224	118.002132	10.0	110713.0	2.950626	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

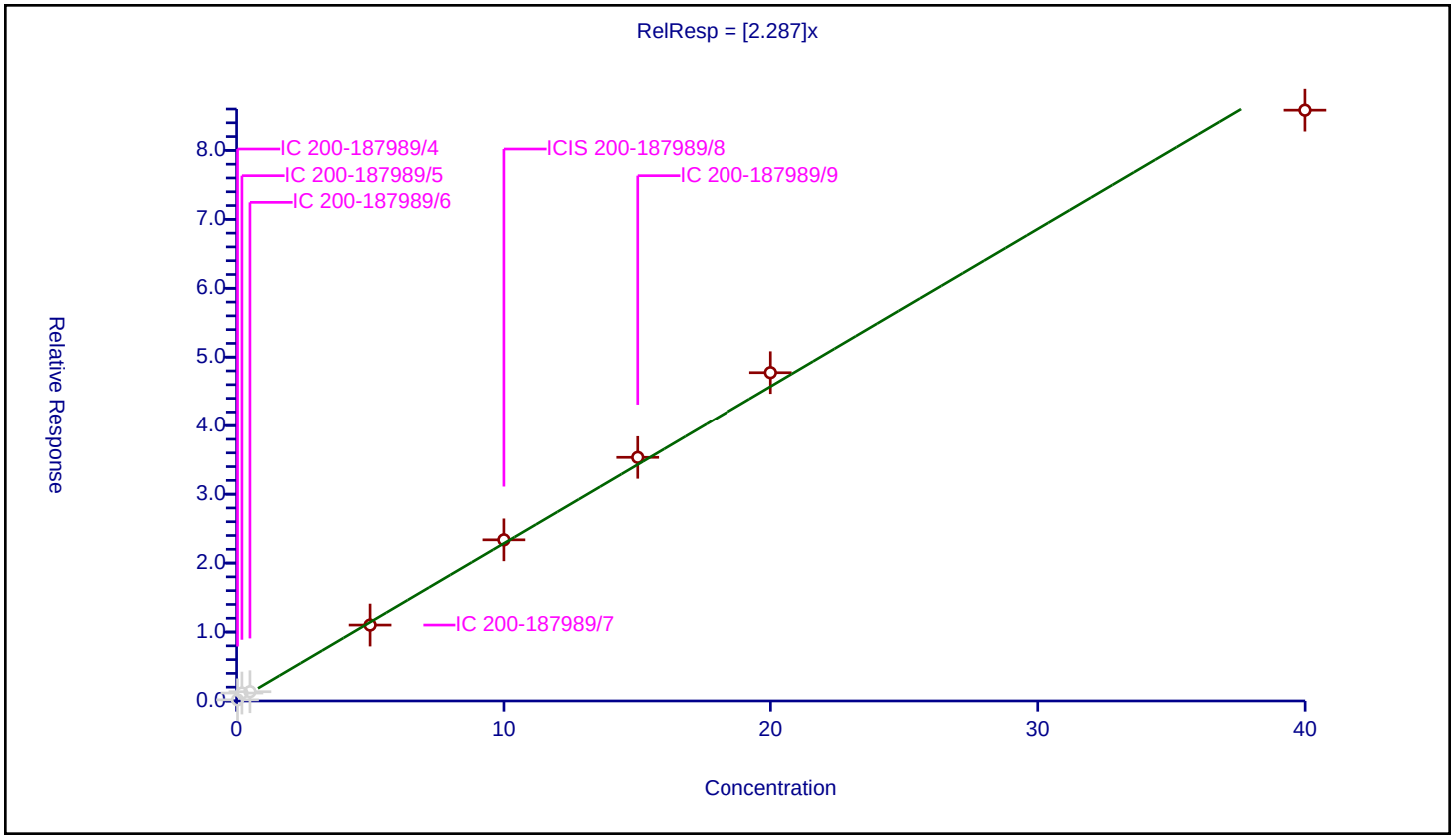
Curve Coefficients

Intercept:	0
Slope:	2.287

Error Coefficients

Standard Error:	598000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.166167	10.0	110973.0	4.737202	N
2	IC 200-187989/5	0.20044	1.150088	10.0	110748.0	5.737829	N
3	IC 200-187989/6	0.500453	1.345679	10.0	110264.0	2.688925	N
4	IC 200-187989/7	4.992563	11.011888	10.0	113056.0	2.205658	Y
5	ICIS 200-187989/8	9.99806	23.371461	10.0	112865.0	2.3376	Y
6	IC 200-187989/9	15.003557	35.345544	10.0	111925.0	2.355811	Y
7	IC 200-187989/12	19.99612	47.751355	10.0	112192.0	2.388031	Y
8	IC 200-187989/13	39.99224	85.832829	10.0	110713.0	2.146237	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

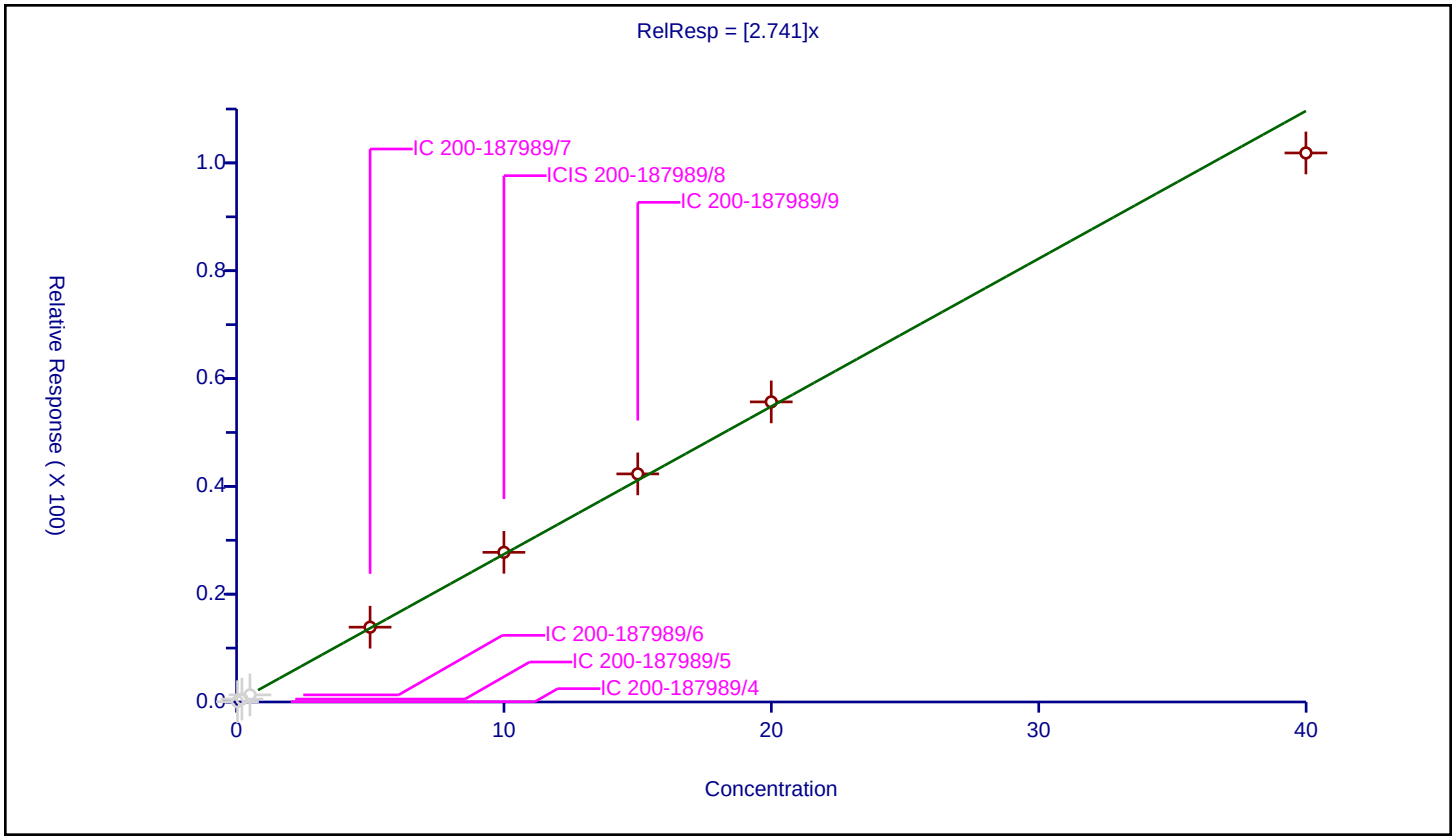
Curve Coefficients

Intercept:	0
Slope:	2.741

Error Coefficients

Standard Error:	709000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.051094	10.0	110973.0	1.456612	N
2	IC 200-187989/5	0.20044	0.541771	10.0	110748.0	2.702911	N
3	IC 200-187989/6	0.500453	1.316477	10.0	110264.0	2.630573	N
4	IC 200-187989/7	4.992563	13.876486	10.0	113056.0	2.779431	Y
5	ICIS 200-187989/8	9.99806	27.764586	10.0	112865.0	2.776997	Y
6	IC 200-187989/9	15.003557	42.312709	10.0	111925.0	2.820179	Y
7	IC 200-187989/12	19.99612	55.669299	10.0	112192.0	2.784005	Y
8	IC 200-187989/13	39.99224	101.845312	10.0	110713.0	2.546627	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

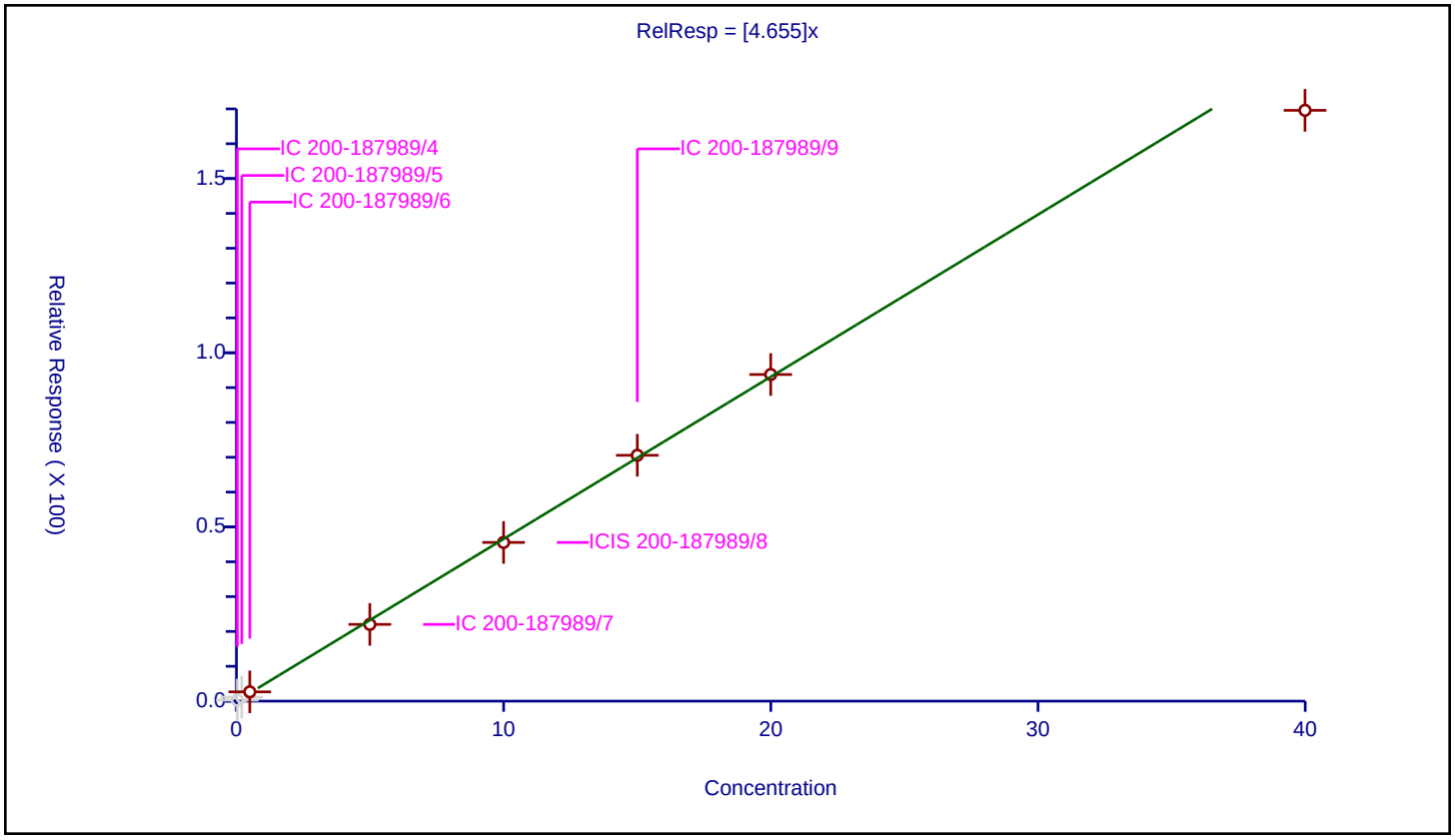
Curve Coefficients

Intercept:	0
Slope:	4.655

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	8.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.287457	10.0	110973.0	8.195051	N
2	IC 200-187989/5	0.20044	1.132571	10.0	110748.0	5.650435	N
3	IC 200-187989/6	0.500453	2.66787	10.0	110264.0	5.330914	Y
4	IC 200-187989/7	4.992563	22.027933	10.0	113056.0	4.412149	Y
5	ICIS 200-187989/8	9.99806	45.551854	10.0	112865.0	4.556069	Y
6	IC 200-187989/9	15.003557	70.570829	10.0	111925.0	4.703607	Y
7	IC 200-187989/12	19.99612	93.75722	10.0	112192.0	4.688771	Y
8	IC 200-187989/13	39.99224	169.585144	10.0	110713.0	4.240451	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

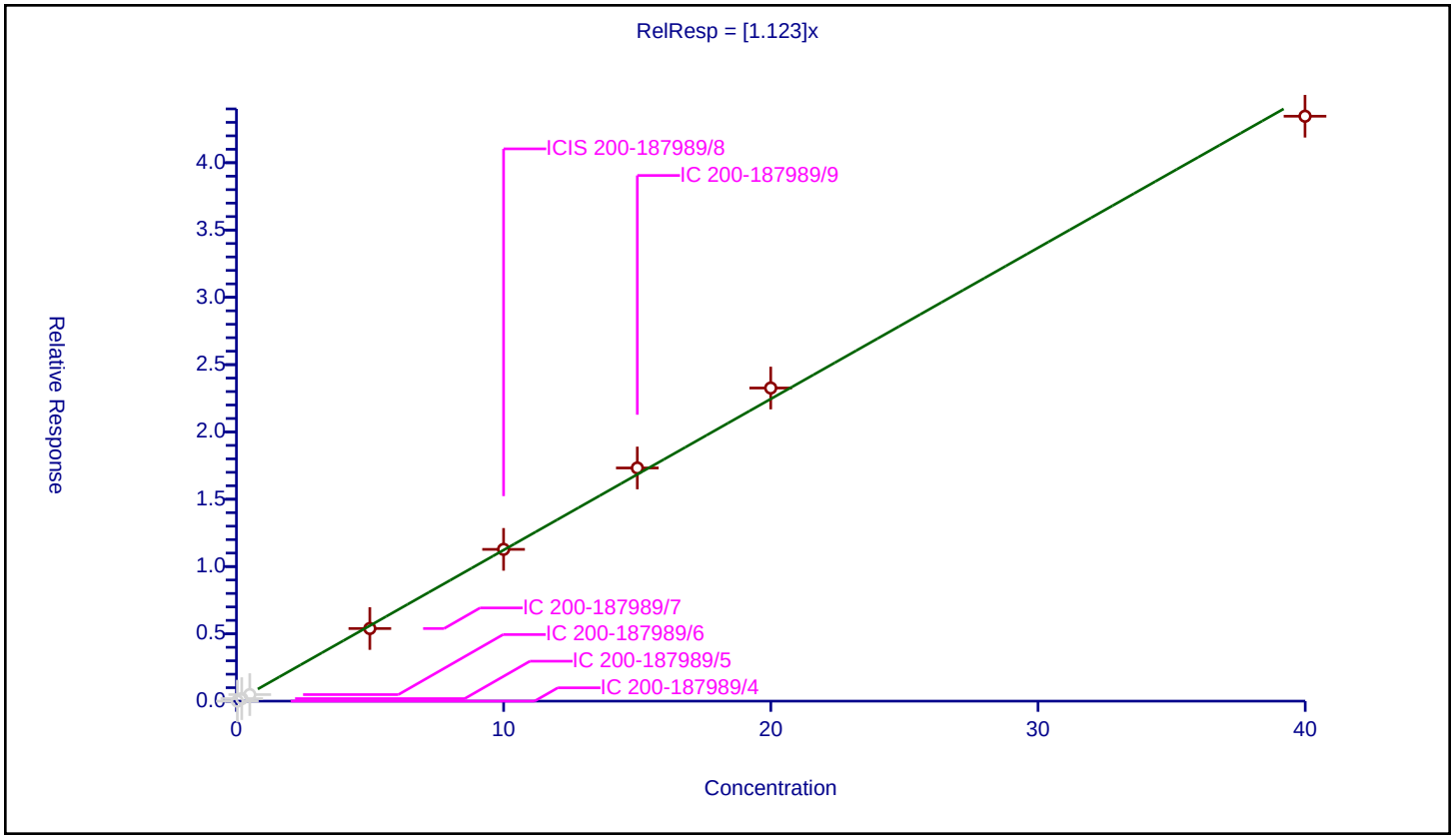
Curve Coefficients

Intercept:	0
Slope:	1.123

Error Coefficients

Standard Error:	299000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.187814	10.0	110748.0	0.937009	N
3	IC 200-187989/6	0.500453	0.485925	10.0	110264.0	0.97097	N
4	IC 200-187989/7	4.992563	5.39591	10.0	113056.0	1.08079	Y
5	ICIS 200-187989/8	9.99806	11.276126	10.0	112865.0	1.127831	Y
6	IC 200-187989/9	15.003557	17.322761	10.0	111925.0	1.154577	Y
7	IC 200-187989/12	19.99612	23.263869	10.0	112192.0	1.163419	Y
8	IC 200-187989/13	39.99224	43.455511	10.0	110713.0	1.086599	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

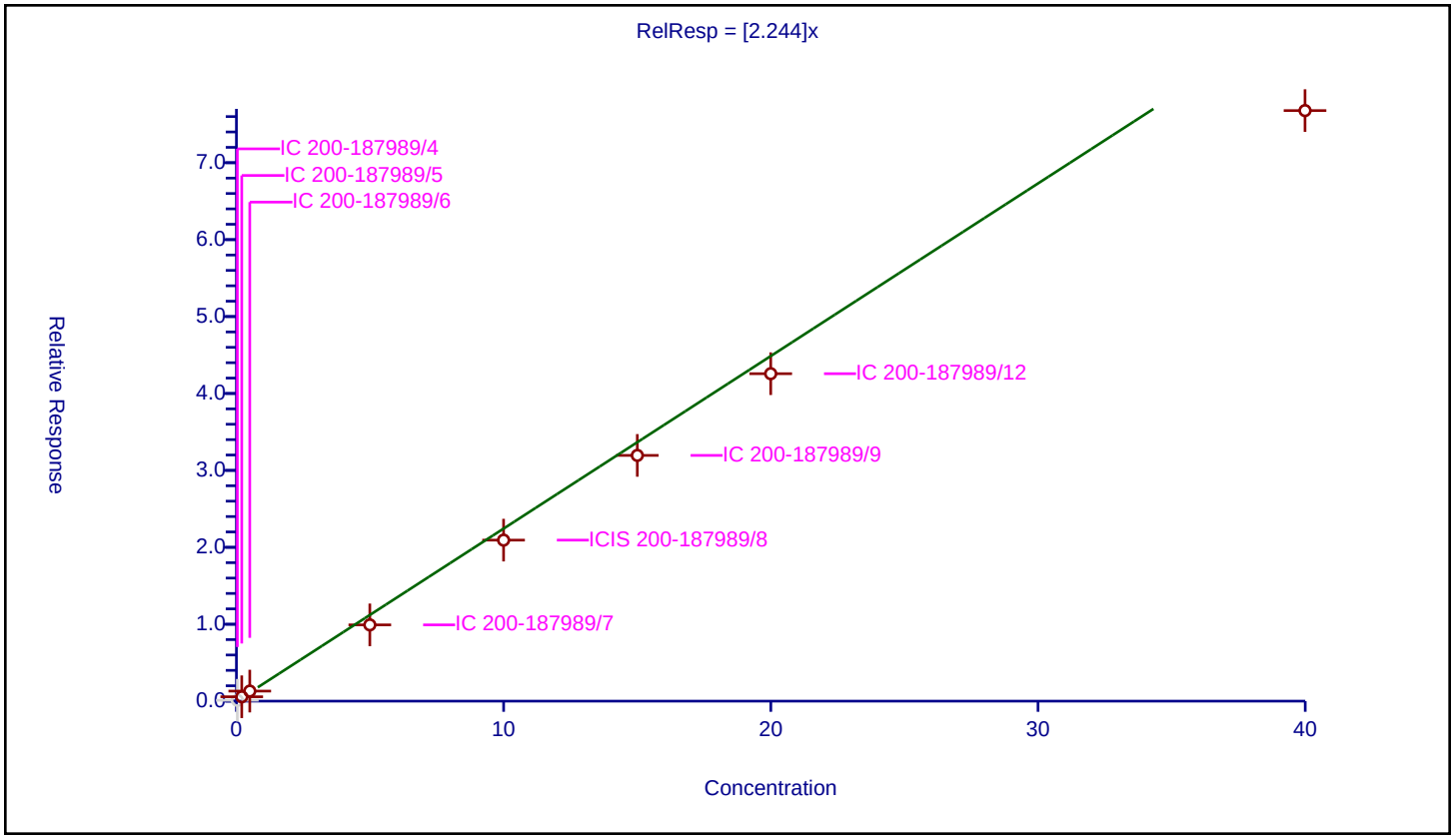
Curve Coefficients

Intercept:	0
Slope:	2.244

Error Coefficients

Standard Error:	437000
Relative Standard Error:	15.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.111108	10.0	110973.0	3.167554	N
2	IC 200-187989/5	0.20044	0.568046	10.0	110748.0	2.834002	Y
3	IC 200-187989/6	0.500453	1.307408	10.0	110264.0	2.612451	Y
4	IC 200-187989/7	4.992563	9.917298	10.0	113056.0	1.986414	Y
5	ICIS 200-187989/8	9.99806	20.934391	10.0	112865.0	2.093845	Y
6	IC 200-187989/9	15.003557	31.948001	10.0	111925.0	2.129362	Y
7	IC 200-187989/12	19.99612	42.573713	10.0	112192.0	2.129099	Y
8	IC 200-187989/13	39.99224	76.778969	10.0	110713.0	1.919847	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

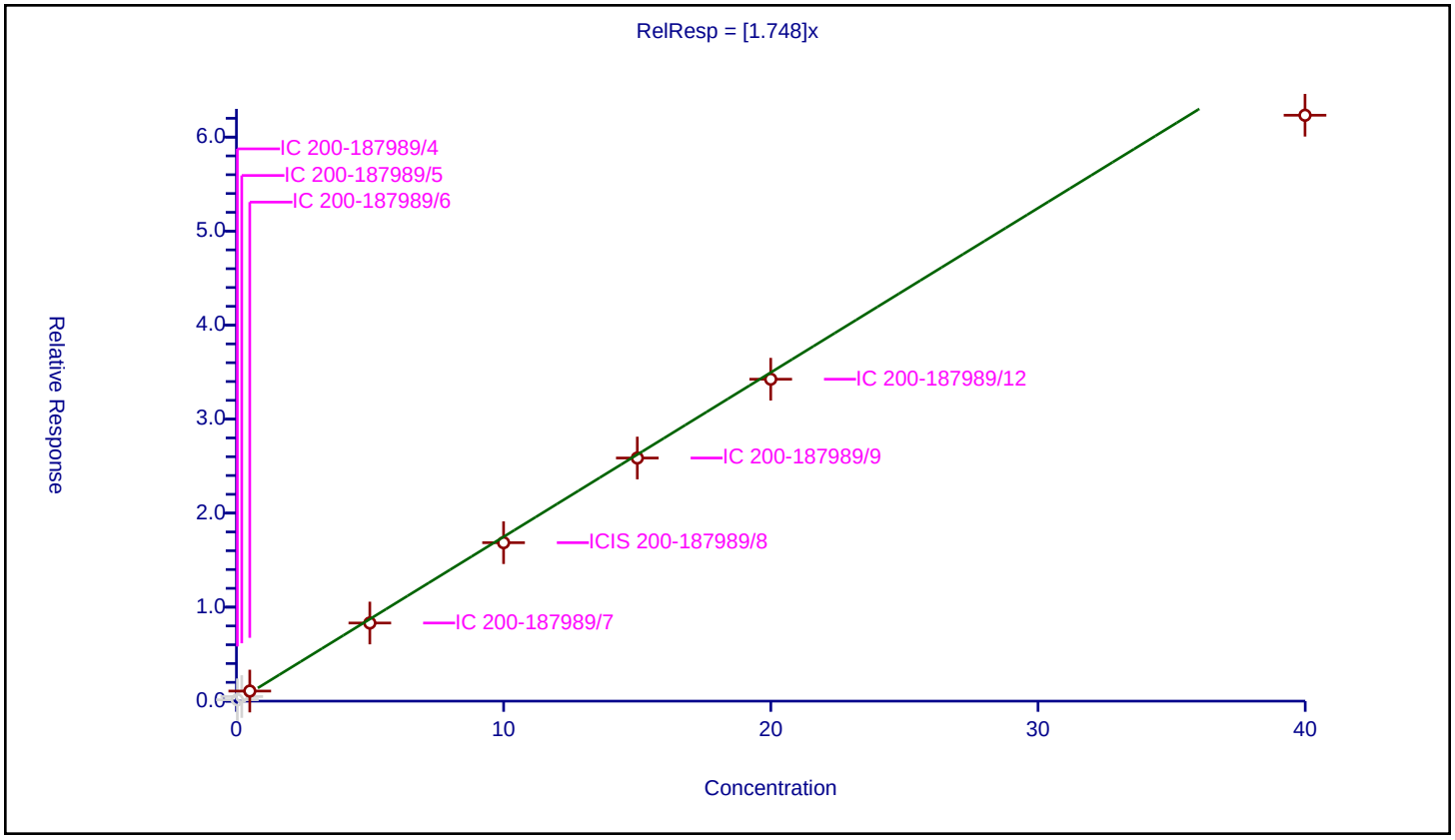
Curve Coefficients

Intercept:	0
Slope:	1.748

Error Coefficients

Standard Error:	388000
Relative Standard Error:	11.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.145441	10.0	110973.0	4.146336	N
2	IC 200-187989/5	0.20044	0.489128	10.0	110748.0	2.440278	N
3	IC 200-187989/6	0.500453	1.072789	10.0	110264.0	2.143638	Y
4	IC 200-187989/7	4.992563	8.311633	10.0	113056.0	1.664803	Y
5	ICIS 200-187989/8	9.99806	16.856067	10.0	112865.0	1.685934	Y
6	IC 200-187989/9	15.003557	25.861872	10.0	111925.0	1.723716	Y
7	IC 200-187989/12	19.99612	34.246381	10.0	112192.0	1.712651	Y
8	IC 200-187989/13	39.99224	62.325111	10.0	110713.0	1.55843	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

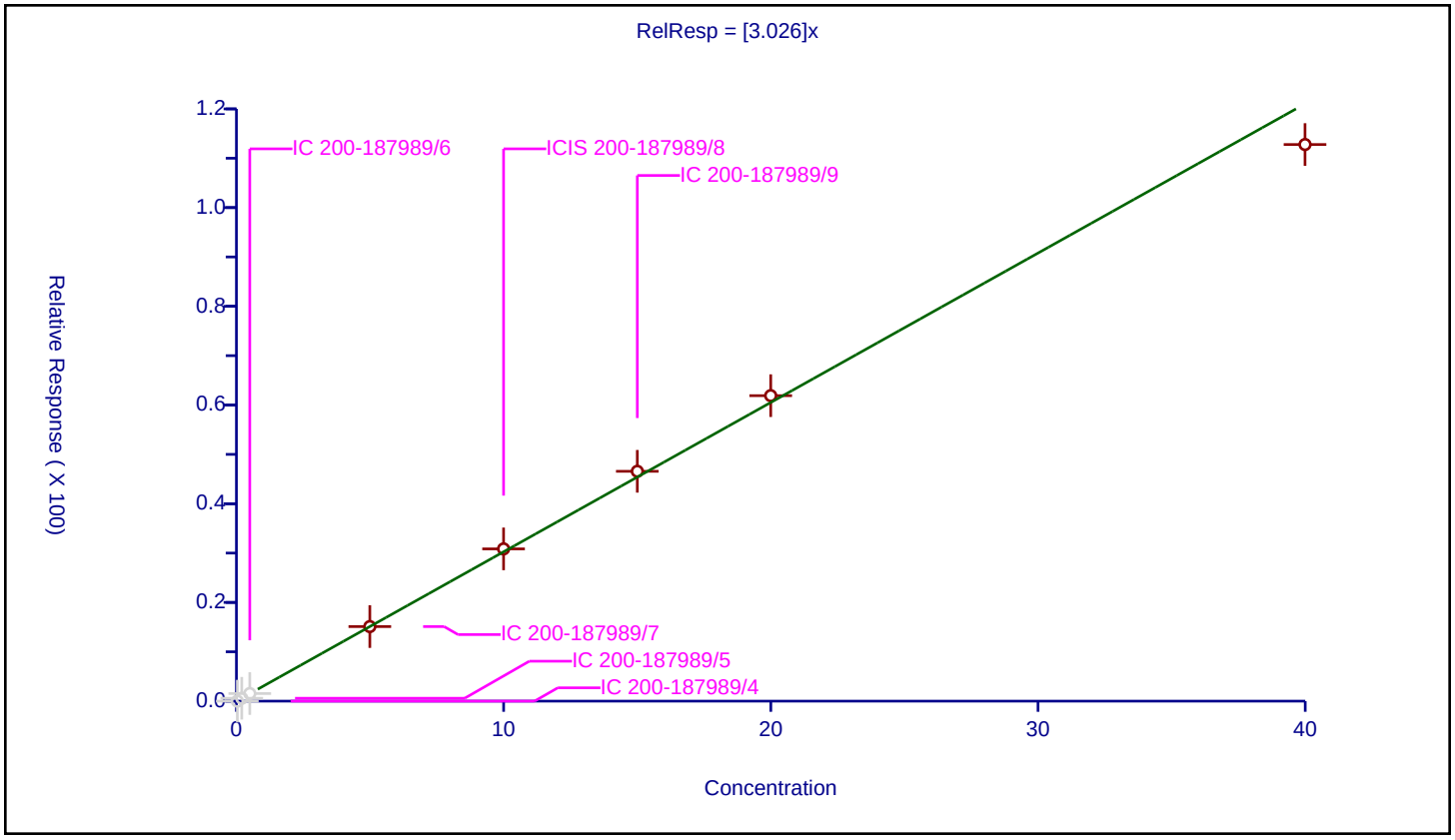
Curve Coefficients

Intercept:	0
Slope:	3.026

Error Coefficients

Standard Error:	785000
Relative Standard Error:	3.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.582855	10.0	110748.0	2.907881	N
3	IC 200-187989/6	0.500453	1.543205	10.0	110264.0	3.08362	N
4	IC 200-187989/7	4.992563	15.108	10.0	113056.0	3.026101	Y
5	ICIS 200-187989/8	9.99806	30.849953	10.0	112865.0	3.085594	Y
6	IC 200-187989/9	15.003557	46.56931	10.0	111925.0	3.103885	Y
7	IC 200-187989/12	19.99612	61.893629	10.0	112192.0	3.095282	Y
8	IC 200-187989/13	39.99224	112.781968	10.0	110713.0	2.820096	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

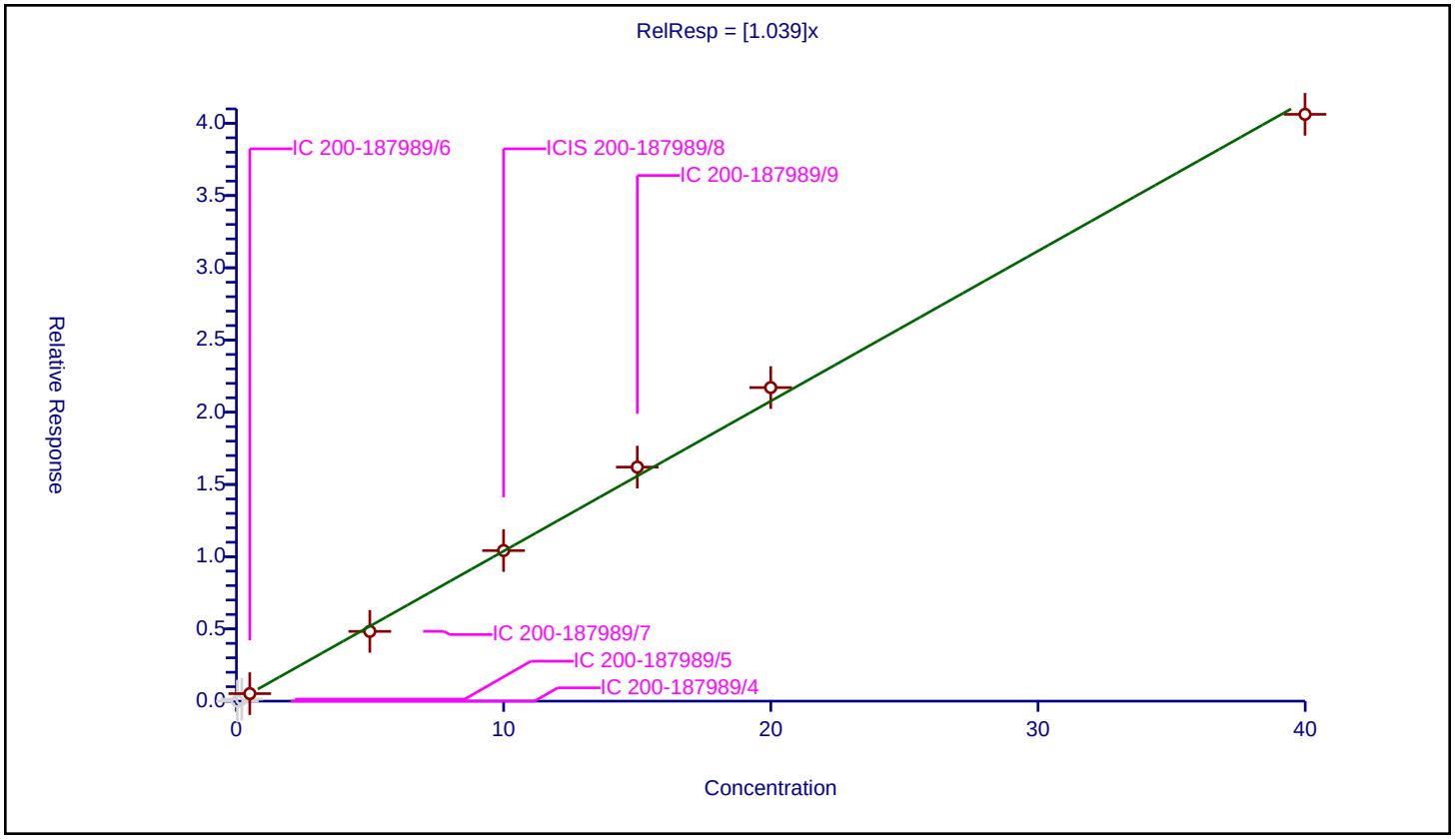
Curve Coefficients

Intercept:	0
Slope:	1.039

Error Coefficients

Standard Error:	250000
Relative Standard Error:	4.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.136526	10.0	110748.0	0.681133	N
3	IC 200-187989/6	0.500453	0.520932	10.0	110264.0	1.040921	Y
4	IC 200-187989/7	4.992563	4.83035	10.0	113056.0	0.967509	Y
5	ICIS 200-187989/8	9.99806	10.424755	10.0	112865.0	1.042678	Y
6	IC 200-187989/9	15.003557	16.202278	10.0	111925.0	1.079896	Y
7	IC 200-187989/12	19.99612	21.709035	10.0	112192.0	1.085662	Y
8	IC 200-187989/13	39.99224	40.624136	10.0	110713.0	1.0158	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

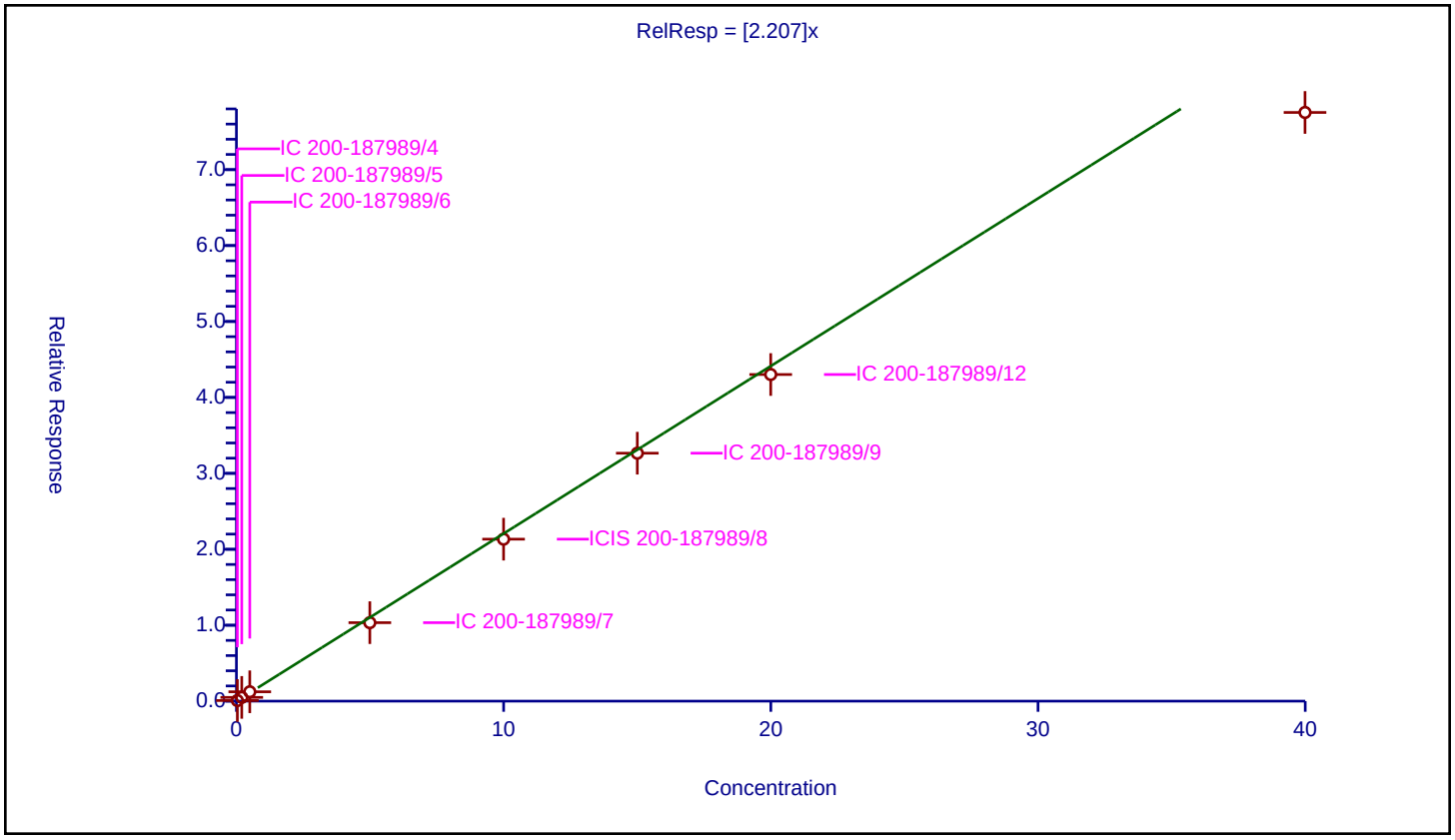
Curve Coefficients

Intercept:	0
Slope:	2.207

Error Coefficients

Standard Error:	410000
Relative Standard Error:	8.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.079299	10.0	110973.0	2.260704	Y
2	IC 200-187989/5	0.20044	0.493192	10.0	110748.0	2.46055	Y
3	IC 200-187989/6	0.500453	1.232406	10.0	110264.0	2.462583	Y
4	IC 200-187989/7	4.992563	10.336205	10.0	113056.0	2.07032	Y
5	ICIS 200-187989/8	9.99806	21.330882	10.0	112865.0	2.133502	Y
6	IC 200-187989/9	15.003557	32.655618	10.0	111925.0	2.176525	Y
7	IC 200-187989/12	19.99612	43.016971	10.0	112192.0	2.151266	Y
8	IC 200-187989/13	39.99224	77.530733	10.0	110713.0	1.938644	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

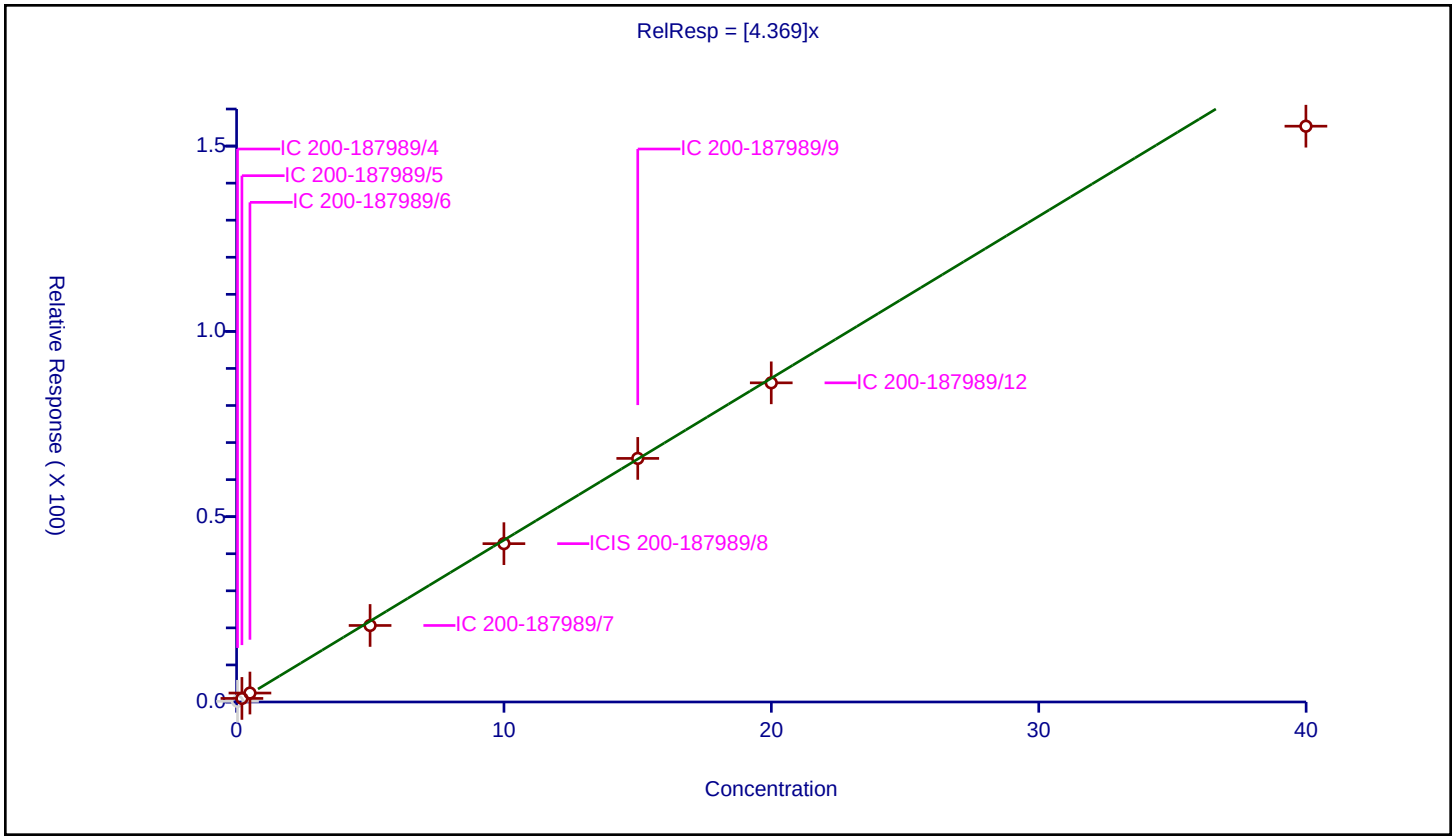
Curve Coefficients

Intercept:	0
Slope:	4.369

Error Coefficients

Standard Error:	887000
Relative Standard Error:	7.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.189145	10.0	110973.0	5.392292	N
2	IC 200-187989/5	0.20044	0.95767	10.0	110748.0	4.777845	Y
3	IC 200-187989/6	0.500453	2.412936	10.0	110264.0	4.821508	Y
4	IC 200-187989/7	4.992563	20.649413	10.0	113056.0	4.136035	Y
5	ICIS 200-187989/8	9.99806	42.719621	10.0	112865.0	4.272791	Y
6	IC 200-187989/9	15.003557	65.725977	10.0	111925.0	4.380693	Y
7	IC 200-187989/12	19.99612	86.115231	10.0	112192.0	4.306597	Y
8	IC 200-187989/13	39.99224	155.363056	10.0	110713.0	3.88483	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

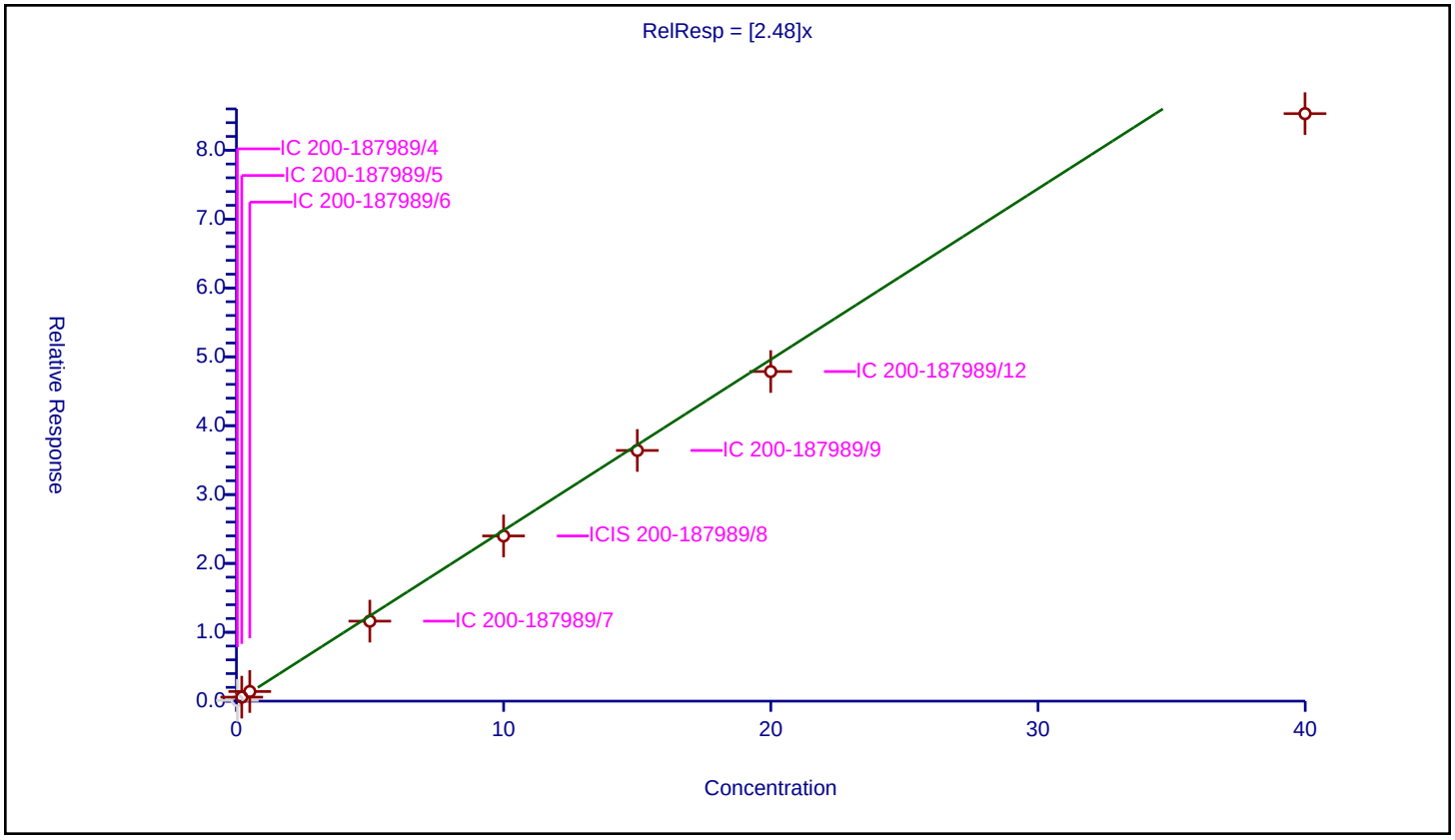
Curve Coefficients

Intercept:	0
Slope:	2.48

Error Coefficients

Standard Error:	489000
Relative Standard Error:	10.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.103719	10.0	110973.0	2.956898	N
2	IC 200-187989/5	0.20044	0.579424	10.0	110748.0	2.890763	Y
3	IC 200-187989/6	0.500453	1.397646	10.0	110264.0	2.792763	Y
4	IC 200-187989/7	4.992563	11.616809	10.0	113056.0	2.326823	Y
5	ICIS 200-187989/8	9.99806	23.986798	10.0	112865.0	2.399145	Y
6	IC 200-187989/9	15.003557	36.401787	10.0	111925.0	2.42621	Y
7	IC 200-187989/12	19.99612	47.861612	10.0	112192.0	2.393545	Y
8	IC 200-187989/13	39.99224	85.31112	10.0	110713.0	2.133192	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

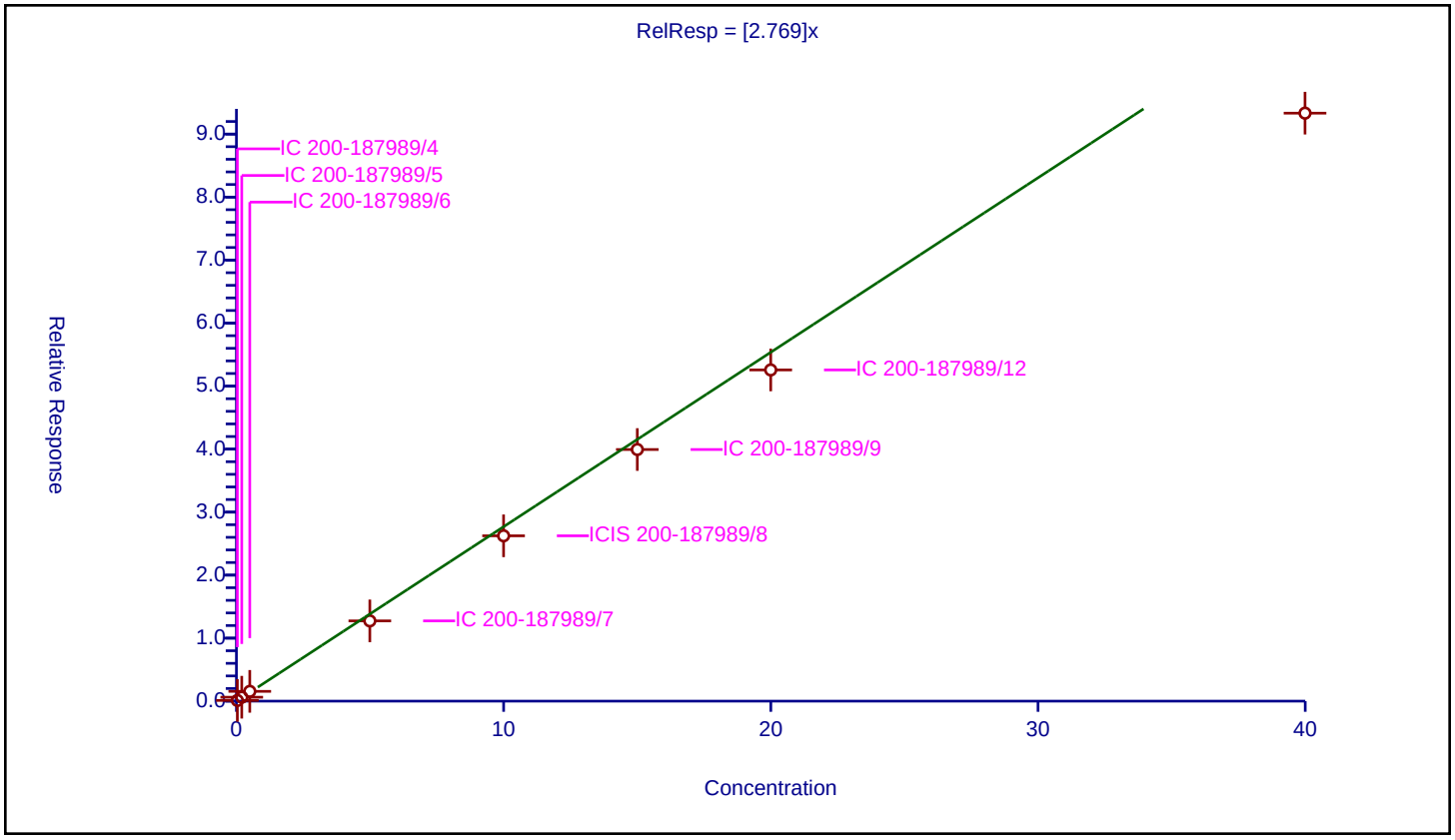
Curve Coefficients

Intercept:	0
Slope:	2.769

Error Coefficients

Standard Error:	496000
Relative Standard Error:	11.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.110117	10.0	110973.0	3.139295	Y
2	IC 200-187989/5	0.20044	0.622404	10.0	110748.0	3.105194	Y
3	IC 200-187989/6	0.500453	1.55427	10.0	110264.0	3.105728	Y
4	IC 200-187989/7	4.992563	12.738731	10.0	113056.0	2.551541	Y
5	ICIS 200-187989/8	9.99806	26.242414	10.0	112865.0	2.624751	Y
6	IC 200-187989/9	15.003557	39.936833	10.0	111925.0	2.661824	Y
7	IC 200-187989/12	19.99612	52.567384	10.0	112192.0	2.628879	Y
8	IC 200-187989/13	39.99224	93.324722	10.0	110713.0	2.333571	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

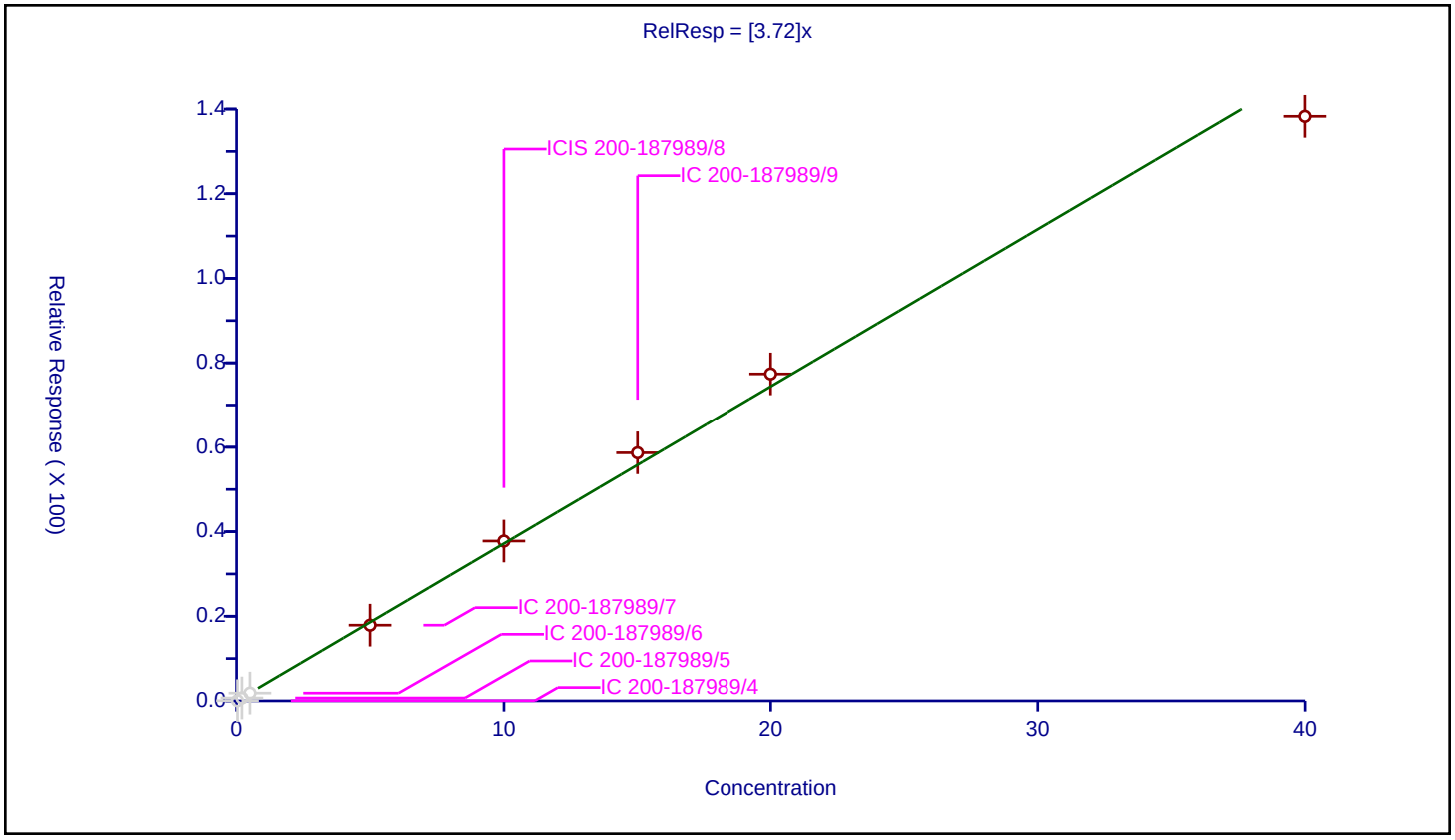
Curve Coefficients

Intercept:	0
Slope:	3.72

Error Coefficients

Standard Error:	968000
Relative Standard Error:	5.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.04037	10.0	110973.0	1.150904	N
2	IC 200-187989/5	0.20044	0.690938	10.0	110748.0	3.447112	N
3	IC 200-187989/6	0.500453	1.834597	10.0	110264.0	3.665876	N
4	IC 200-187989/7	4.992563	17.887861	10.0	113056.0	3.582901	Y
5	ICIS 200-187989/8	9.99806	37.782483	10.0	112865.0	3.778982	Y
6	IC 200-187989/9	15.003557	58.685816	10.0	111925.0	3.91146	Y
7	IC 200-187989/12	19.99612	77.374501	10.0	112192.0	3.869476	Y
8	IC 200-187989/13	39.99224	138.284122	10.0	110713.0	3.457774	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

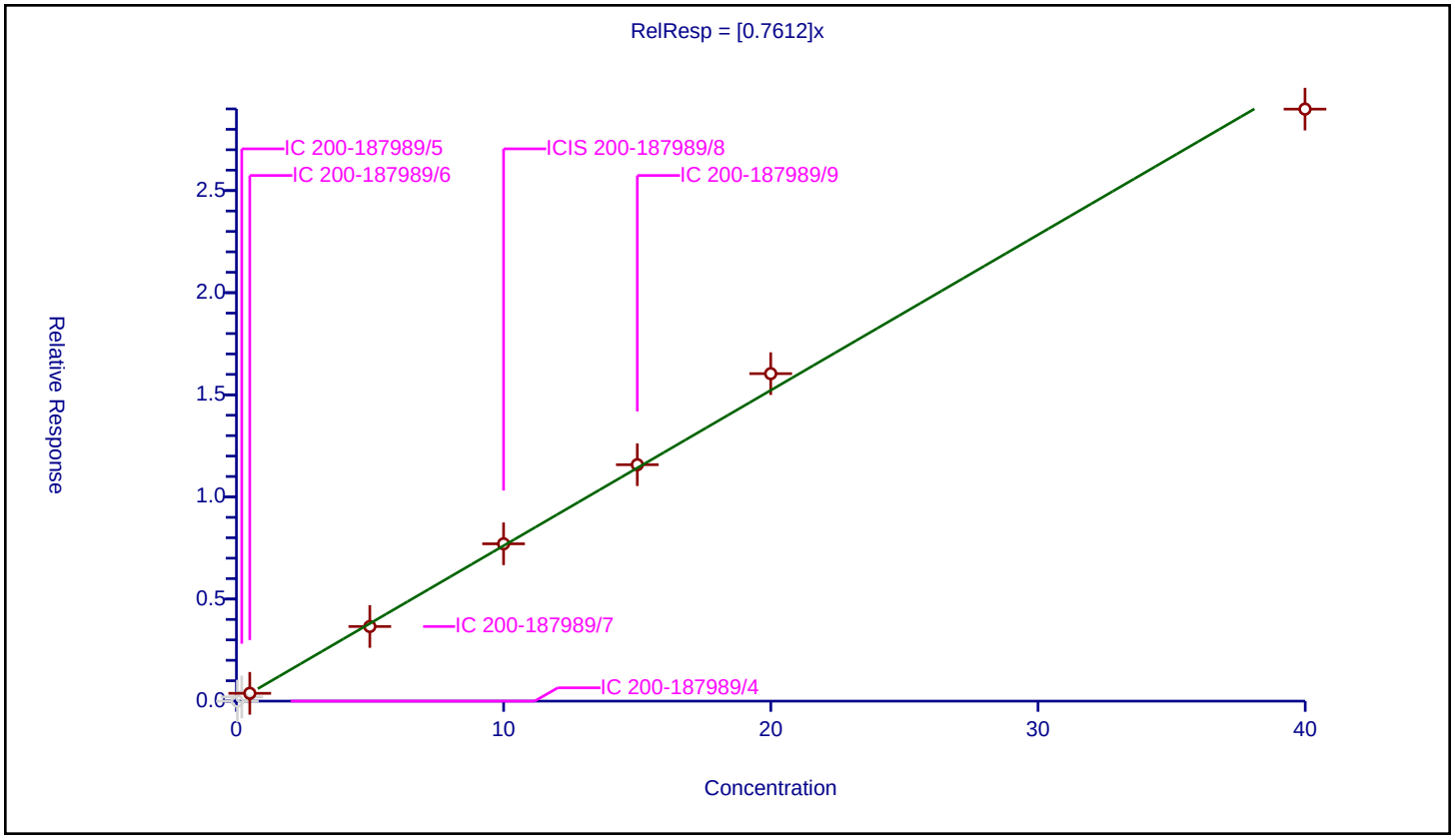
Curve Coefficients

Intercept:	0
Slope:	0.7612

Error Coefficients

Standard Error:	180000
Relative Standard Error:	3.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.204699	10.0	110748.0	1.02125	N
3	IC 200-187989/6	0.500453	0.383353	10.0	110264.0	0.766012	Y
4	IC 200-187989/7	4.992563	3.654384	10.0	113056.0	0.731965	Y
5	ICIS 200-187989/8	9.99806	7.703717	10.0	112865.0	0.770521	Y
6	IC 200-187989/9	15.003557	11.577842	10.0	111925.0	0.771673	Y
7	IC 200-187989/12	19.99612	16.036705	10.0	112192.0	0.801991	Y
8	IC 200-187989/13	39.99224	28.990001	10.0	110713.0	0.724891	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

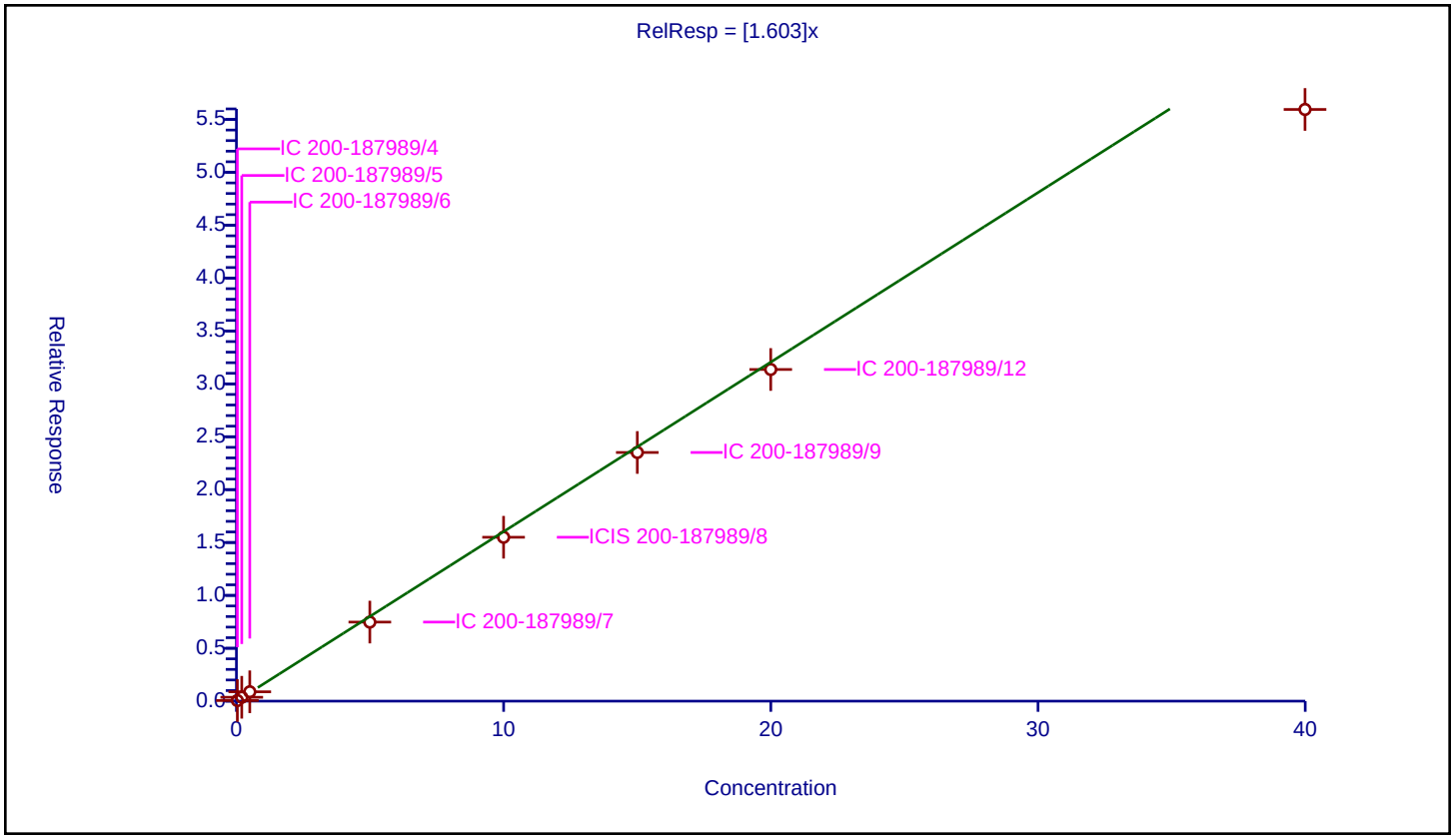
Curve Coefficients

Intercept:	0
Slope:	1.603

Error Coefficients

Standard Error:	296000
Relative Standard Error:	8.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.057852	10.0	110973.0	1.649286	Y
2	IC 200-187989/5	0.20044	0.365876	10.0	110748.0	1.825366	Y
3	IC 200-187989/6	0.500453	0.884332	10.0	110264.0	1.767065	Y
4	IC 200-187989/7	4.992563	7.474791	10.0	113056.0	1.497185	Y
5	ICIS 200-187989/8	9.99806	15.496921	10.0	112865.0	1.549993	Y
6	IC 200-187989/9	15.003557	23.513156	10.0	111925.0	1.567172	Y
7	IC 200-187989/12	19.99612	31.360881	10.0	112192.0	1.568348	Y
8	IC 200-187989/13	39.99224	55.94763	10.0	110713.0	1.398962	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

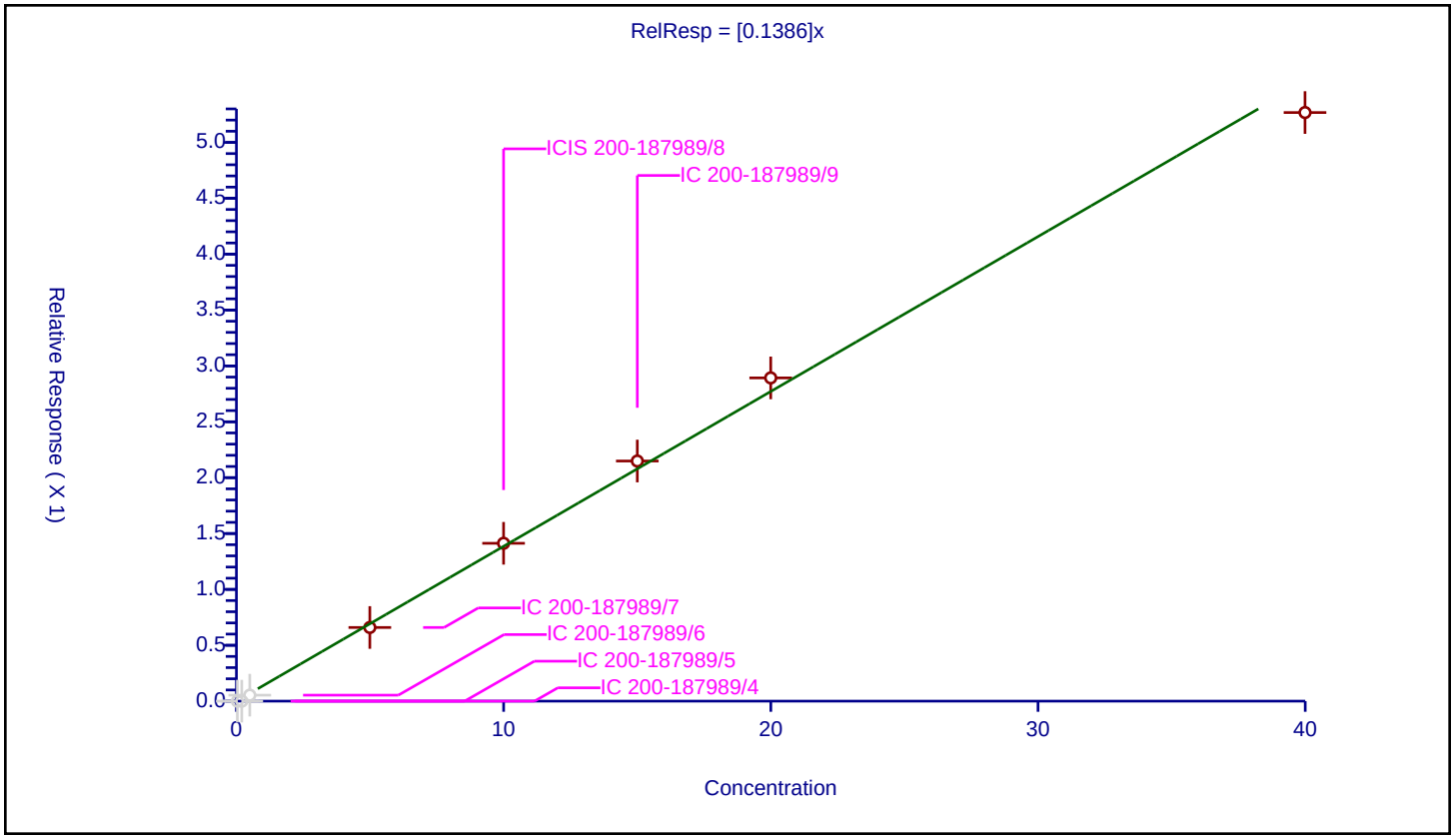
Curve Coefficients

Intercept:	0
Slope:	0.1386

Error Coefficients

Standard Error:	36500
Relative Standard Error:	4.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	110973.0	0.0	N
2	IC 200-187989/5	0.20044	0.0	10.0	110748.0	0.0	N
3	IC 200-187989/6	0.500453	0.053599	10.0	110264.0	0.1071	N
4	IC 200-187989/7	4.992563	0.659142	10.0	113056.0	0.132025	Y
5	ICIS 200-187989/8	9.99806	1.412484	10.0	112865.0	0.141276	Y
6	IC 200-187989/9	15.003557	2.14876	10.0	111925.0	0.143217	Y
7	IC 200-187989/12	19.99612	2.892809	10.0	112192.0	0.144669	Y
8	IC 200-187989/13	39.99224	5.267403	10.0	110713.0	0.131711	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

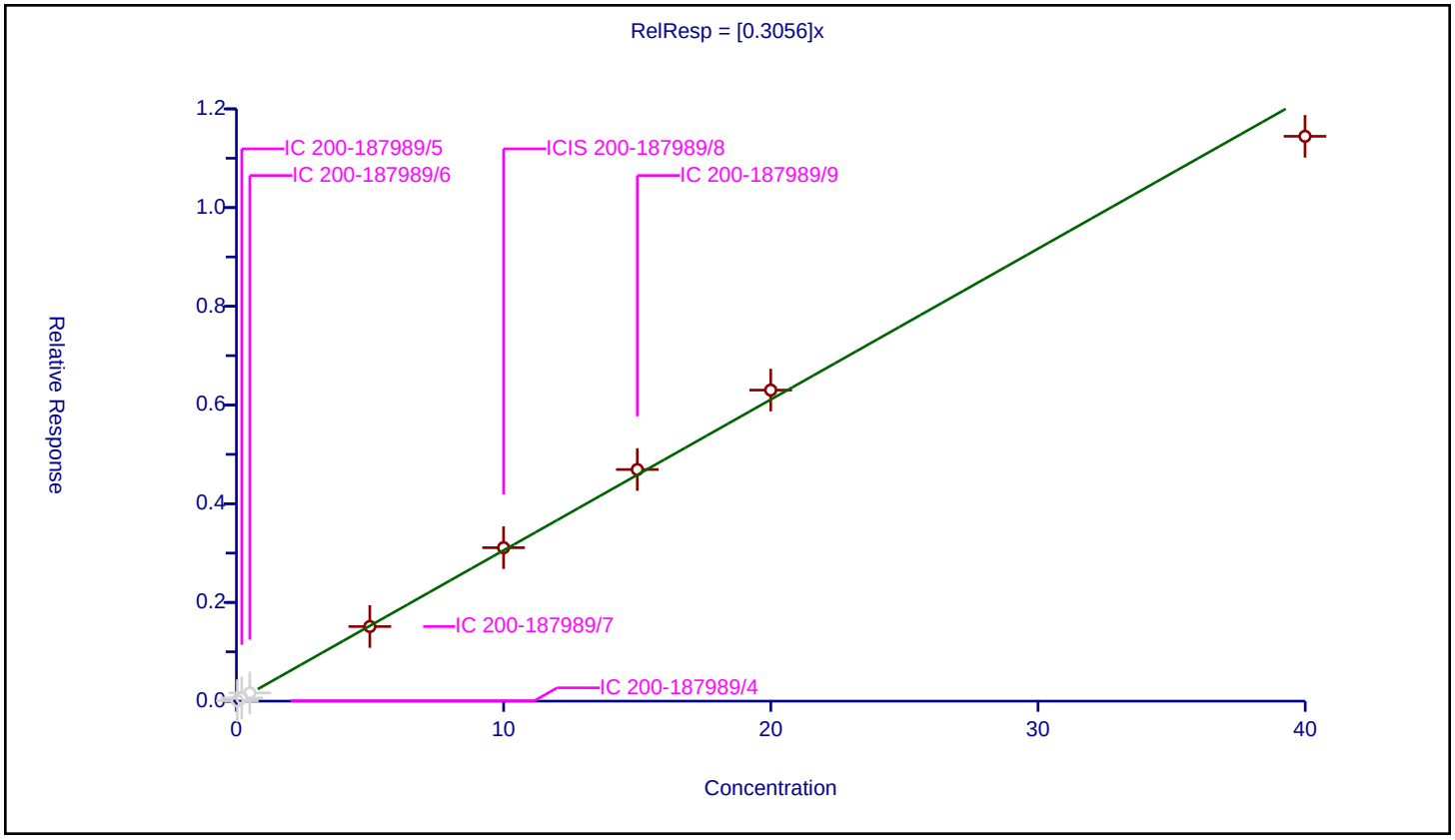
Curve Coefficients

Intercept:	0
Slope:	0.3056

Error Coefficients

Standard Error:	417000
Relative Standard Error:	3.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.008666	10.0	594254.0	0.247066	N
2	IC 200-187989/5	0.20044	0.0639	10.0	593431.0	0.318797	N
3	IC 200-187989/6	0.500453	0.166175	10.0	584023.0	0.332049	N
4	IC 200-187989/7	4.992563	1.511638	10.0	594924.0	0.302778	Y
5	ICIS 200-187989/8	9.99806	3.109107	10.0	591871.0	0.310971	Y
6	IC 200-187989/9	15.003557	4.692921	10.0	585533.0	0.312787	Y
7	IC 200-187989/12	19.99612	6.302381	10.0	589528.0	0.31518	Y
8	IC 200-187989/13	39.99224	11.444493	10.0	580266.0	0.286168	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

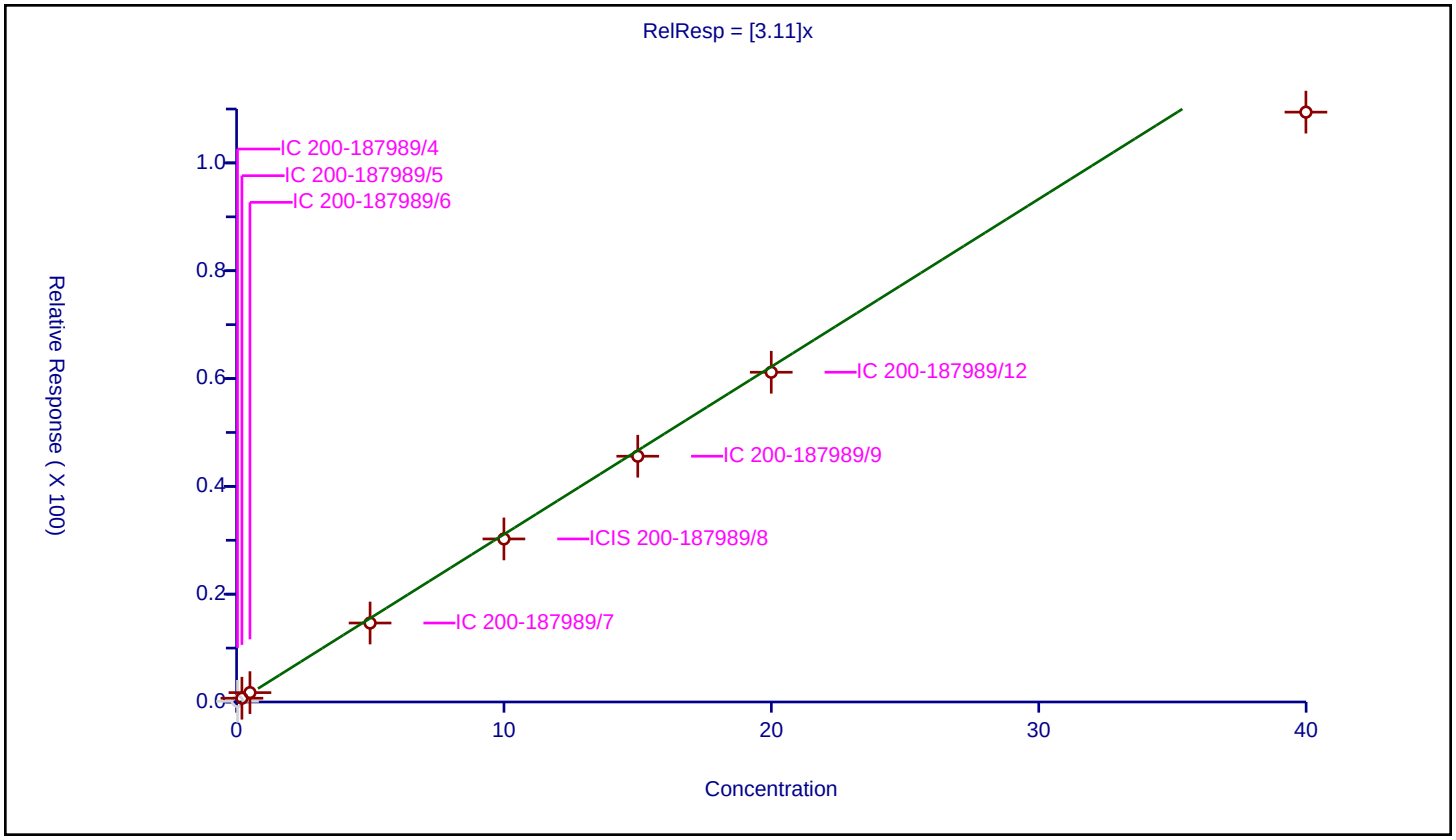
Curve Coefficients

Intercept:	0
Slope:	3.11

Error Coefficients

Standard Error:	625000
Relative Standard Error:	9.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.127869	10.0	110973.0	3.645385	N
2	IC 200-187989/5	0.20044	0.701322	10.0	110748.0	3.498918	Y
3	IC 200-187989/6	0.500453	1.739643	10.0	110264.0	3.47614	Y
4	IC 200-187989/7	4.992563	14.650704	10.0	113056.0	2.934506	Y
5	ICIS 200-187989/8	9.99806	30.246401	10.0	112865.0	3.025227	Y
6	IC 200-187989/9	15.003557	45.592674	10.0	111925.0	3.038791	Y
7	IC 200-187989/12	19.99612	61.169246	10.0	112192.0	3.059056	Y
8	IC 200-187989/13	39.99224	109.421206	10.0	110713.0	2.736061	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

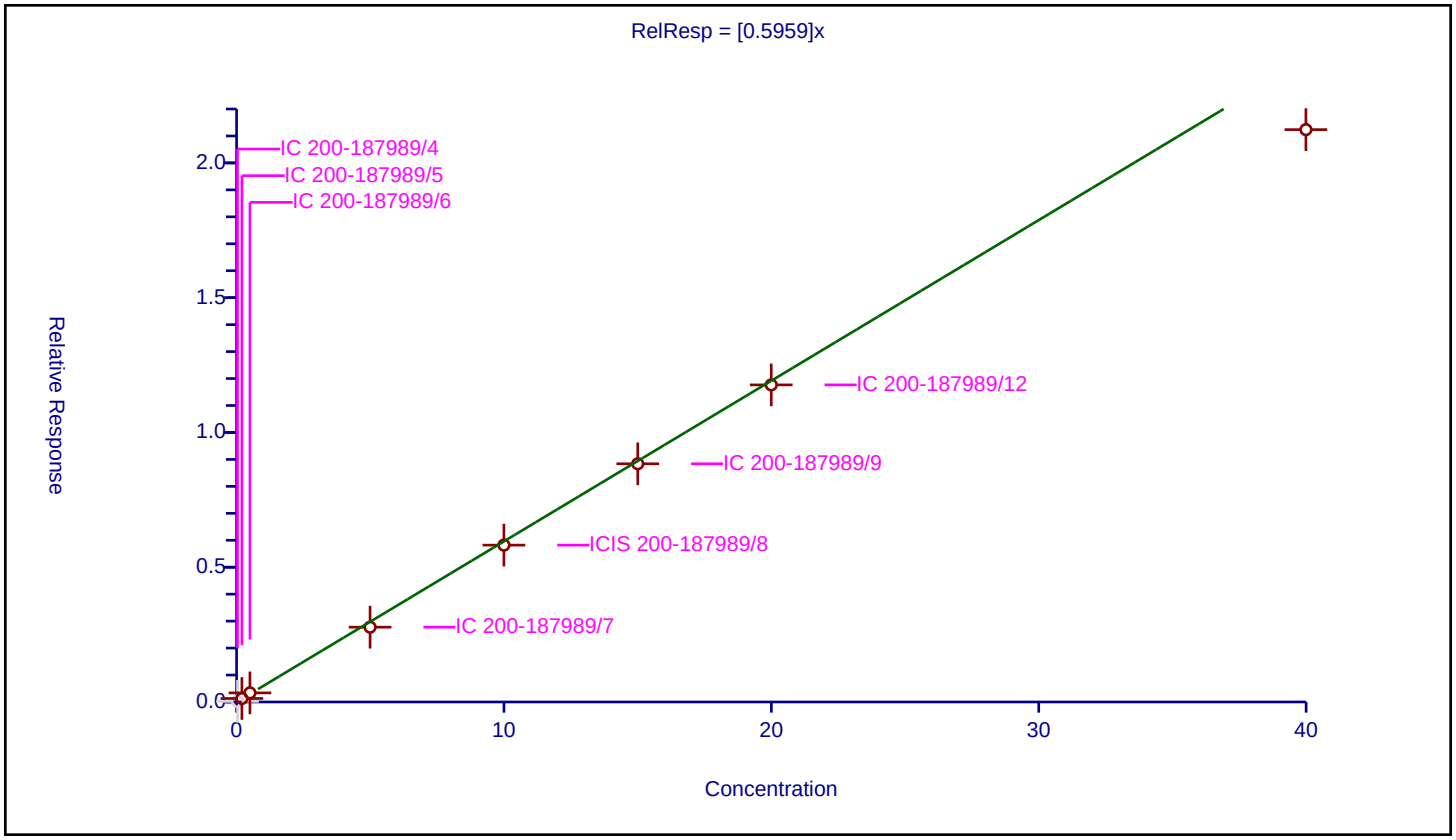
Curve Coefficients

Intercept:	0
Slope:	0.5959

Error Coefficients

Standard Error:	634000
Relative Standard Error:	8.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.02329	10.0	594254.0	0.663961	N
2	IC 200-187989/5	0.20044	0.130293	10.0	593431.0	0.650037	Y
3	IC 200-187989/6	0.500453	0.337881	10.0	584023.0	0.67515	Y
4	IC 200-187989/7	4.992563	2.775766	10.0	594924.0	0.55598	Y
5	ICIS 200-187989/8	9.99806	5.819663	10.0	591871.0	0.582079	Y
6	IC 200-187989/9	15.003557	8.837487	10.0	585533.0	0.589026	Y
7	IC 200-187989/12	19.99612	11.764785	10.0	589528.0	0.588353	Y
8	IC 200-187989/13	39.99224	21.235692	10.0	580266.0	0.530995	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

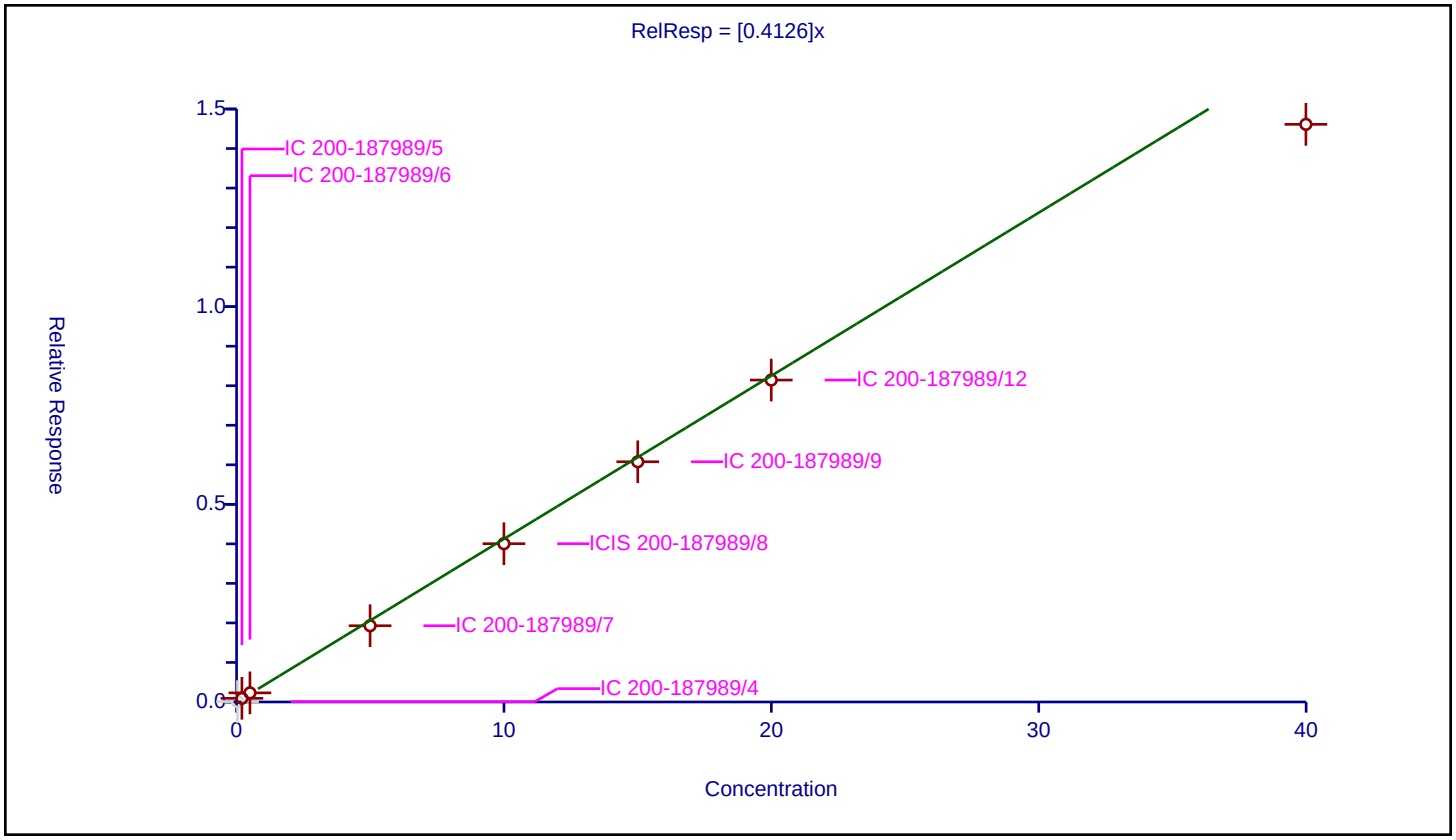
Curve Coefficients

Intercept:	0
Slope:	0.4126

Error Coefficients

Standard Error:	437000
Relative Standard Error:	8.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.009878	10.0	594254.0	0.281608	N
2	IC 200-187989/5	0.20044	0.092985	10.0	593431.0	0.463904	Y
3	IC 200-187989/6	0.500453	0.230111	10.0	584023.0	0.459805	Y
4	IC 200-187989/7	4.992563	1.9287	10.0	594924.0	0.386315	Y
5	ICIS 200-187989/8	9.99806	4.00393	10.0	591871.0	0.400471	Y
6	IC 200-187989/9	15.003557	6.076737	10.0	585533.0	0.40502	Y
7	IC 200-187989/12	19.99612	8.14343	10.0	589528.0	0.407251	Y
8	IC 200-187989/13	39.99224	14.611937	10.0	580266.0	0.365369	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

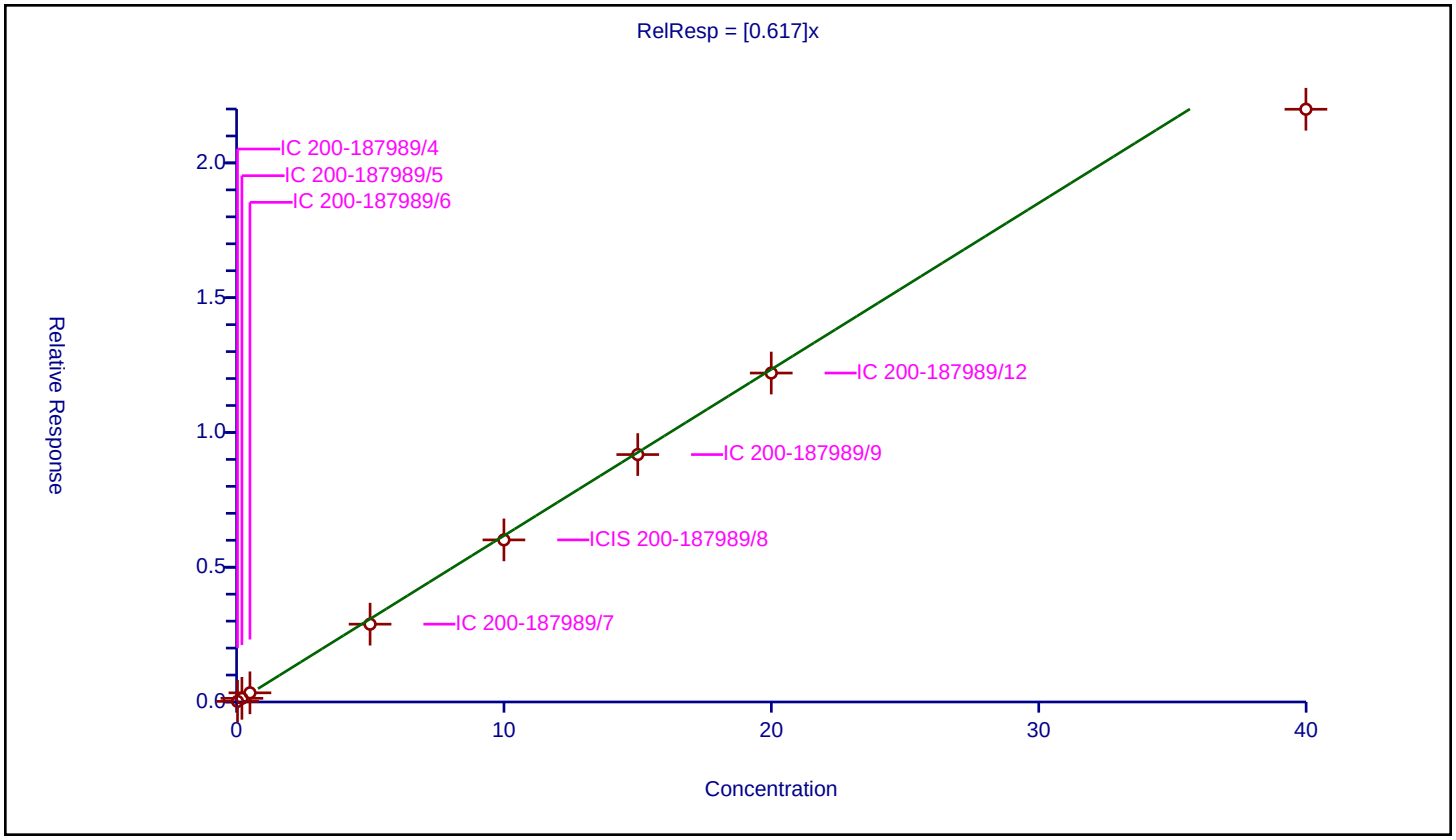
Curve Coefficients

Intercept:	0
Slope:	0.617

Error Coefficients

Standard Error:	608000
Relative Standard Error:	7.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.021893	10.0	594254.0	0.624142	Y
2	IC 200-187989/5	0.20044	0.136376	10.0	593431.0	0.680386	Y
3	IC 200-187989/6	0.500453	0.340141	10.0	584023.0	0.679666	Y
4	IC 200-187989/7	4.992563	2.887377	10.0	594924.0	0.578336	Y
5	ICIS 200-187989/8	9.99806	6.01354	10.0	591871.0	0.601471	Y
6	IC 200-187989/9	15.003557	9.180132	10.0	585533.0	0.611864	Y
7	IC 200-187989/12	19.99612	12.204747	10.0	589528.0	0.610356	Y
8	IC 200-187989/13	39.99224	21.991552	10.0	580266.0	0.549895	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

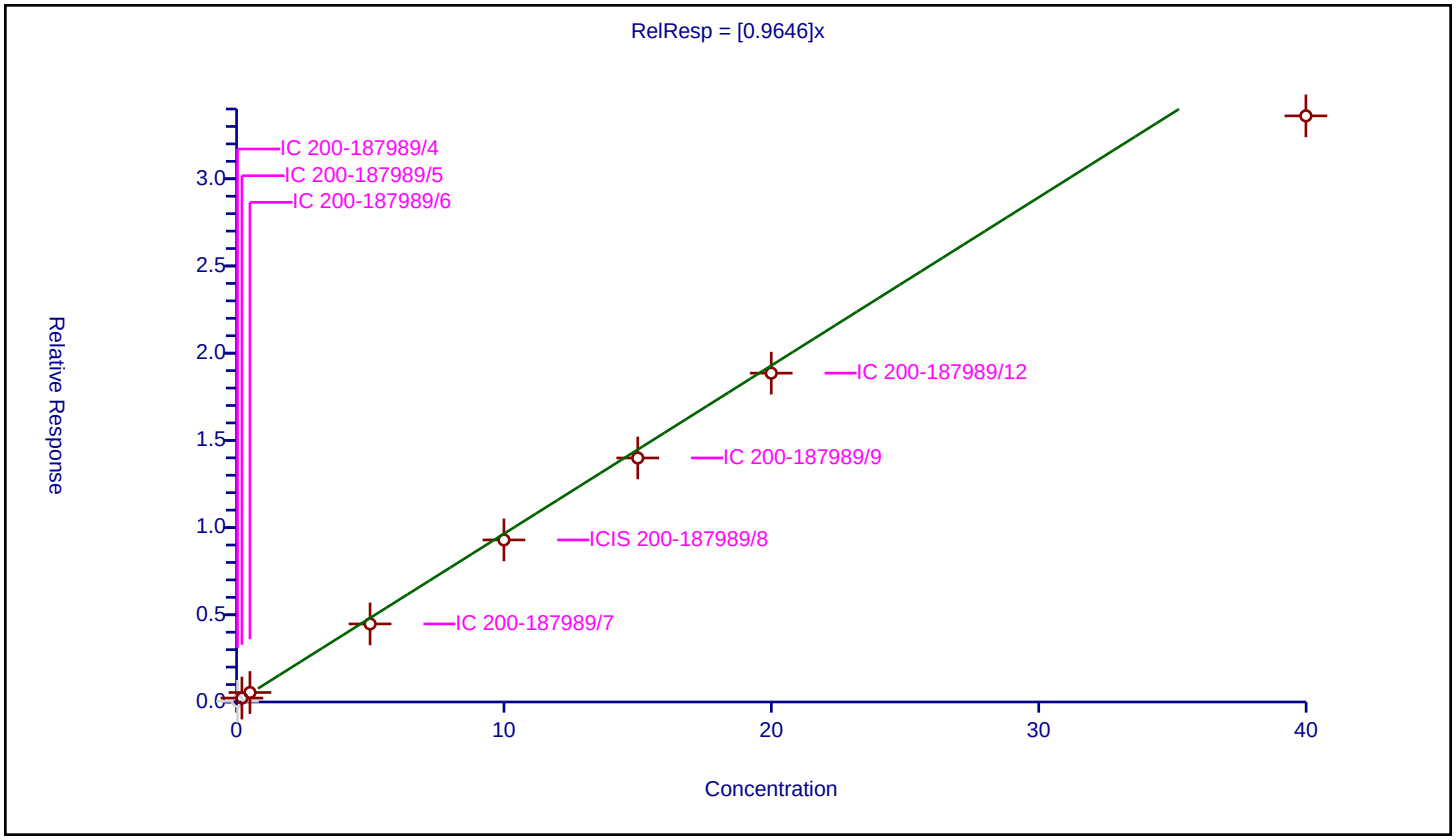
Curve Coefficients

Intercept:	0
Slope:	0.9646

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	10.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.043635	10.0	594254.0	1.243966	N
2	IC 200-187989/5	0.20044	0.225603	10.0	593431.0	1.125542	Y
3	IC 200-187989/6	0.500453	0.542924	10.0	584023.0	1.084866	Y
4	IC 200-187989/7	4.992563	4.475765	10.0	594924.0	0.896486	Y
5	ICIS 200-187989/8	9.99806	9.292667	10.0	591871.0	0.929447	Y
6	IC 200-187989/9	15.003557	13.991679	10.0	585533.0	0.932557	Y
7	IC 200-187989/12	19.99612	18.854609	10.0	589528.0	0.942913	Y
8	IC 200-187989/13	39.99224	33.606449	10.0	580266.0	0.840324	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

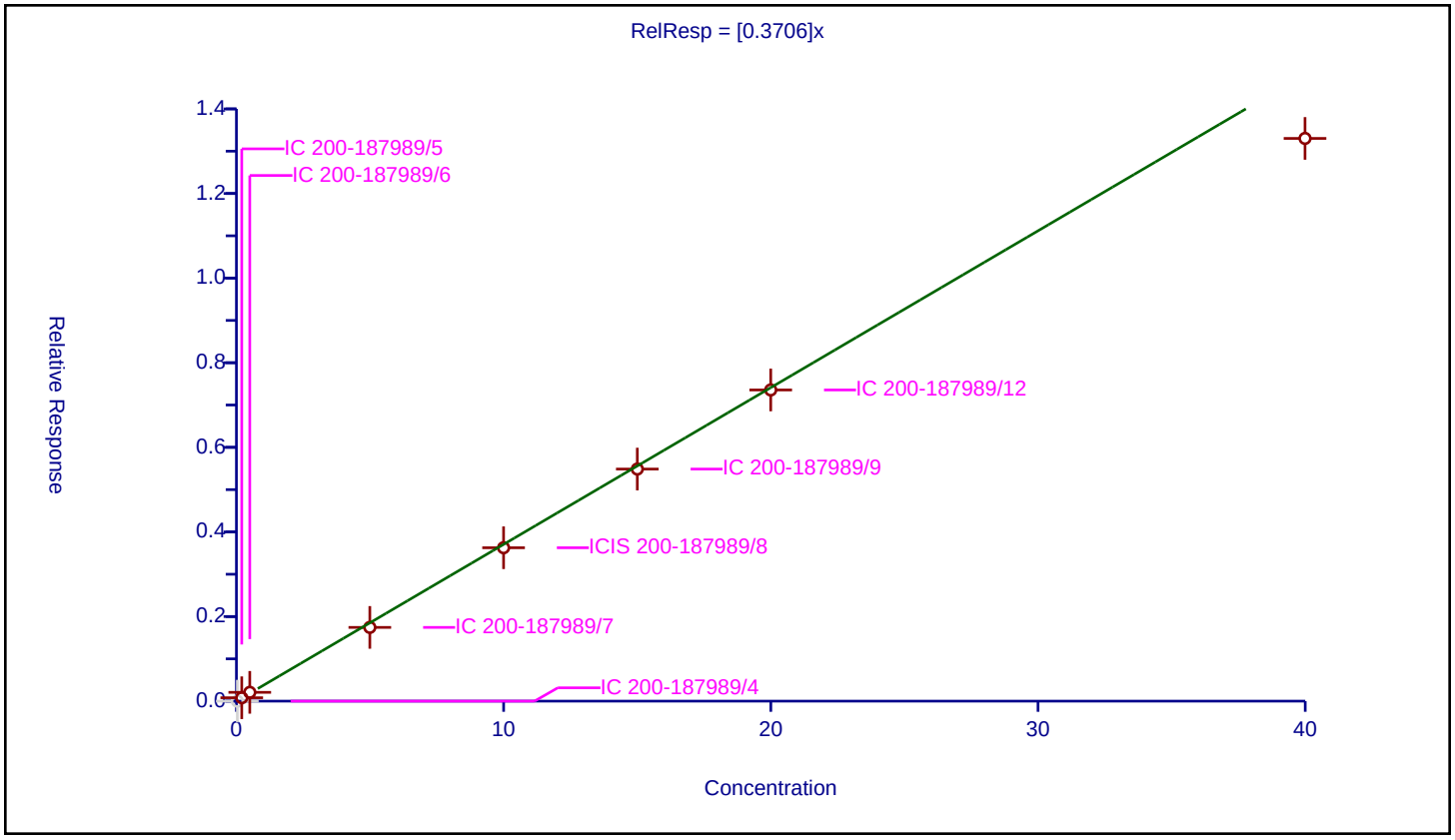
Curve Coefficients

Intercept:	0
Slope:	0.3706

Error Coefficients

Standard Error:	397000
Relative Standard Error:	7.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	594254.0	0.0	N
2	IC 200-187989/5	0.20044	0.080279	10.0	593431.0	0.400514	Y
3	IC 200-187989/6	0.500453	0.20804	10.0	584023.0	0.415703	Y
4	IC 200-187989/7	4.992563	1.743214	10.0	594924.0	0.349162	Y
5	ICIS 200-187989/8	9.99806	3.625993	10.0	591871.0	0.36267	Y
6	IC 200-187989/9	15.003557	5.485976	10.0	585533.0	0.365645	Y
7	IC 200-187989/12	19.99612	7.355596	10.0	589528.0	0.367851	Y
8	IC 200-187989/13	39.99224	13.301813	10.0	580266.0	0.33261	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

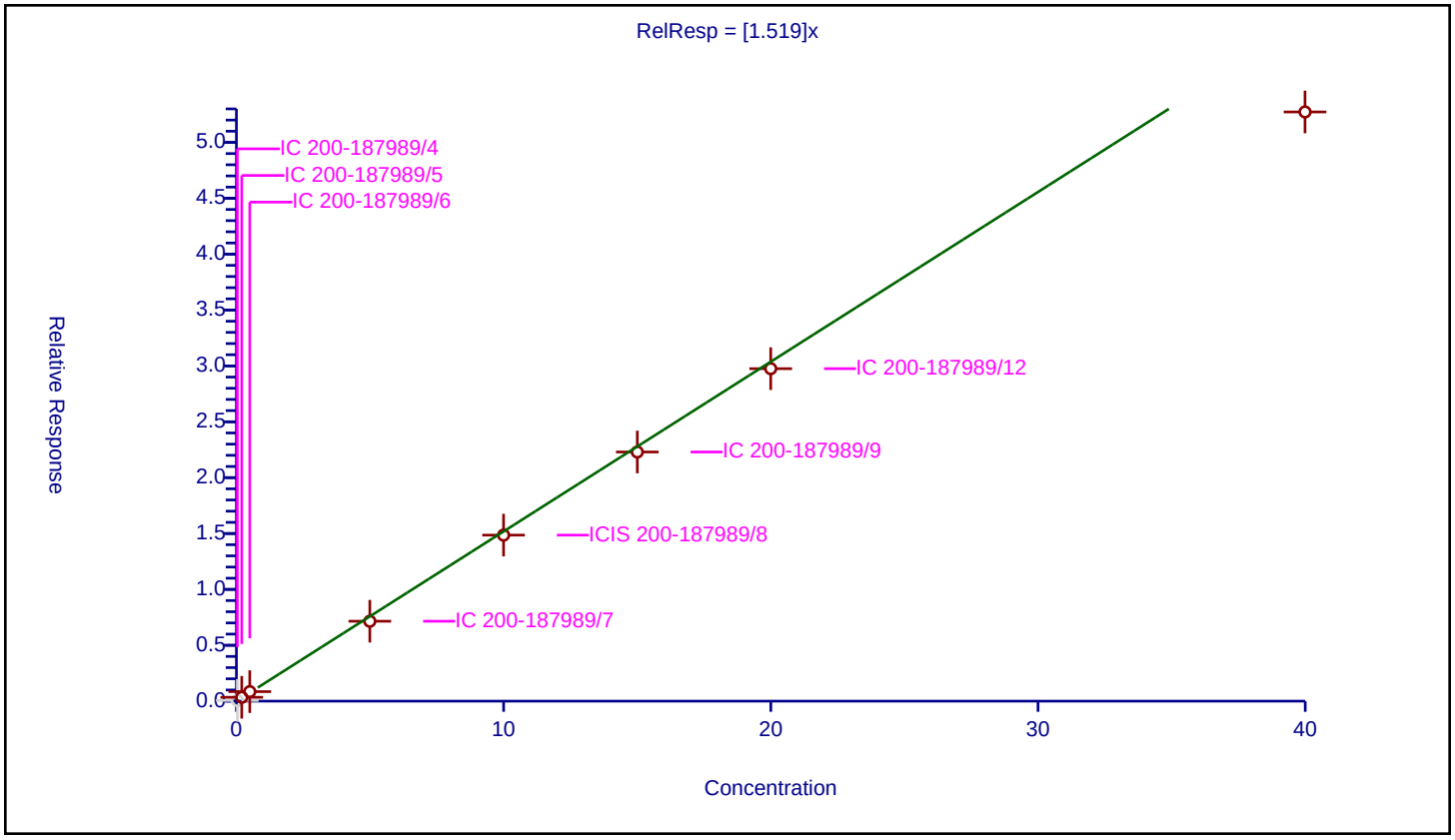
Curve Coefficients

Intercept:	0
Slope:	1.519

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	9.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.062347	10.0	594254.0	1.777438	N
2	IC 200-187989/5	0.20044	0.34464	10.0	593431.0	1.71942	Y
3	IC 200-187989/6	0.500453	0.851353	10.0	584023.0	1.701167	Y
4	IC 200-187989/7	4.992563	7.15056	10.0	594924.0	1.432242	Y
5	ICIS 200-187989/8	9.99806	14.857967	10.0	591871.0	1.486085	Y
6	IC 200-187989/9	15.003557	22.29683	10.0	585533.0	1.486103	Y
7	IC 200-187989/12	19.99612	29.754889	10.0	589528.0	1.488033	Y
8	IC 200-187989/13	39.99224	52.725802	10.0	580266.0	1.318401	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

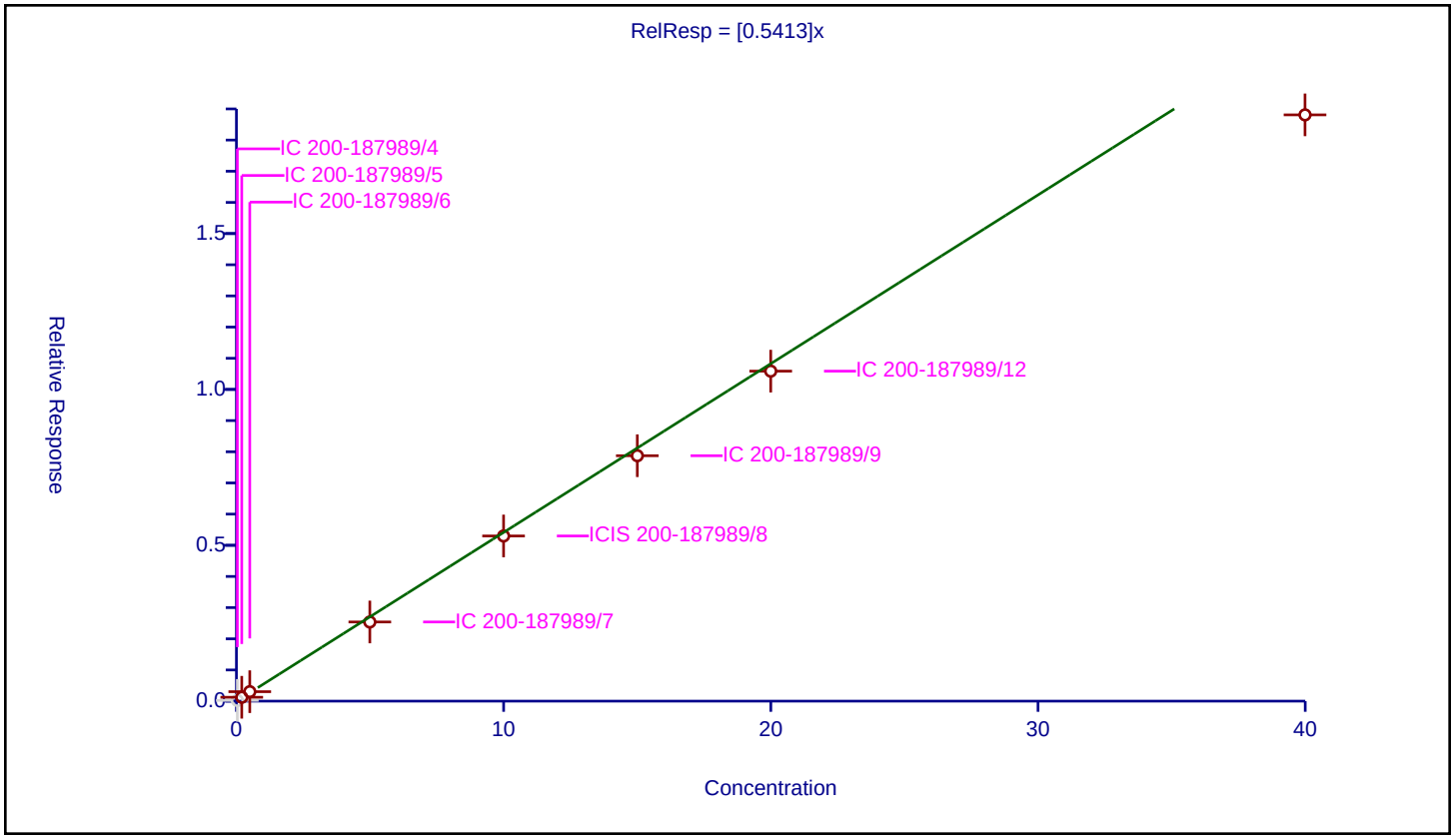
Curve Coefficients

Intercept:	0
Slope:	0.5413

Error Coefficients

Standard Error:	565000
Relative Standard Error:	9.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.023879	10.0	594254.0	0.680751	N
2	IC 200-187989/5	0.20044	0.123974	10.0	593431.0	0.61851	Y
3	IC 200-187989/6	0.500453	0.304046	10.0	584023.0	0.607543	Y
4	IC 200-187989/7	4.992563	2.539703	10.0	594924.0	0.508697	Y
5	ICIS 200-187989/8	9.99806	5.298705	10.0	591871.0	0.529973	Y
6	IC 200-187989/9	15.003557	7.873425	10.0	585533.0	0.524771	Y
7	IC 200-187989/12	19.99612	10.587046	10.0	589528.0	0.529455	Y
8	IC 200-187989/13	39.99224	18.808495	10.0	580266.0	0.470304	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

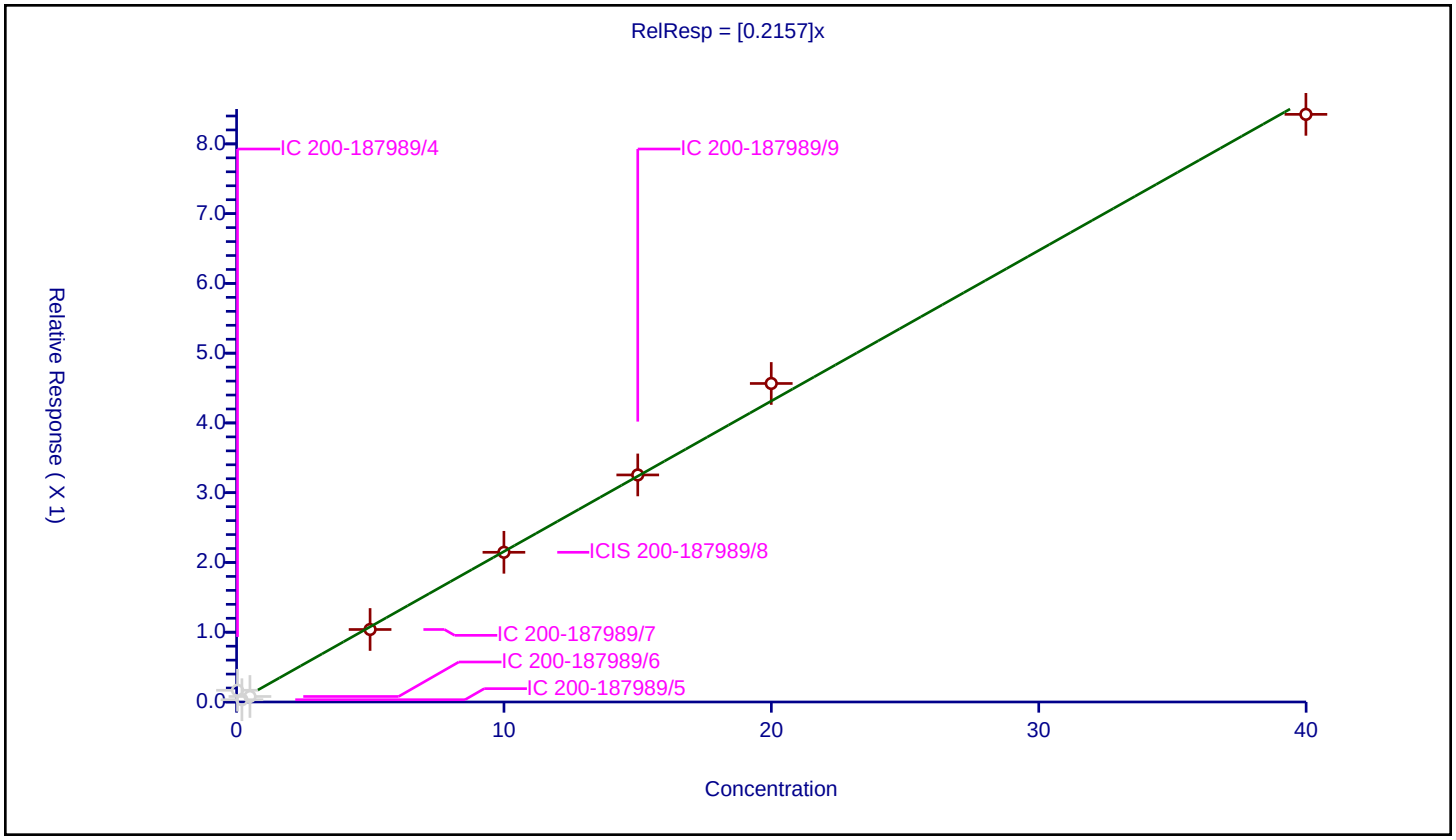
Curve Coefficients

Intercept:	0
Slope:	0.2157

Error Coefficients

Standard Error:	303000
Relative Standard Error:	3.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.167858	10.0	594254.0	4.785409	N
2	IC 200-187989/5	0.20044	0.03286	10.0	593431.0	0.163938	N
3	IC 200-187989/6	0.500453	0.078781	10.0	584023.0	0.15742	N
4	IC 200-187989/7	4.992563	1.039259	10.0	594924.0	0.208161	Y
5	ICIS 200-187989/8	9.99806	2.145721	10.0	591871.0	0.214614	Y
6	IC 200-187989/9	15.003557	3.254744	10.0	585533.0	0.216931	Y
7	IC 200-187989/12	19.99612	4.565788	10.0	589528.0	0.228334	Y
8	IC 200-187989/13	39.99224	8.423706	10.0	580266.0	0.210634	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

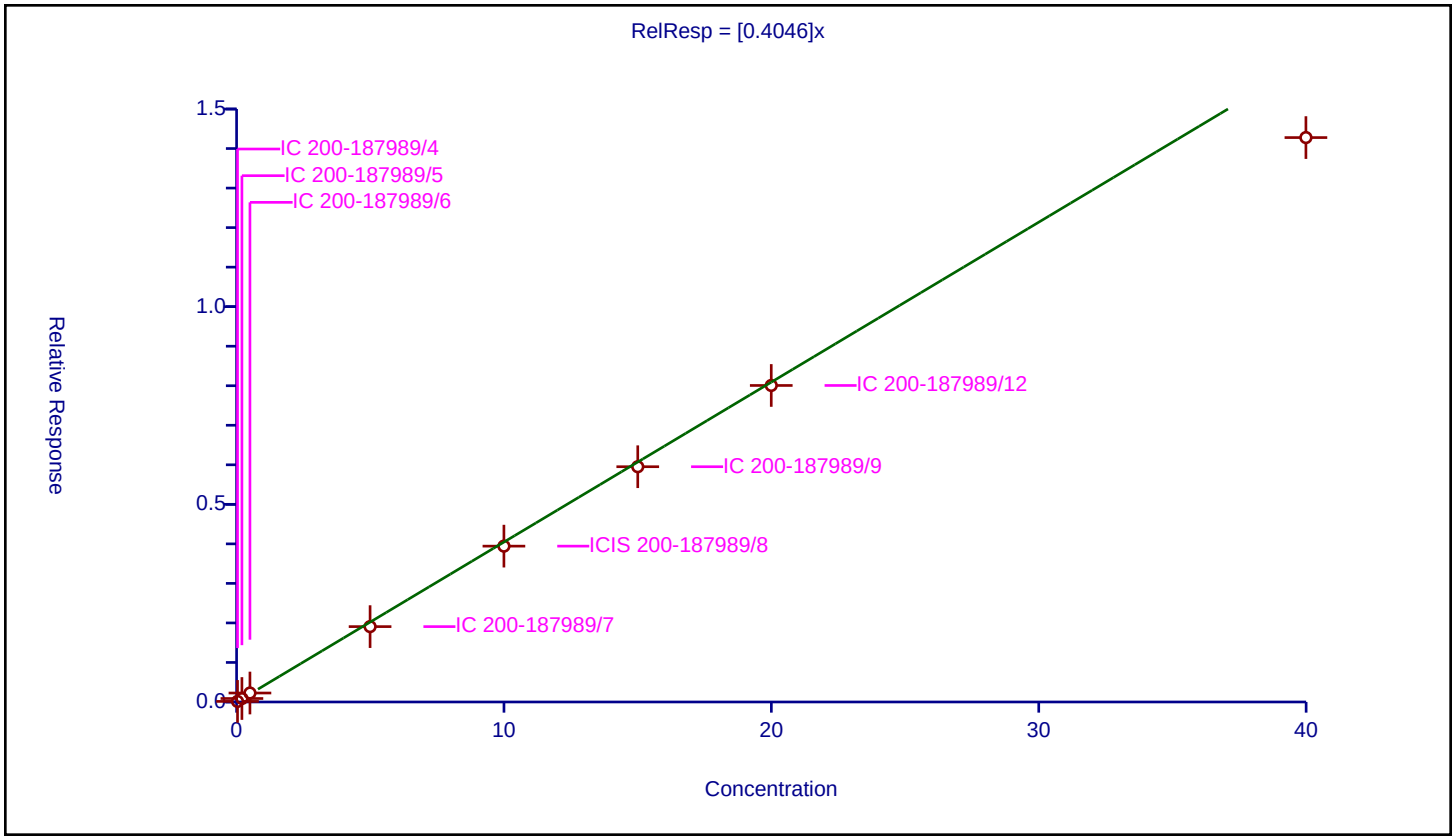
Curve Coefficients

Intercept:	0
Slope:	0.4046

Error Coefficients

Standard Error:	396000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.014472	10.0	594254.0	0.412577	Y
2	IC 200-187989/5	0.20044	0.088199	10.0	593431.0	0.440027	Y
3	IC 200-187989/6	0.500453	0.22696	10.0	584023.0	0.45351	Y
4	IC 200-187989/7	4.992563	1.906983	10.0	594924.0	0.381965	Y
5	ICIS 200-187989/8	9.99806	3.942599	10.0	591871.0	0.394336	Y
6	IC 200-187989/9	15.003557	5.951654	10.0	585533.0	0.396683	Y
7	IC 200-187989/12	19.99612	8.006439	10.0	589528.0	0.4004	Y
8	IC 200-187989/13	39.99224	14.277797	10.0	580266.0	0.357014	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

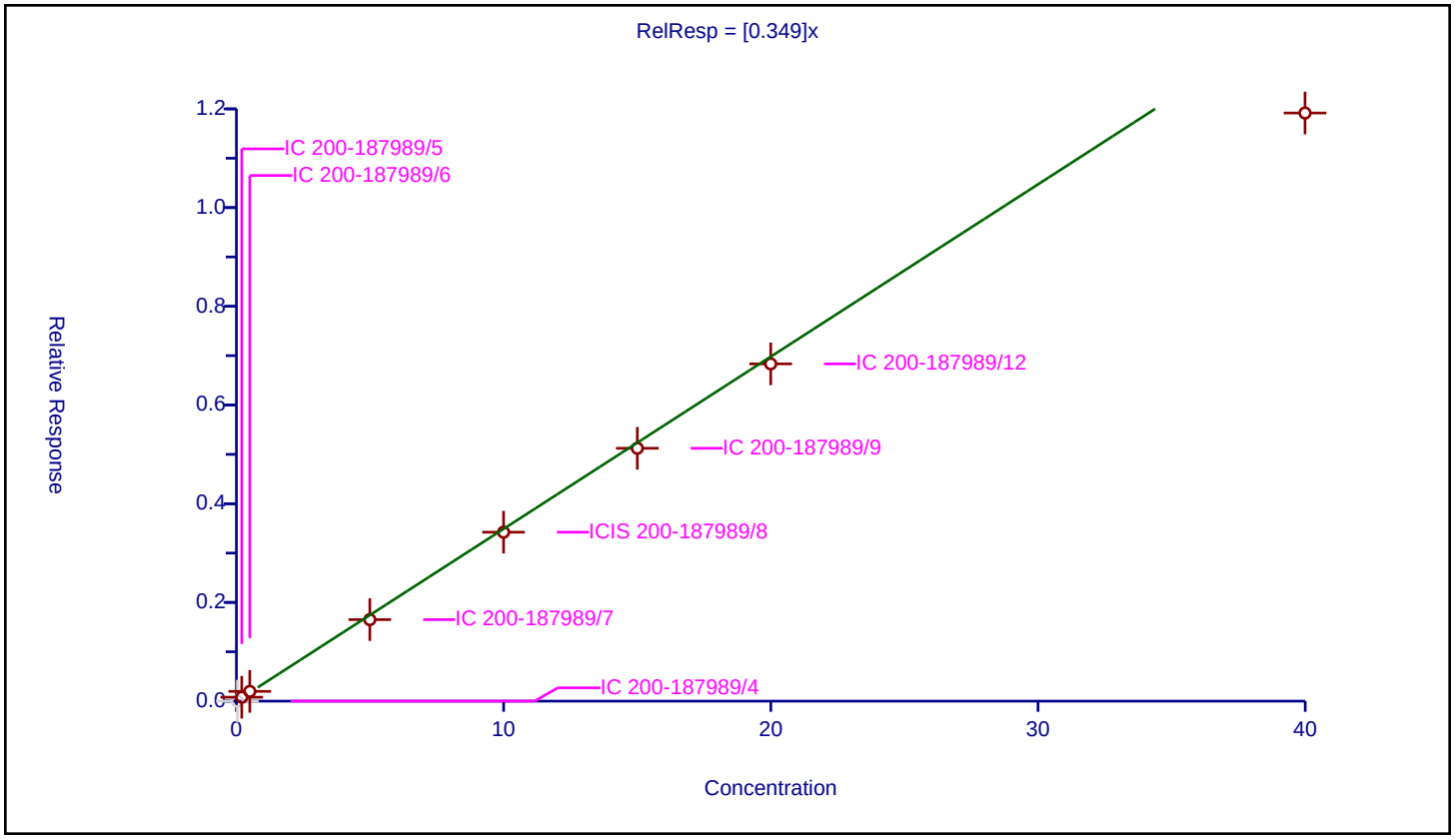
Curve Coefficients

Intercept:	0
Slope:	0.349

Error Coefficients

Standard Error:	361000
Relative Standard Error:	9.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	594254.0	0.0	N
2	IC 200-187989/5	0.20044	0.07883	10.0	593431.0	0.393284	Y
3	IC 200-187989/6	0.500453	0.197886	10.0	584023.0	0.395414	Y
4	IC 200-187989/7	4.992563	1.651724	10.0	594924.0	0.330837	Y
5	ICIS 200-187989/8	9.99806	3.423145	10.0	591871.0	0.342381	Y
6	IC 200-187989/9	15.003557	5.123947	10.0	585533.0	0.341515	Y
7	IC 200-187989/12	19.99612	6.83406	10.0	589528.0	0.341769	Y
8	IC 200-187989/13	39.99224	11.916604	10.0	580266.0	0.297973	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

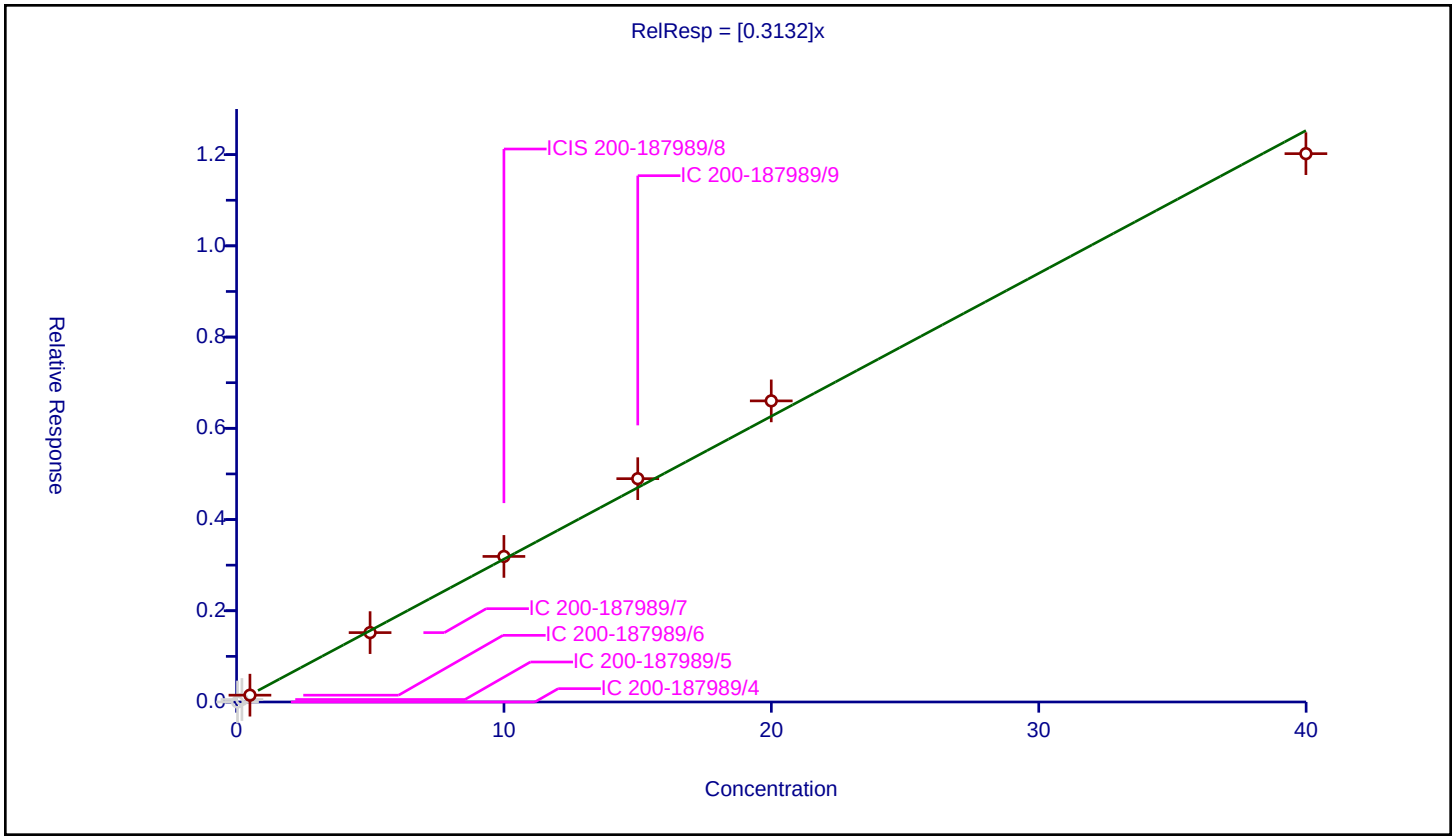
Curve Coefficients

Intercept:	0
Slope:	0.3132

Error Coefficients

Standard Error:	391000
Relative Standard Error:	4.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	594254.0	0.0	N
2	IC 200-187989/5	0.20044	0.054733	10.0	593431.0	0.273063	N
3	IC 200-187989/6	0.500453	0.149463	10.0	584023.0	0.298656	Y
4	IC 200-187989/7	4.992563	1.520631	10.0	594924.0	0.304579	Y
5	ICIS 200-187989/8	9.99806	3.191456	10.0	591871.0	0.319207	Y
6	IC 200-187989/9	15.003557	4.895898	10.0	585533.0	0.326316	Y
7	IC 200-187989/12	19.99612	6.601179	10.0	589528.0	0.330123	Y
8	IC 200-187989/13	39.99224	12.021607	10.0	580266.0	0.300599	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

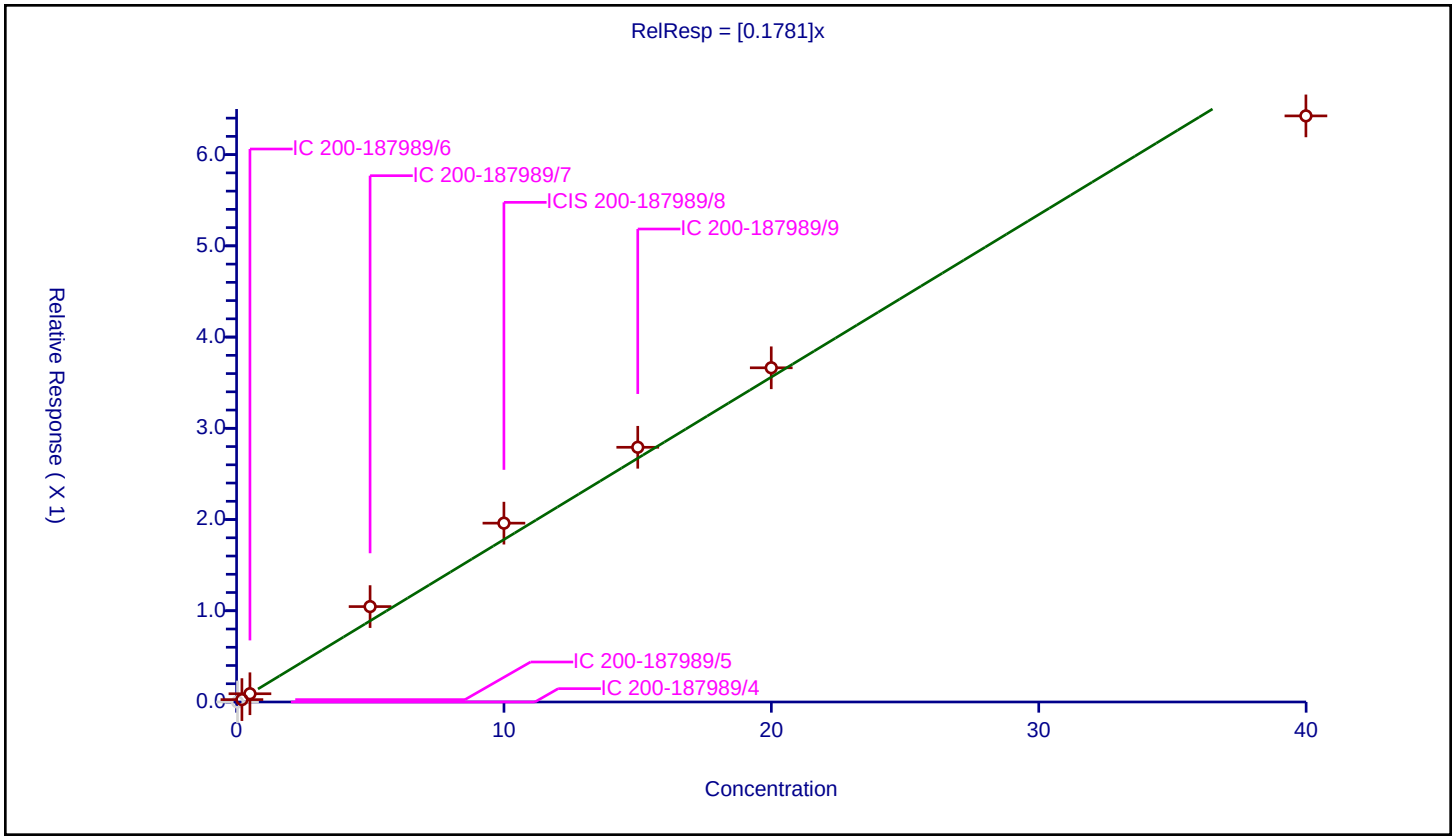
Curve Coefficients

Intercept:	0
Slope:	0.1781

Error Coefficients

Standard Error:	196000
Relative Standard Error:	14.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	594254.0	0.0	N
2	IC 200-187989/5	0.20044	0.026102	10.0	593431.0	0.130226	Y
3	IC 200-187989/6	0.500453	0.090527	10.0	584023.0	0.180891	Y
4	IC 200-187989/7	4.992563	1.04568	10.0	594924.0	0.209447	Y
5	ICIS 200-187989/8	9.99806	1.960427	10.0	591871.0	0.196081	Y
6	IC 200-187989/9	15.003557	2.792003	10.0	585533.0	0.186089	Y
7	IC 200-187989/12	19.99612	3.663354	10.0	589528.0	0.183203	Y
8	IC 200-187989/13	39.99224	6.424691	10.0	580266.0	0.160648	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

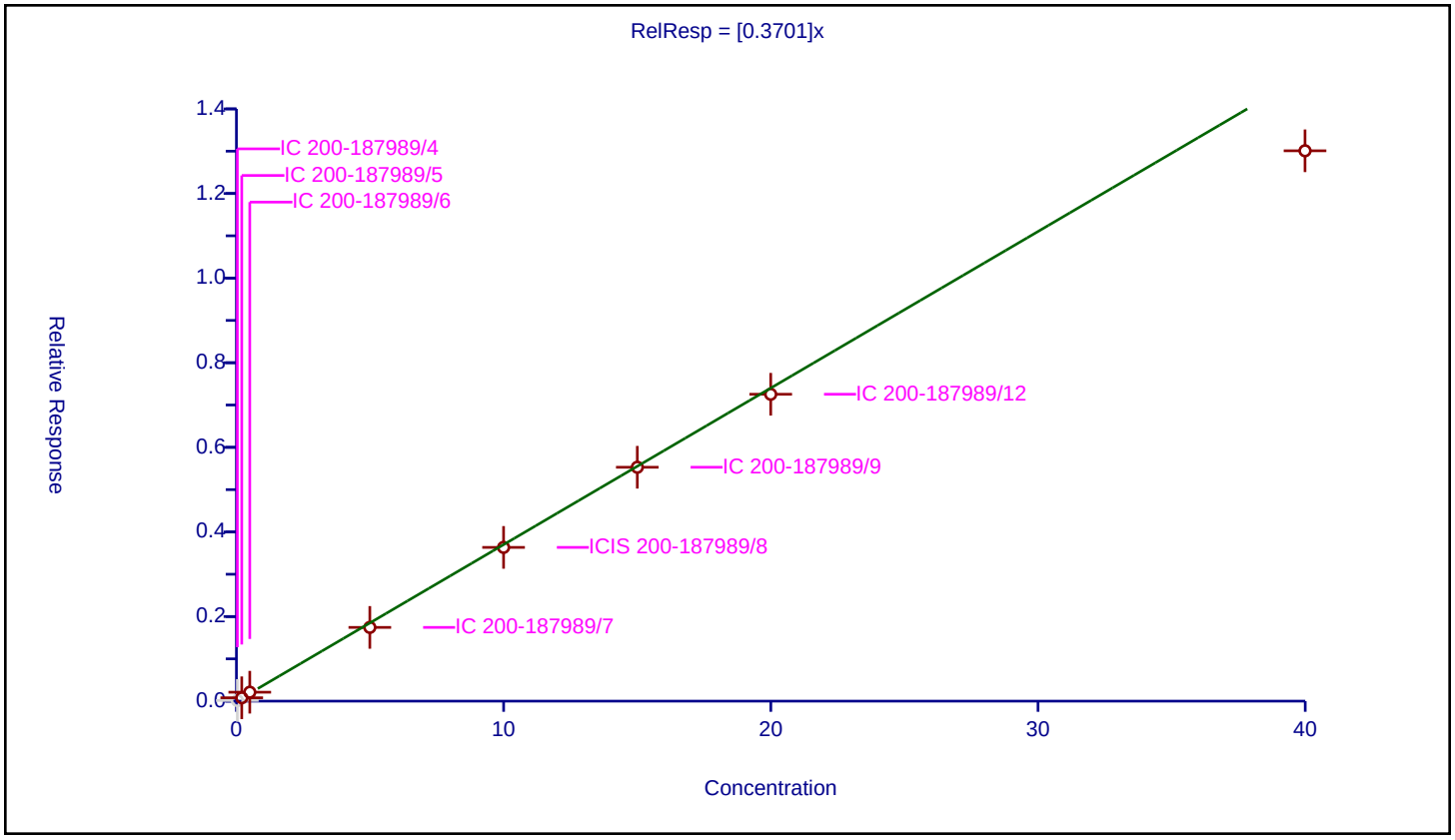
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Standard Error:	390000
Relative Standard Error:	8.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.015633	10.0	594254.0	0.445679	N
2	IC 200-187989/5	0.20044	0.079942	10.0	593431.0	0.398833	Y
3	IC 200-187989/6	0.500453	0.211413	10.0	584023.0	0.422443	Y
4	IC 200-187989/7	4.992563	1.743013	10.0	594924.0	0.349122	Y
5	ICIS 200-187989/8	9.99806	3.634204	10.0	591871.0	0.363491	Y
6	IC 200-187989/9	15.003557	5.528553	10.0	585533.0	0.368483	Y
7	IC 200-187989/12	19.99612	7.254193	10.0	589528.0	0.36278	Y
8	IC 200-187989/13	39.99224	13.009568	10.0	580266.0	0.325302	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

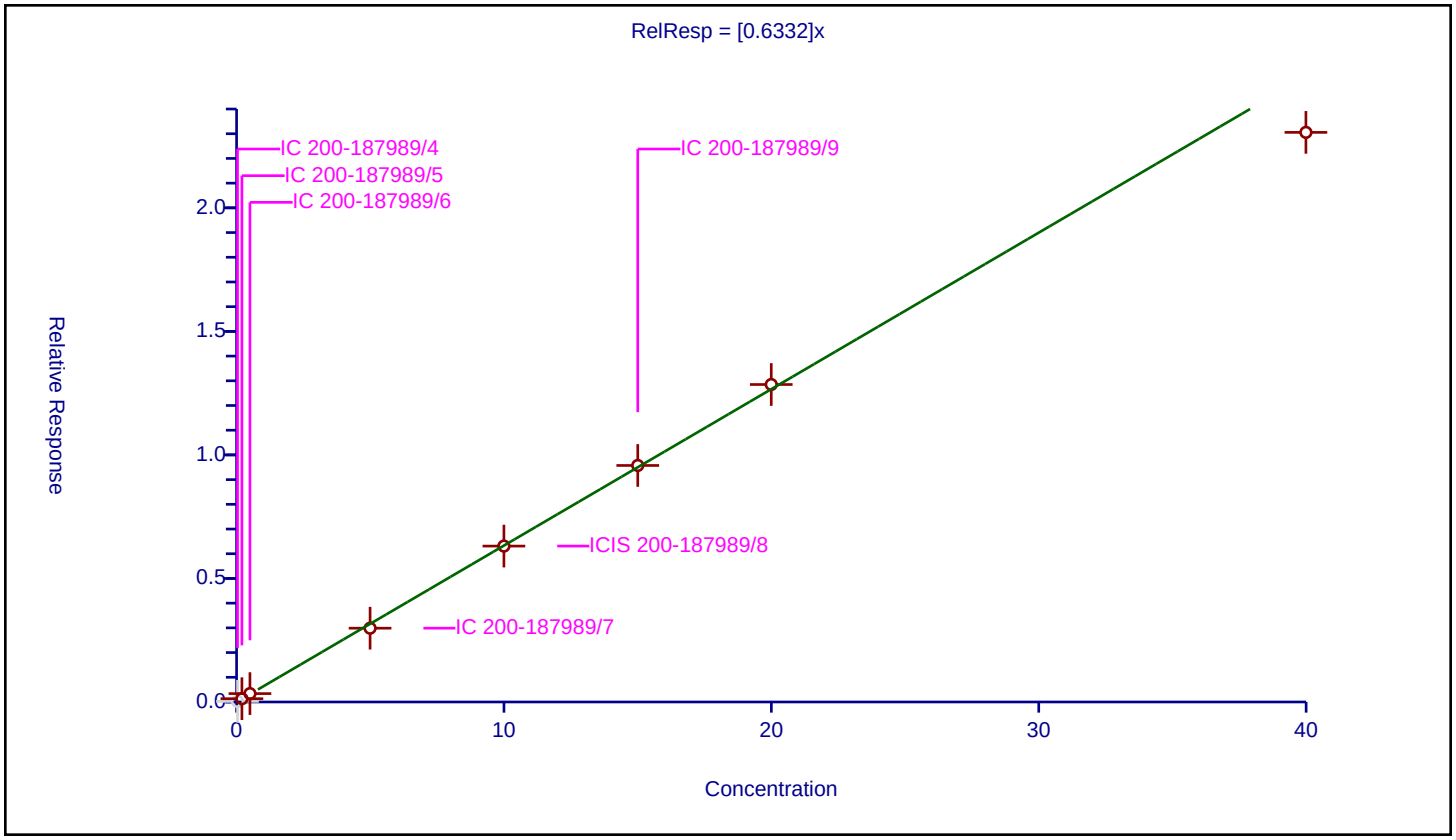
Curve Coefficients

Intercept:	0
Slope:	0.6332

Error Coefficients

Standard Error:	689000
Relative Standard Error:	5.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.024501	10.0	594254.0	0.698502	N
2	IC 200-187989/5	0.20044	0.133798	10.0	593431.0	0.667524	Y
3	IC 200-187989/6	0.500453	0.339353	10.0	584023.0	0.678092	Y
4	IC 200-187989/7	4.992563	2.987171	10.0	594924.0	0.598324	Y
5	ICIS 200-187989/8	9.99806	6.309905	10.0	591871.0	0.631113	Y
6	IC 200-187989/9	15.003557	9.572509	10.0	585533.0	0.638016	Y
7	IC 200-187989/12	19.99612	12.849703	10.0	589528.0	0.64261	Y
8	IC 200-187989/13	39.99224	23.054375	10.0	580266.0	0.576471	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

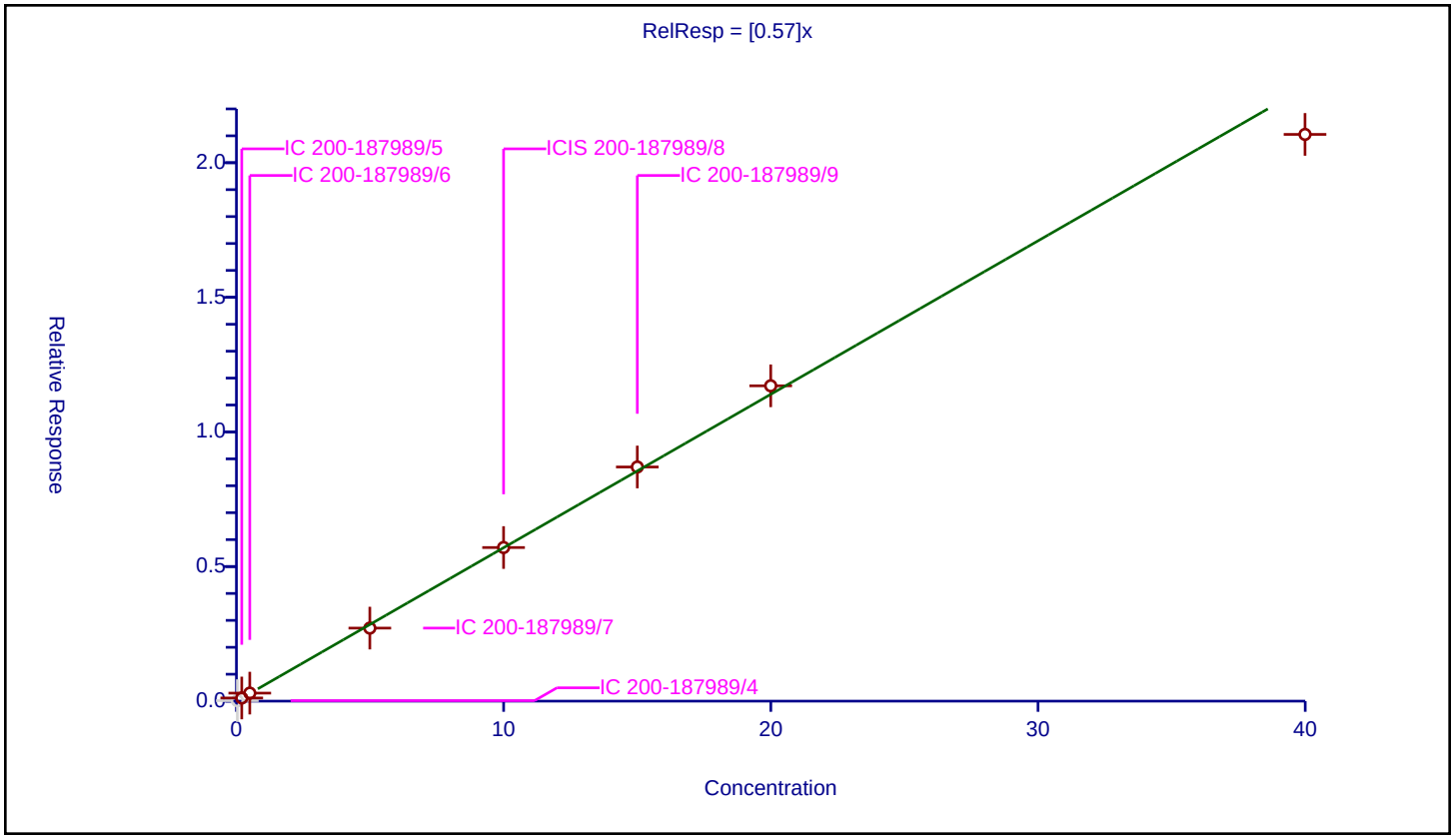
Curve Coefficients

Intercept:	0
Slope:	0.57

Error Coefficients

Standard Error:	628000
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 200-187989/4	0.035077	0.01809	10.0	594254.0	0.515721	N
2	IC 200-187989/5	0.20044	0.117571	10.0	593431.0	0.586563	Y
3	IC 200-187989/6	0.500453	0.298738	10.0	584023.0	0.596936	Y
4	IC 200-187989/7	4.992563	2.713305	10.0	594924.0	0.543469	Y
5	ICIS 200-187989/8	9.99806	5.706412	10.0	591871.0	0.570752	Y
6	IC 200-187989/9	15.003557	8.697768	10.0	585533.0	0.579714	Y
7	IC 200-187989/12	19.99612	11.71393	10.0	589528.0	0.58581	Y
8	IC 200-187989/13	39.99224	21.052379	10.0	580266.0	0.526412	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

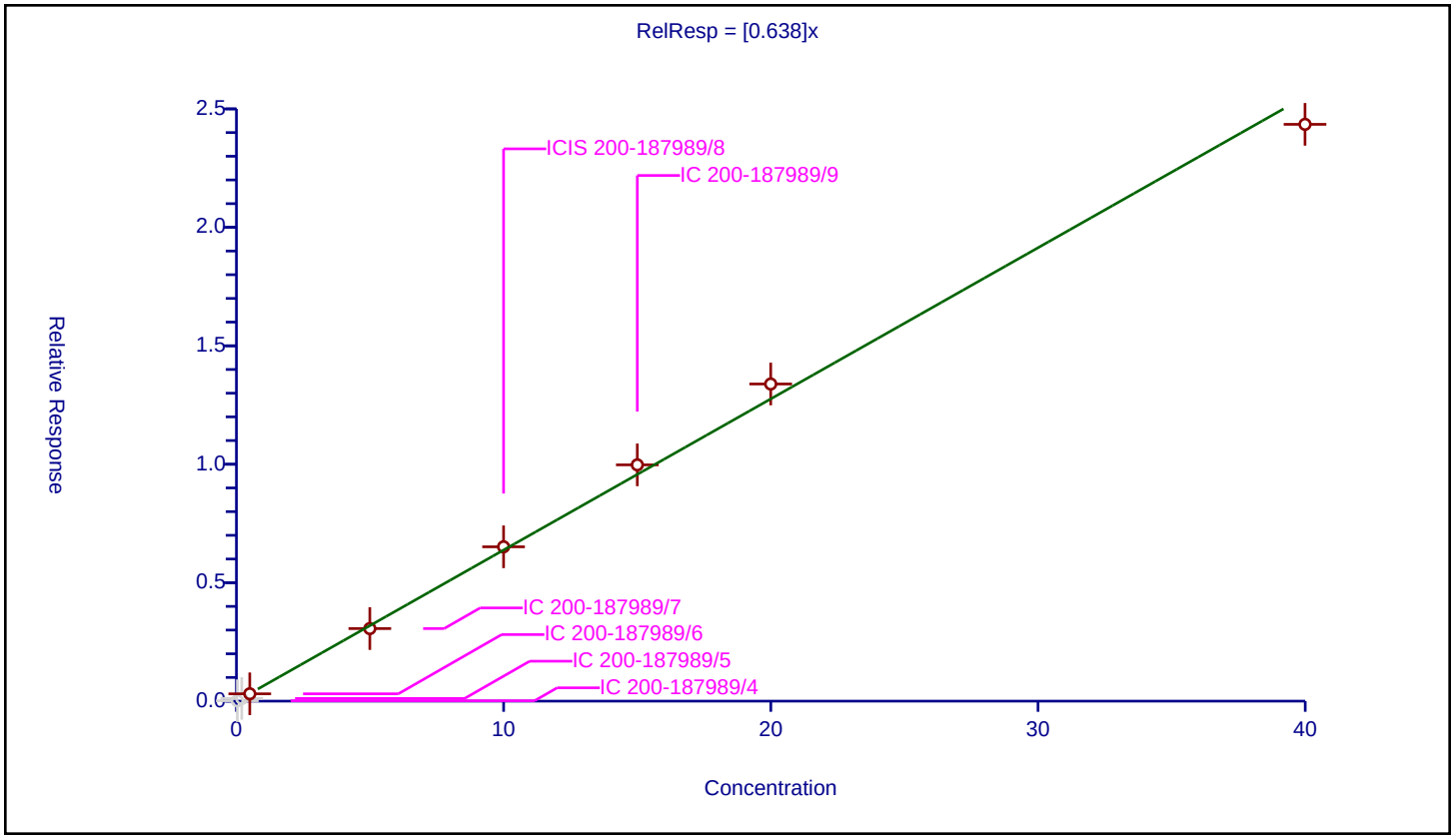
Curve Coefficients

Intercept:	0
Slope:	0.638

Error Coefficients

Standard Error:	793000
Relative Standard Error:	4.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.016071	10.0	594254.0	0.458152	N
2	IC 200-187989/5	0.20044	0.113577	10.0	593431.0	0.566638	N
3	IC 200-187989/6	0.500453	0.310091	10.0	584023.0	0.61962	Y
4	IC 200-187989/7	4.992563	3.062711	10.0	594924.0	0.613455	Y
5	ICIS 200-187989/8	9.99806	6.51468	10.0	591871.0	0.651594	Y
6	IC 200-187989/9	15.003557	9.974246	10.0	585533.0	0.664792	Y
7	IC 200-187989/12	19.99612	13.387201	10.0	589528.0	0.66949	Y
8	IC 200-187989/13	39.99224	24.347454	10.0	580266.0	0.608804	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

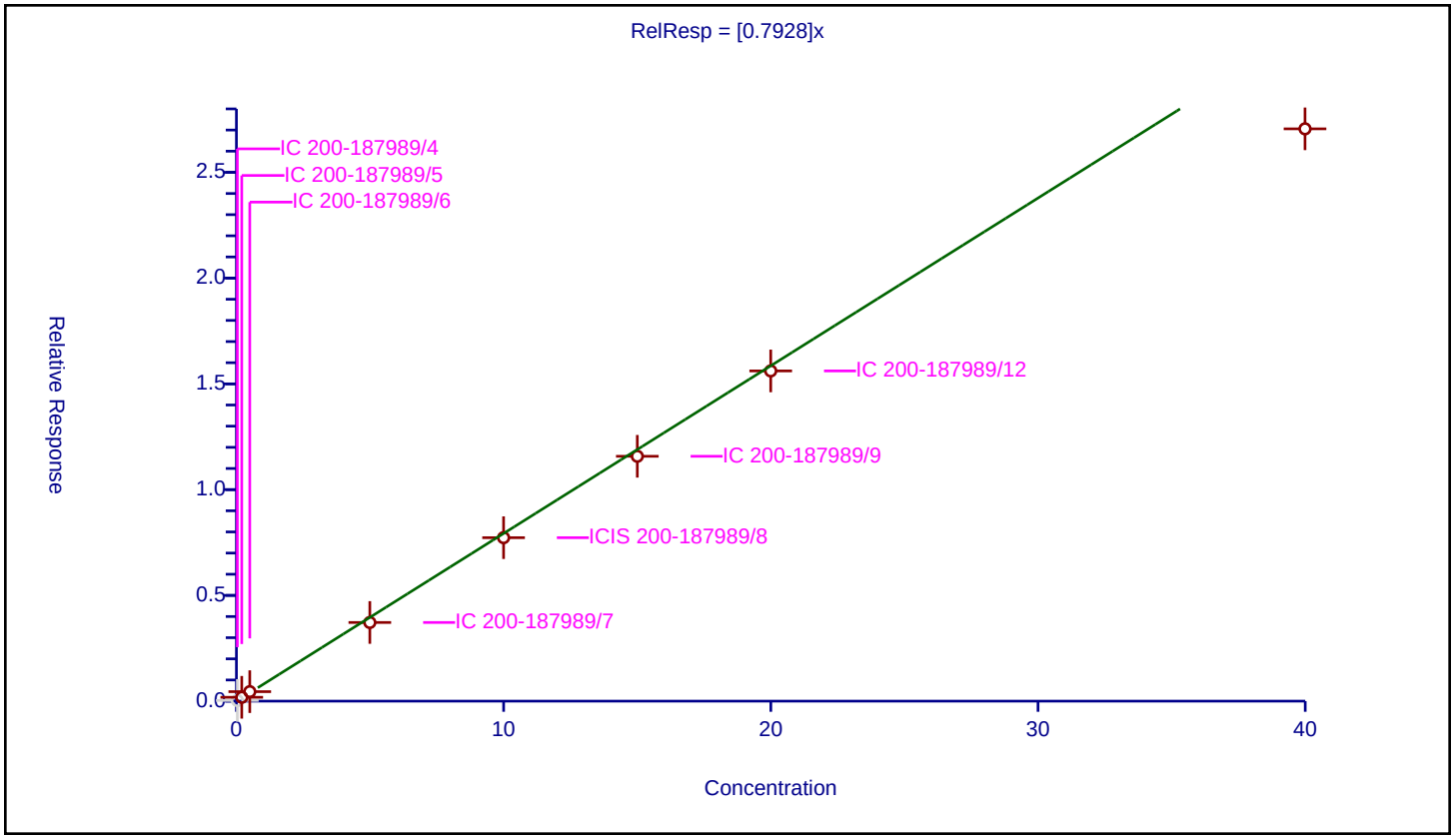
Curve Coefficients

Intercept:	0
Slope:	0.7928

Error Coefficients

Standard Error:	711000
Relative Standard Error:	10.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.032109	10.0	491458.0	0.915375	N
2	IC 200-187989/5	0.20044	0.181645	10.0	495526.0	0.906235	Y
3	IC 200-187989/6	0.500453	0.448844	10.0	490683.0	0.896876	Y
4	IC 200-187989/7	4.992563	3.718689	10.0	507921.0	0.744846	Y
5	ICIS 200-187989/8	9.99806	7.72815	10.0	505271.0	0.772965	Y
6	IC 200-187989/9	15.003557	11.576825	10.0	505465.0	0.771605	Y
7	IC 200-187989/12	19.99612	15.612108	10.0	501047.0	0.780757	Y
8	IC 200-187989/13	39.99224	27.056245	10.0	508208.0	0.676537	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

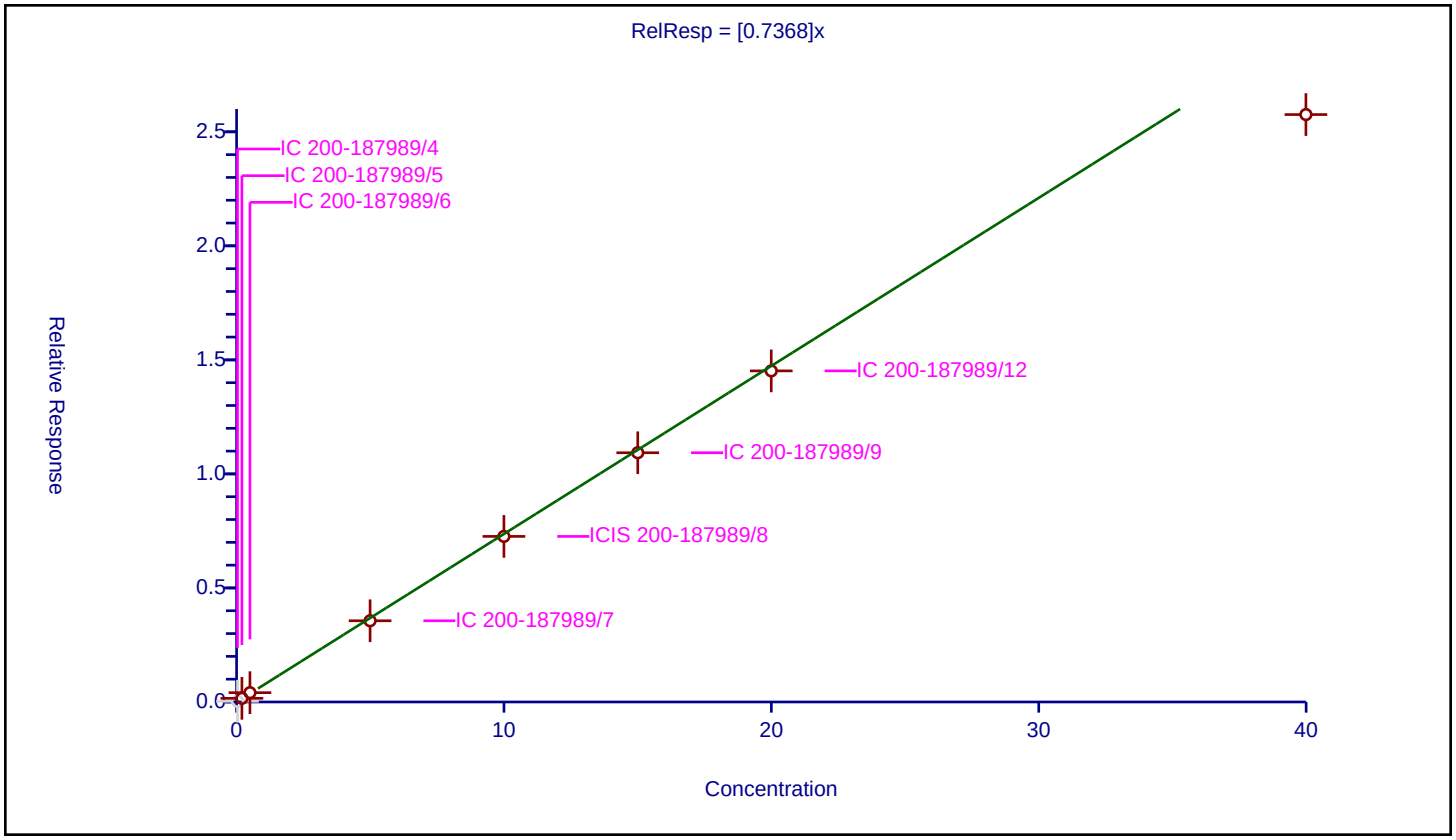
Curve Coefficients

Intercept:	0
Slope:	0.7368

Error Coefficients

Standard Error:	775000
Relative Standard Error:	7.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.032023	10.0	594254.0	0.912946	N
2	IC 200-187989/5	0.20044	0.160895	10.0	593431.0	0.80271	Y
3	IC 200-187989/6	0.500453	0.408837	10.0	584023.0	0.816934	Y
4	IC 200-187989/7	4.992563	3.560993	10.0	594924.0	0.713259	Y
5	ICIS 200-187989/8	9.99806	7.260518	10.0	591871.0	0.726193	Y
6	IC 200-187989/9	15.003557	10.927992	10.0	585533.0	0.72836	Y
7	IC 200-187989/12	19.99612	14.517919	10.0	589528.0	0.726037	Y
8	IC 200-187989/13	39.99224	25.756963	10.0	580266.0	0.644049	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

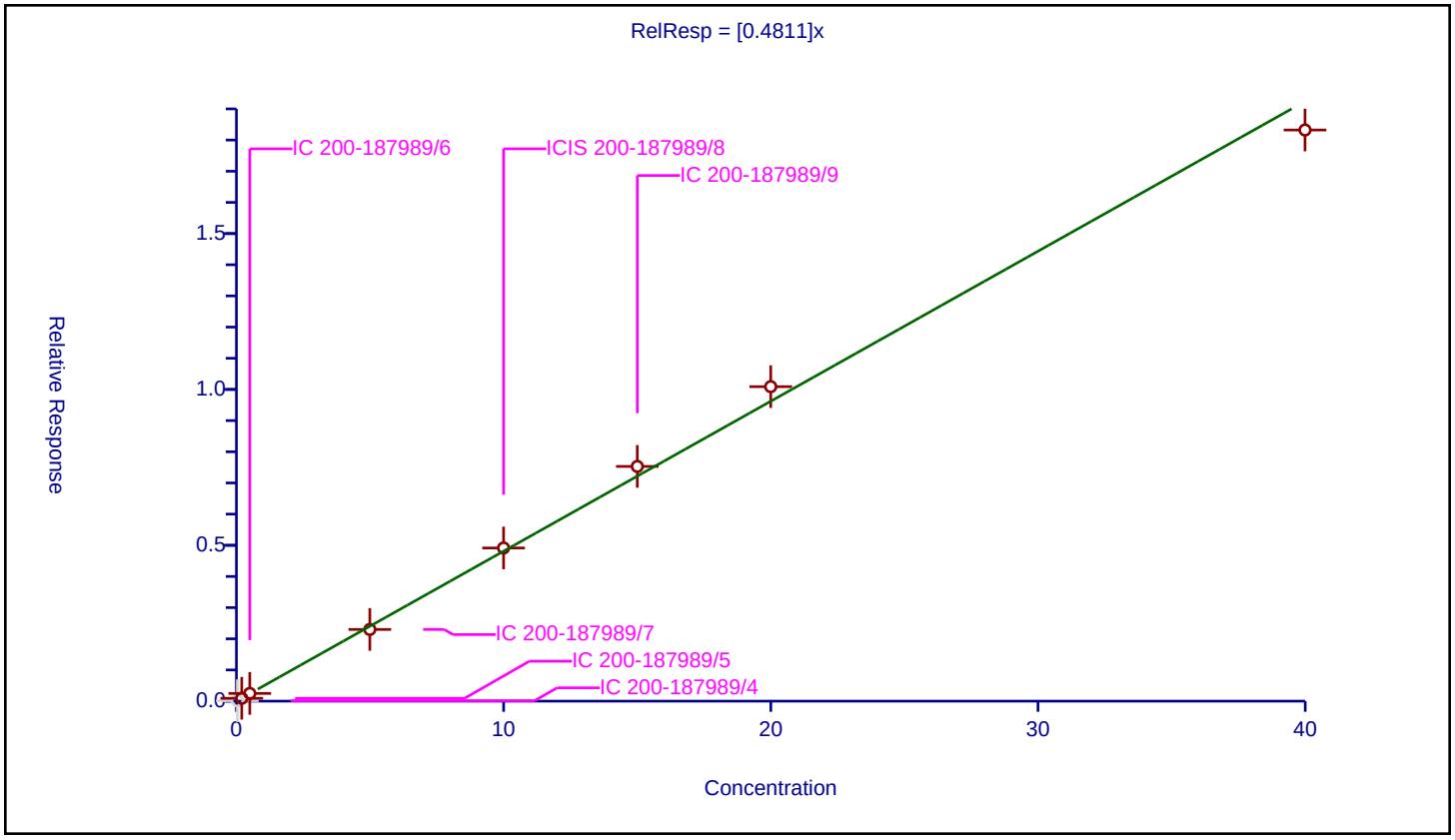
Curve Coefficients

Intercept:	0
Slope:	0.4811

Error Coefficients

Standard Error:	545000
Relative Standard Error:	4.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.012974	10.0	594254.0	0.36988	N
2	IC 200-187989/5	0.20044	0.091603	10.0	593431.0	0.45701	Y
3	IC 200-187989/6	0.500453	0.24737	10.0	584023.0	0.494293	Y
4	IC 200-187989/7	4.992563	2.299588	10.0	594924.0	0.460603	Y
5	ICIS 200-187989/8	9.99806	4.913317	10.0	591871.0	0.491427	Y
6	IC 200-187989/9	15.003557	7.530097	10.0	585533.0	0.501887	Y
7	IC 200-187989/12	19.99612	10.089292	10.0	589528.0	0.504562	Y
8	IC 200-187989/13	39.99224	18.322631	10.0	580266.0	0.458155	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

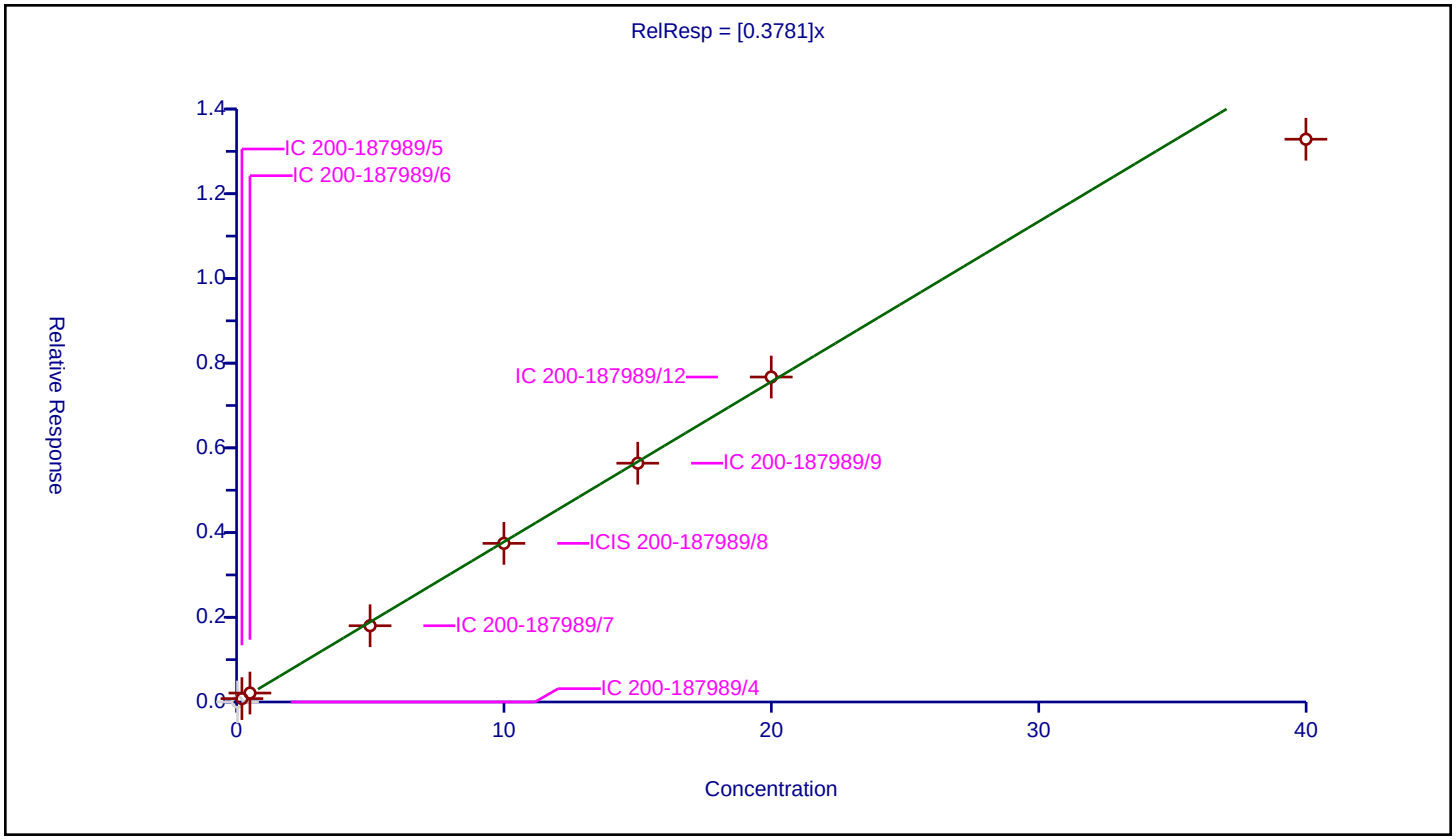
Curve Coefficients

Intercept:	0
Slope:	0.3781

Error Coefficients

Standard Error:	349000
Relative Standard Error:	7.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	491458.0	0.0	N
2	IC 200-187989/5	0.20044	0.079713	10.0	495526.0	0.397692	Y
3	IC 200-187989/6	0.500453	0.211318	10.0	490683.0	0.422253	Y
4	IC 200-187989/7	4.992563	1.800024	10.0	507921.0	0.360541	Y
5	ICIS 200-187989/8	9.99806	3.745139	10.0	505271.0	0.374587	Y
6	IC 200-187989/9	15.003557	5.637502	10.0	505465.0	0.375744	Y
7	IC 200-187989/12	19.99612	7.672673	10.0	501047.0	0.383708	Y
8	IC 200-187989/13	39.99224	13.286961	10.0	508208.0	0.332238	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

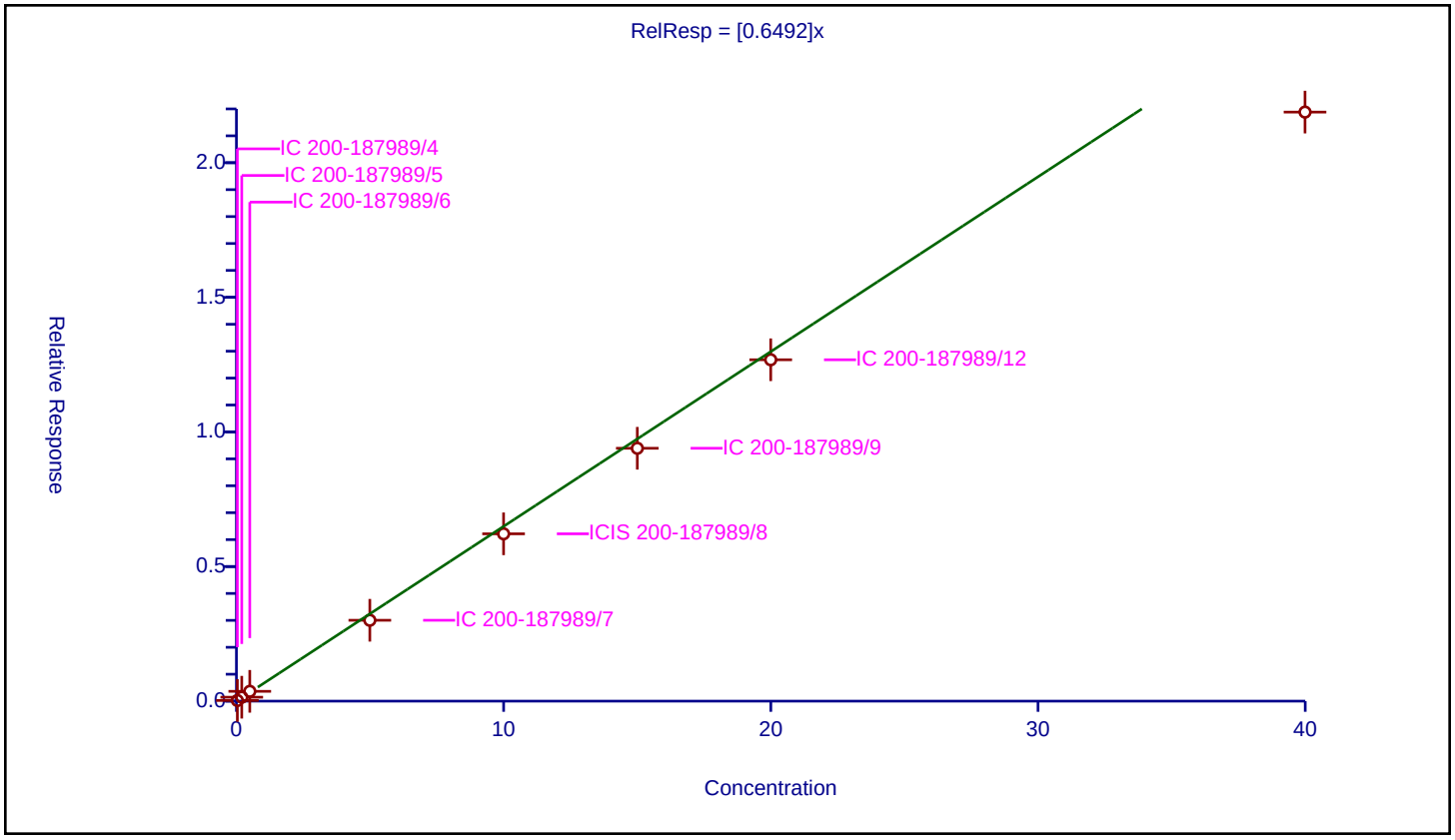
Curve Coefficients

Intercept:	0
Slope:	0.6492

Error Coefficients

Standard Error:	533000
Relative Standard Error:	10.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.024682	10.0	491458.0	0.703643	Y
2	IC 200-187989/5	0.20044	0.146329	10.0	495526.0	0.730042	Y
3	IC 200-187989/6	0.500453	0.365063	10.0	490683.0	0.729465	Y
4	IC 200-187989/7	4.992563	3.004247	10.0	507921.0	0.601744	Y
5	ICIS 200-187989/8	9.99806	6.215199	10.0	505271.0	0.621641	Y
6	IC 200-187989/9	15.003557	9.39341	10.0	505465.0	0.626079	Y
7	IC 200-187989/12	19.99612	12.681186	10.0	501047.0	0.634182	Y
8	IC 200-187989/13	39.99224	21.881533	10.0	508208.0	0.547144	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

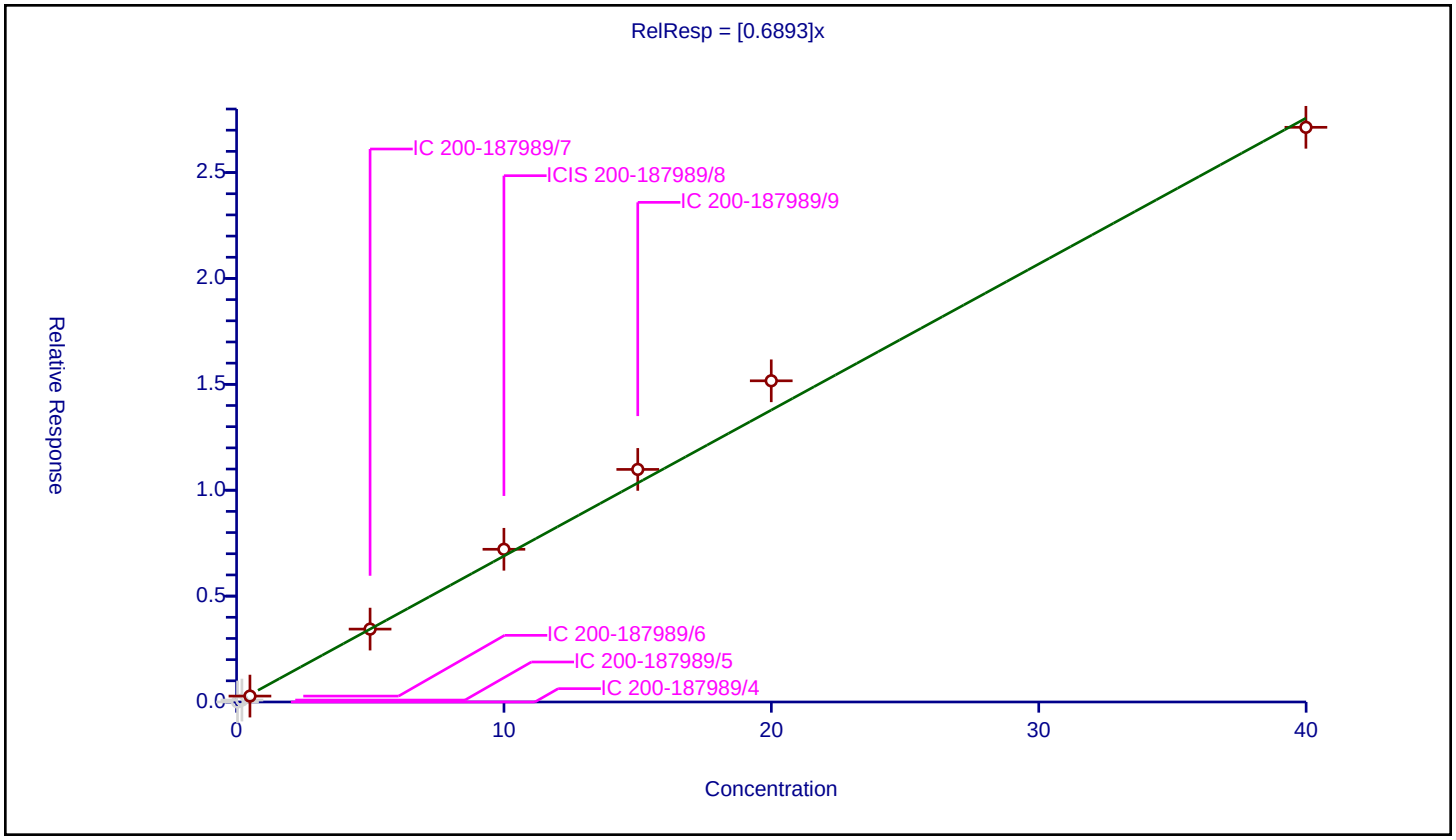
Curve Coefficients

Intercept:	0
Slope:	0.6893

Error Coefficients

Standard Error:	768000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.0	10.0	491458.0	0.0	N
2	IC 200-187989/5	0.20044	0.091398	10.0	495526.0	0.455987	N
3	IC 200-187989/6	0.500453	0.278489	10.0	490683.0	0.556475	Y
4	IC 200-187989/7	4.992563	3.442071	10.0	507921.0	0.68944	Y
5	ICIS 200-187989/8	9.99806	7.210329	10.0	505271.0	0.721173	Y
6	IC 200-187989/9	15.003557	10.981967	10.0	505465.0	0.731958	Y
7	IC 200-187989/12	19.99612	15.166501	10.0	501047.0	0.758472	Y
8	IC 200-187989/13	39.99224	27.135897	10.0	508208.0	0.678529	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

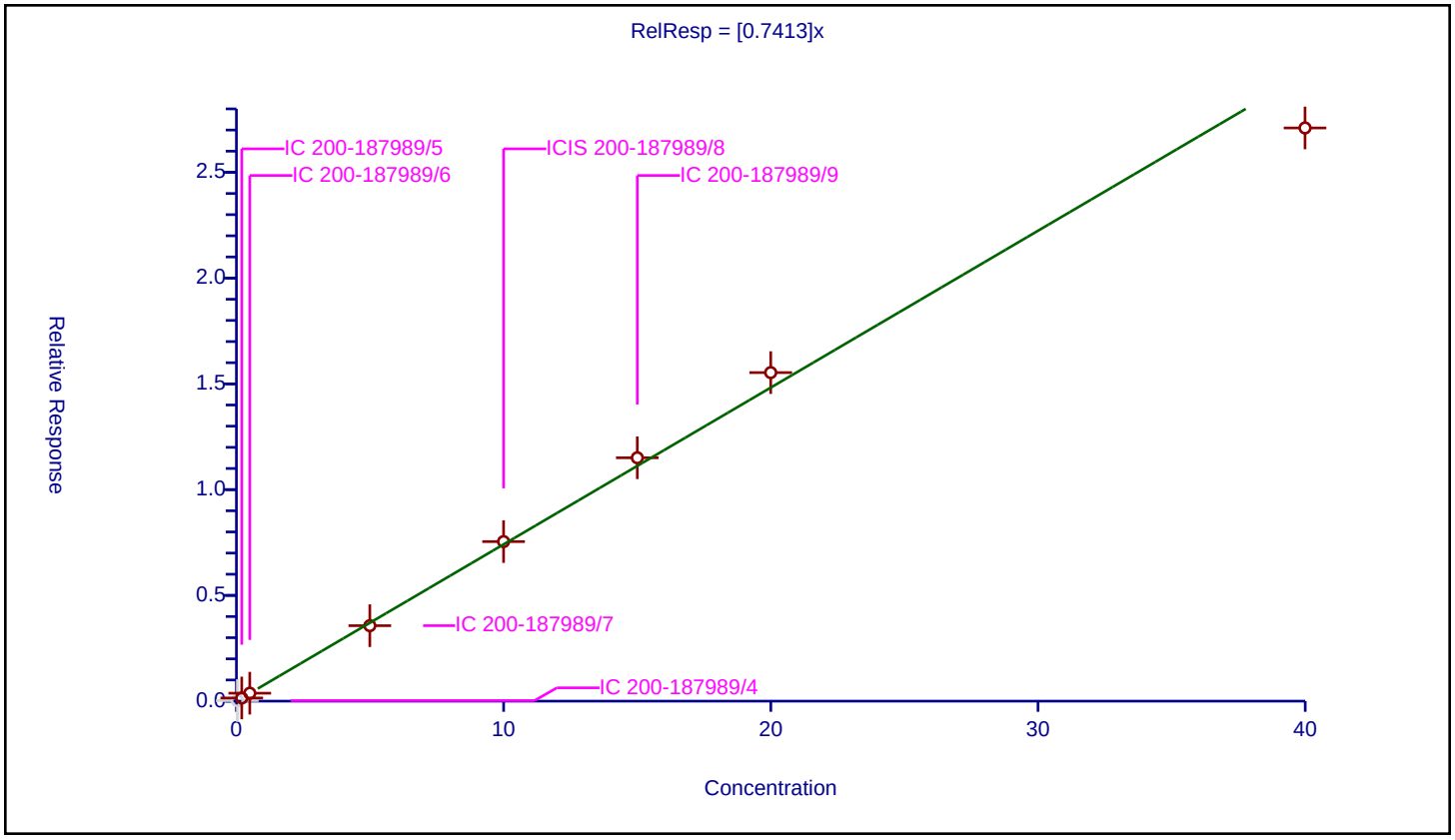
Curve Coefficients

Intercept:	0
Slope:	0.7413

Error Coefficients

Standard Error:	709000
Relative Standard Error:	4.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.025211	10.0	491458.0	0.718726	N
2	IC 200-187989/5	0.20044	0.149639	10.0	495526.0	0.746554	Y
3	IC 200-187989/6	0.500453	0.376394	10.0	490683.0	0.752107	Y
4	IC 200-187989/7	4.992563	3.56776	10.0	507921.0	0.714615	Y
5	ICIS 200-187989/8	9.99806	7.542903	10.0	505271.0	0.754437	Y
6	IC 200-187989/9	15.003557	11.505782	10.0	505465.0	0.76687	Y
7	IC 200-187989/12	19.99612	15.533253	10.0	501047.0	0.776813	Y
8	IC 200-187989/13	39.99224	27.099003	10.0	508208.0	0.677607	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

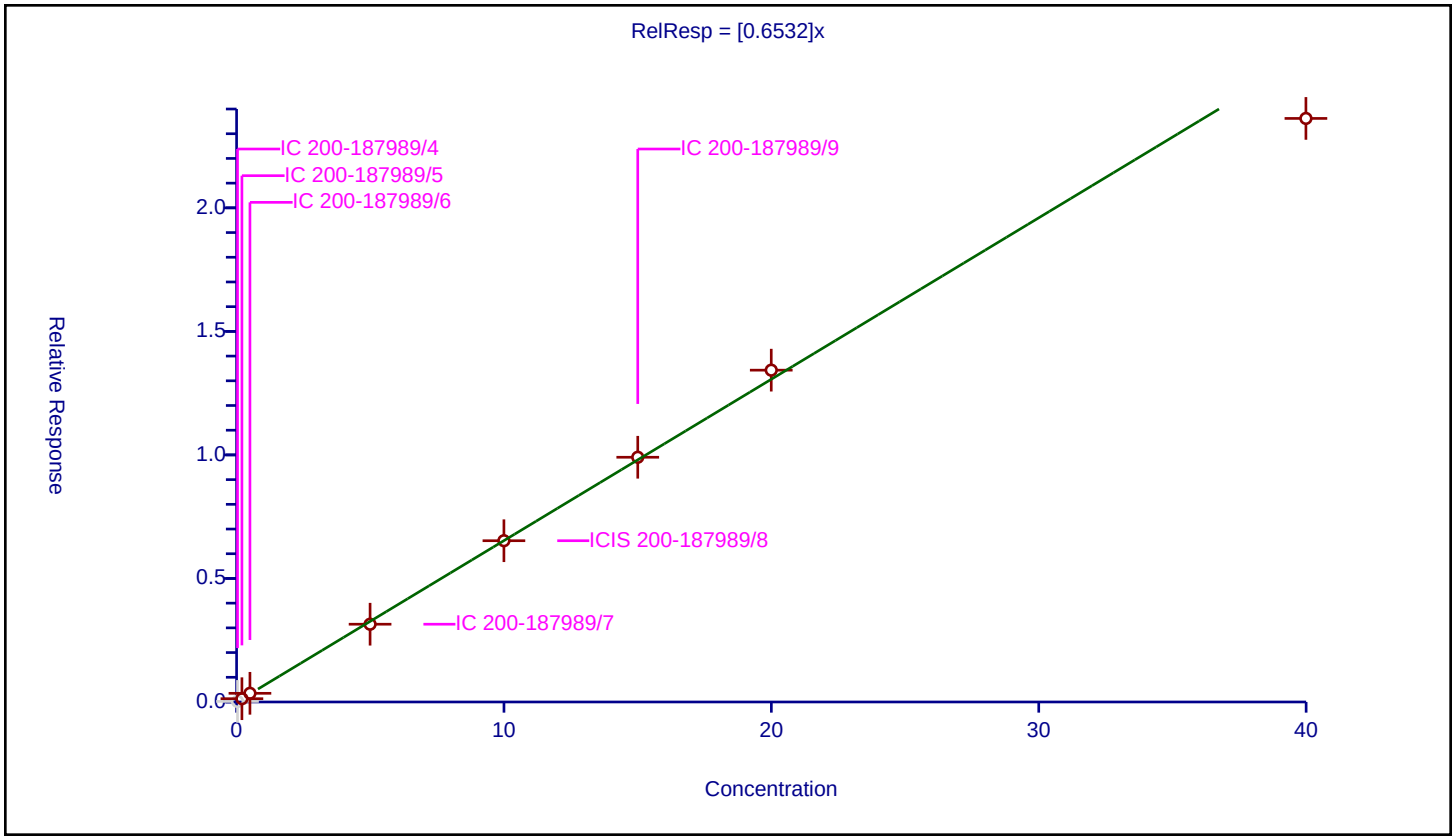
Curve Coefficients

Intercept:	0
Slope:	0.6532

Error Coefficients

Standard Error:	616000
Relative Standard Error:	5.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.023379	10.0	491458.0	0.666518	N
2	IC 200-187989/5	0.20044	0.133111	10.0	495526.0	0.664095	Y
3	IC 200-187989/6	0.500453	0.35151	10.0	490683.0	0.702384	Y
4	IC 200-187989/7	4.992563	3.148206	10.0	507921.0	0.630579	Y
5	ICIS 200-187989/8	9.99806	6.52727	10.0	505271.0	0.652854	Y
6	IC 200-187989/9	15.003557	9.90581	10.0	505465.0	0.660231	Y
7	IC 200-187989/12	19.99612	13.430556	10.0	501047.0	0.671658	Y
8	IC 200-187989/13	39.99224	23.618892	10.0	508208.0	0.590587	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

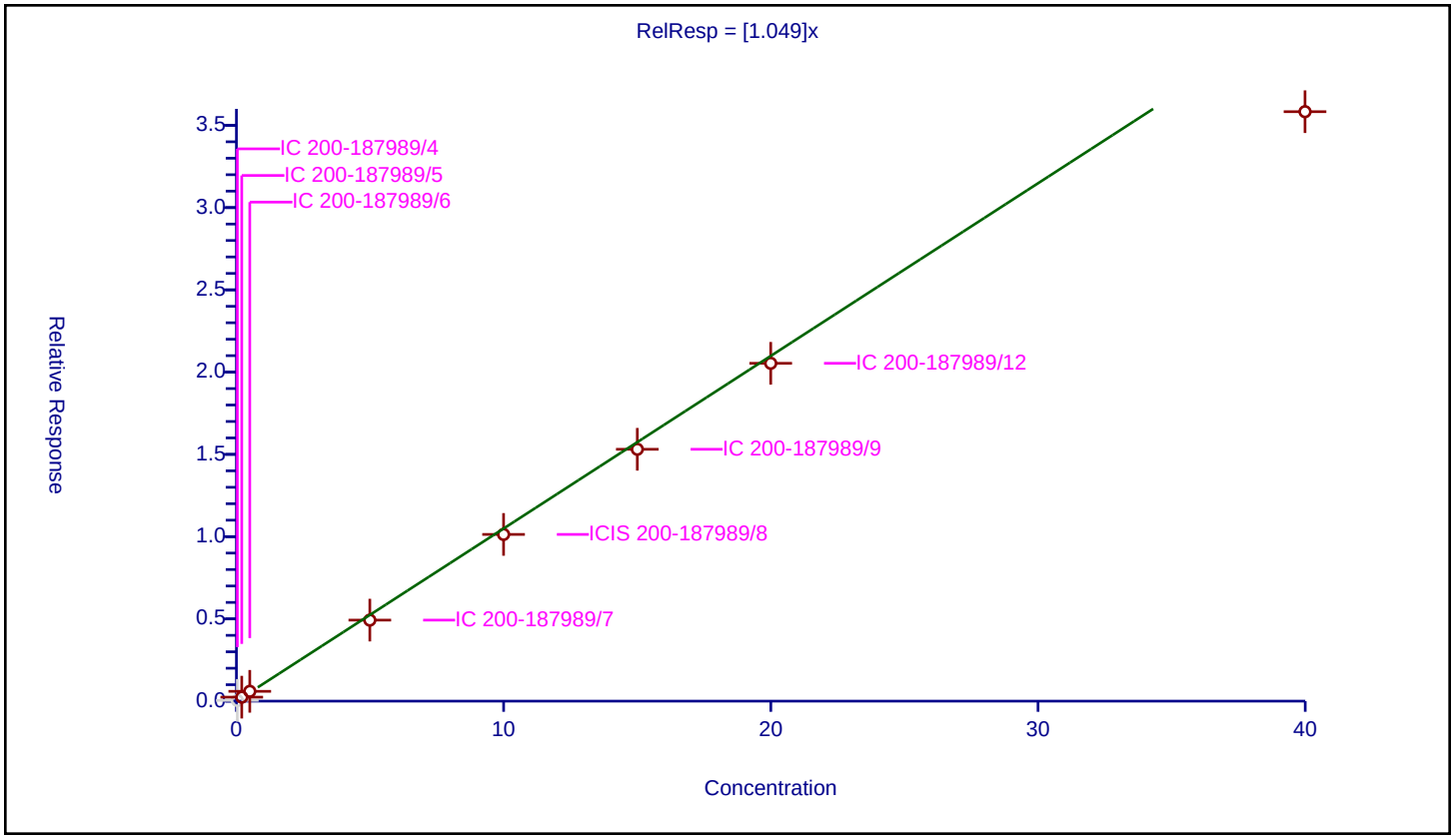
Curve Coefficients

Intercept:	0
Slope:	1.049

Error Coefficients

Standard Error:	940000
Relative Standard Error:	10.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.044541	10.0	491458.0	1.269807	N
2	IC 200-187989/5	0.20044	0.242127	10.0	495526.0	1.207977	Y
3	IC 200-187989/6	0.500453	0.597147	10.0	490683.0	1.193214	Y
4	IC 200-187989/7	4.992563	4.926475	10.0	507921.0	0.986763	Y
5	ICIS 200-187989/8	9.99806	10.133869	10.0	505271.0	1.013584	Y
6	IC 200-187989/9	15.003557	15.309626	10.0	505465.0	1.0204	Y
7	IC 200-187989/12	19.99612	20.536038	10.0	501047.0	1.027001	Y
8	IC 200-187989/13	39.99224	35.830664	10.0	508208.0	0.89594	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

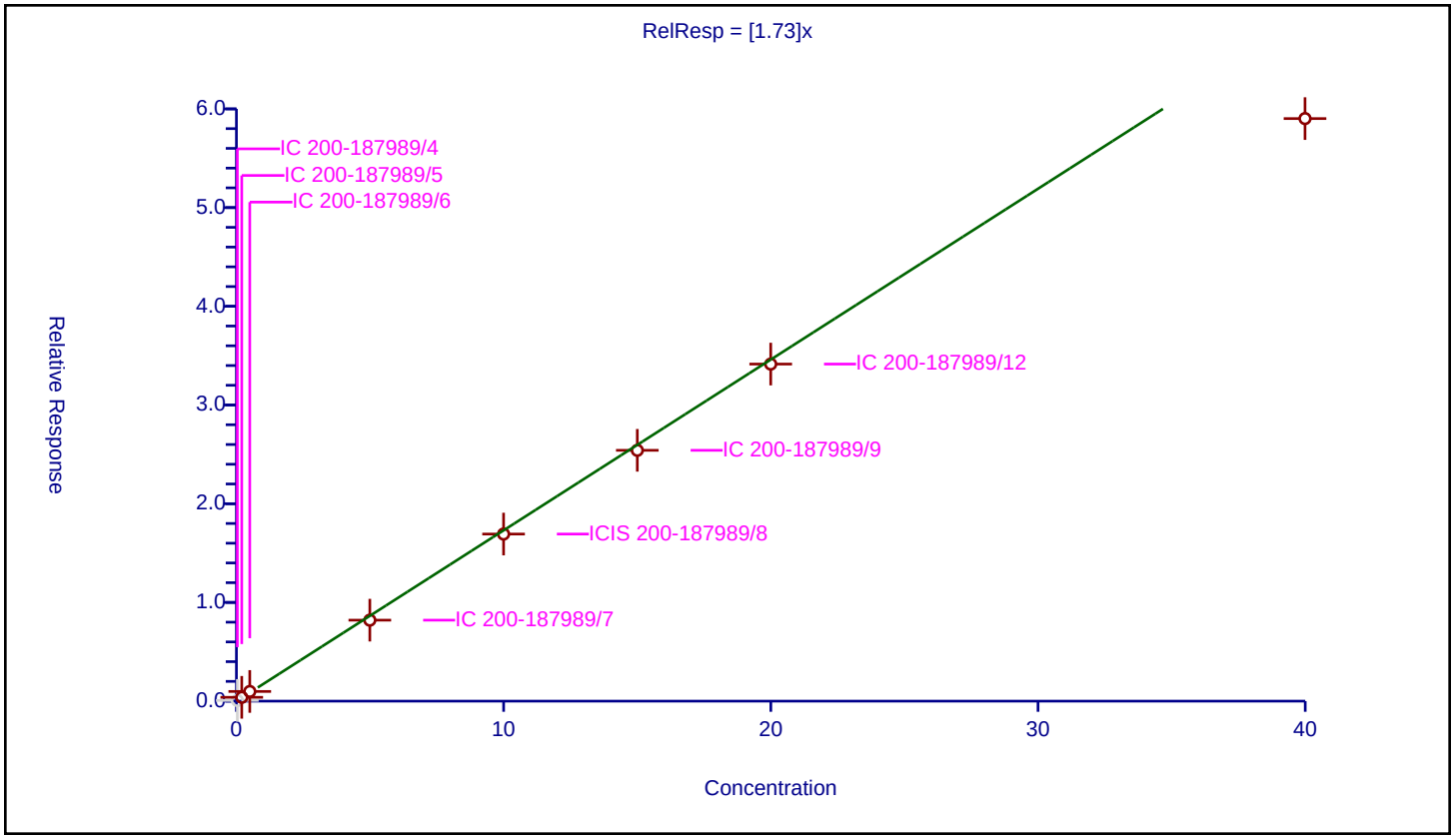
Curve Coefficients

Intercept:	0
Slope:	1.73

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	9.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.071359	10.0	491458.0	2.034359	N
2	IC 200-187989/5	0.20044	0.388153	10.0	495526.0	1.936509	Y
3	IC 200-187989/6	0.500453	0.981958	10.0	490683.0	1.96214	Y
4	IC 200-187989/7	4.992563	8.204918	10.0	507921.0	1.643428	Y
5	ICIS 200-187989/8	9.99806	16.928104	10.0	505271.0	1.693139	Y
6	IC 200-187989/9	15.003557	25.409554	10.0	505465.0	1.693569	Y
7	IC 200-187989/12	19.99612	34.147096	10.0	501047.0	1.707686	Y
8	IC 200-187989/13	39.99224	59.018748	10.0	508208.0	1.475755	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

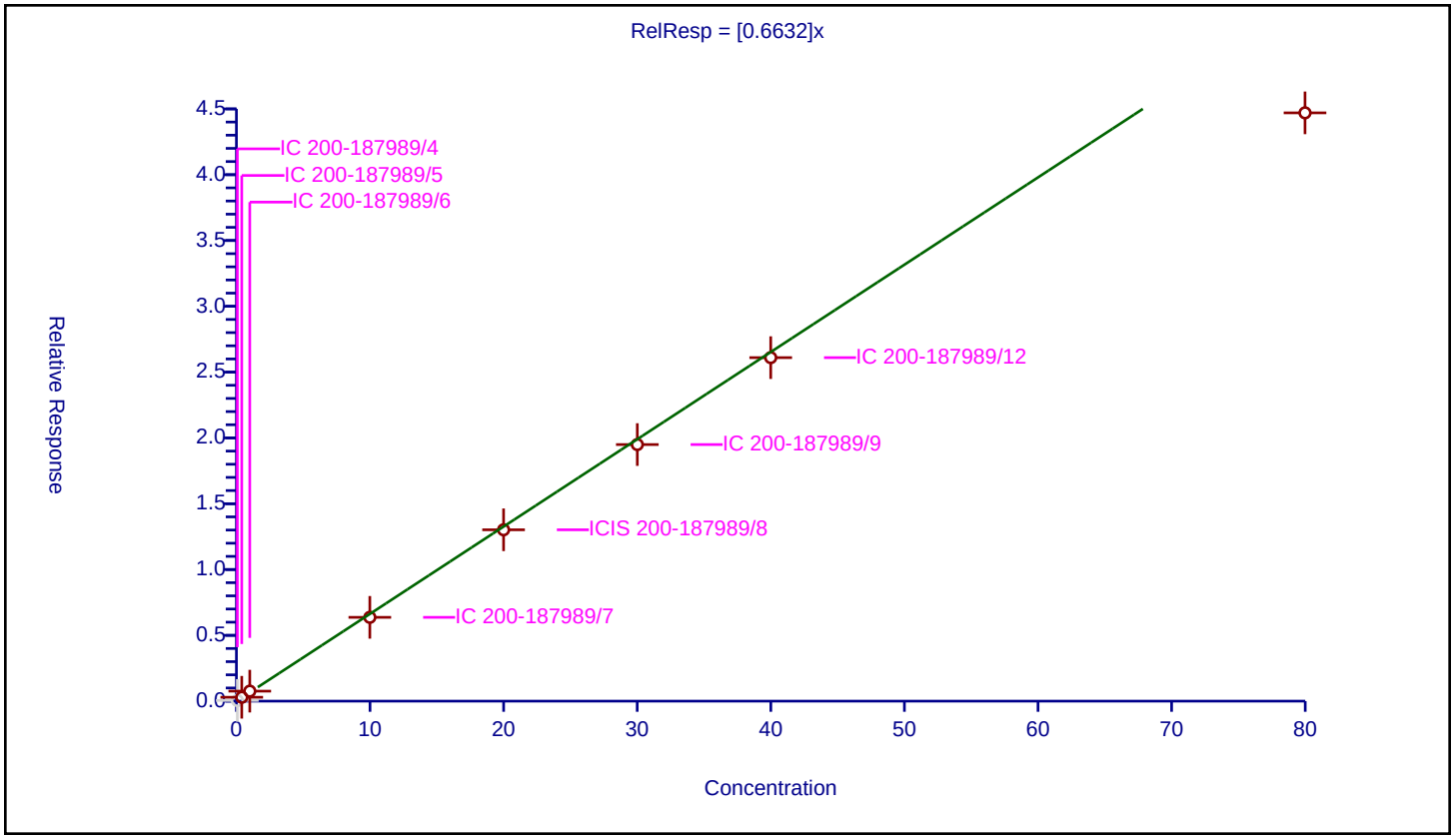
Curve Coefficients

Intercept:	0
Slope:	0.6632

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	9.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.070154	0.05207	10.0	491458.0	0.742219	N
2	IC 200-187989/5	0.400879	0.294152	10.0	495526.0	0.733767	Y
3	IC 200-187989/6	1.000905	0.759554	10.0	490683.0	0.758867	Y
4	IC 200-187989/7	9.985126	6.36851	10.0	507921.0	0.6378	Y
5	ICIS 200-187989/8	19.99612	13.019251	10.0	505271.0	0.651089	Y
6	IC 200-187989/9	30.007114	19.496088	10.0	505465.0	0.649716	Y
7	IC 200-187989/12	39.99224	26.099927	10.0	501047.0	0.652625	Y
8	IC 200-187989/13	79.984479	44.699336	10.0	508208.0	0.55885	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

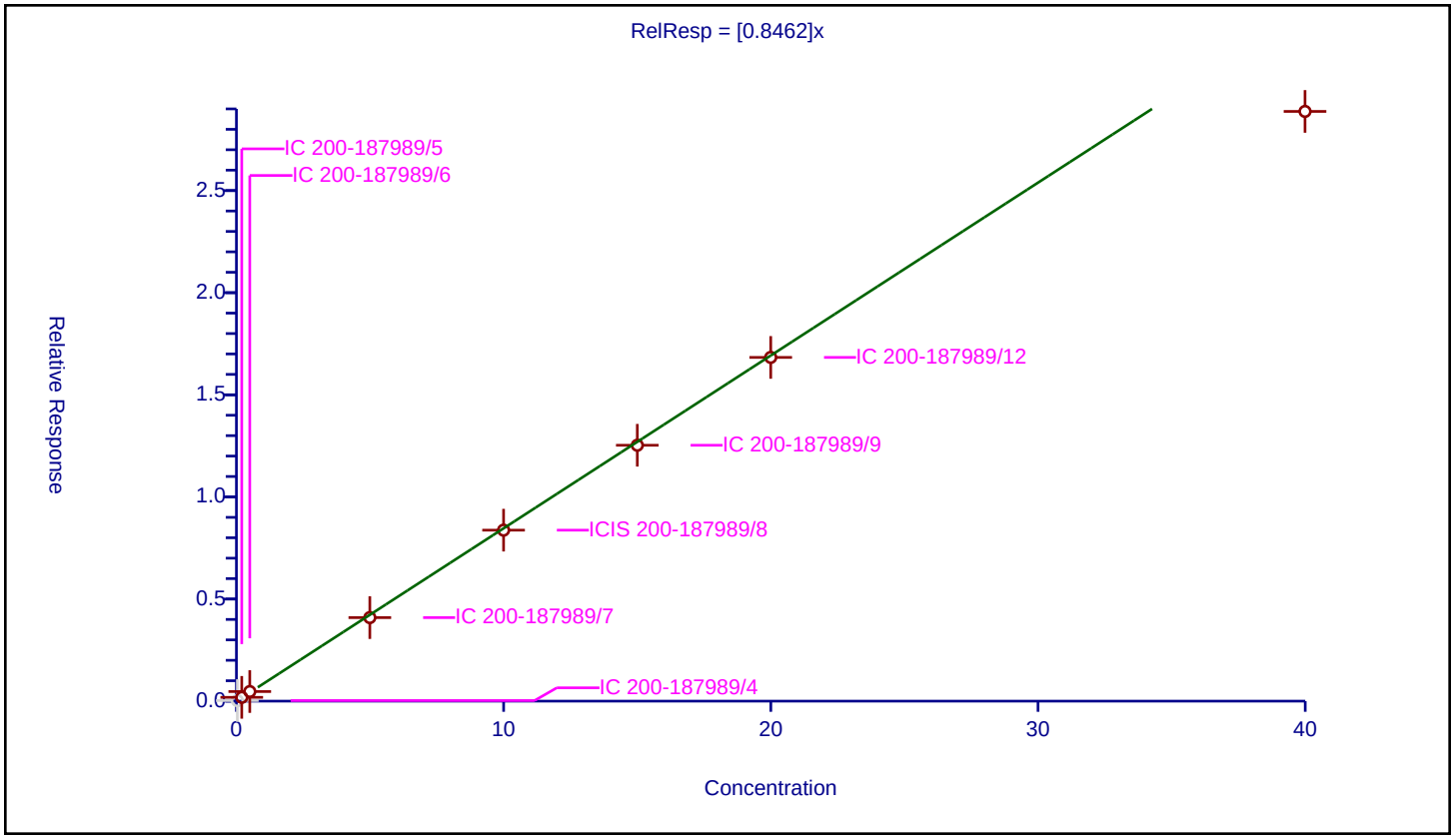
Curve Coefficients

Intercept:	0
Slope:	0.8462

Error Coefficients

Standard Error:	763000
Relative Standard Error:	8.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.027632	10.0	491458.0	0.787756	N
2	IC 200-187989/5	0.20044	0.185964	10.0	495526.0	0.92778	Y
3	IC 200-187989/6	0.500453	0.470528	10.0	490683.0	0.940205	Y
4	IC 200-187989/7	4.992563	4.090991	10.0	507921.0	0.819417	Y
5	ICIS 200-187989/8	9.99806	8.372378	10.0	505271.0	0.8374	Y
6	IC 200-187989/9	15.003557	12.529967	10.0	505465.0	0.835133	Y
7	IC 200-187989/12	19.99612	16.831036	10.0	501047.0	0.841715	Y
8	IC 200-187989/13	39.99224	28.876031	10.0	508208.0	0.722041	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

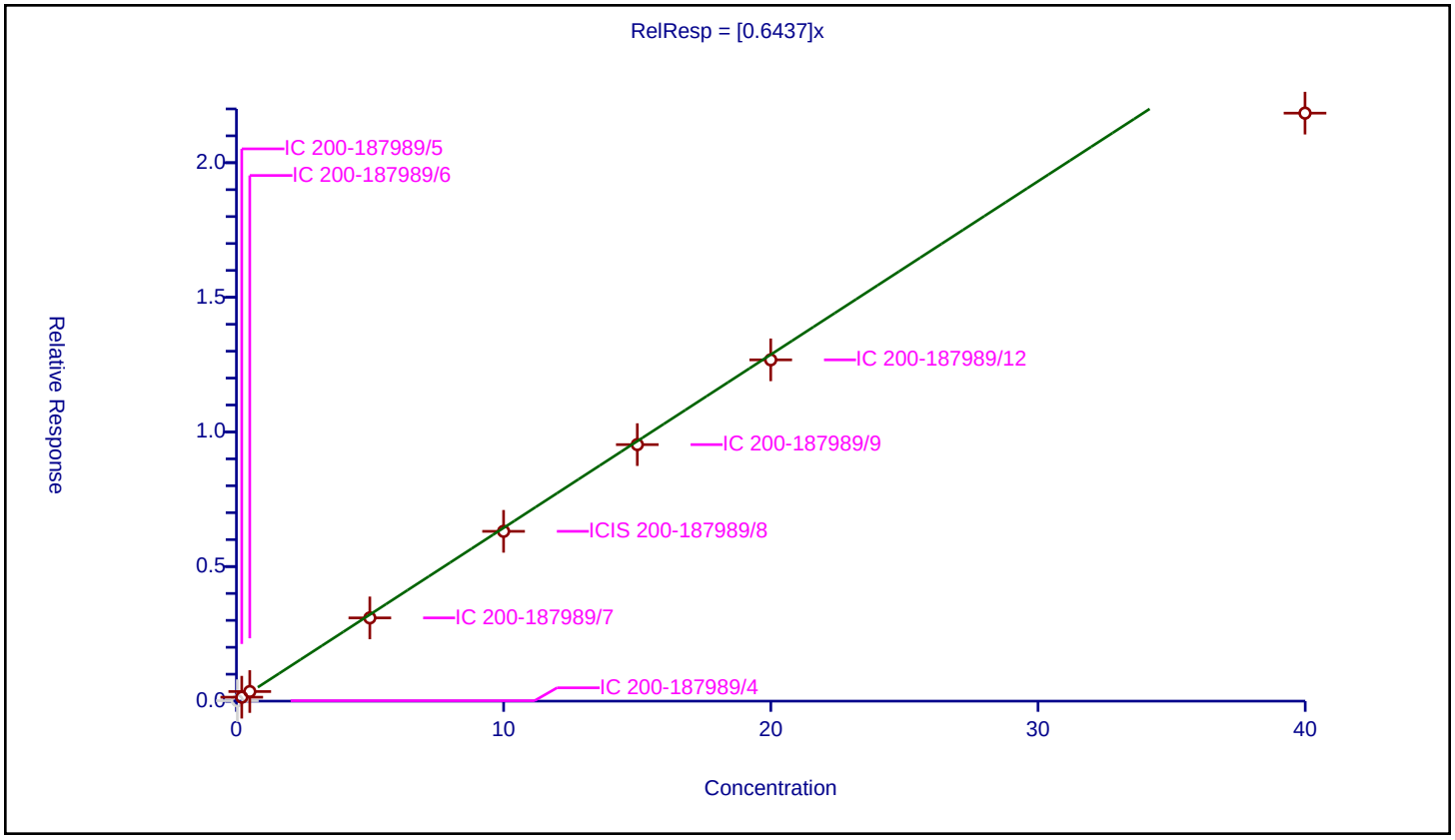
Curve Coefficients

Intercept:	0
Slope:	0.6437

Error Coefficients

Standard Error:	577000
Relative Standard Error:	9.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.016482	10.0	491458.0	0.469869	N
2	IC 200-187989/5	0.20044	0.145643	10.0	495526.0	0.726619	Y
3	IC 200-187989/6	0.500453	0.357094	10.0	490683.0	0.713542	Y
4	IC 200-187989/7	4.992563	3.092115	10.0	507921.0	0.619344	Y
5	ICIS 200-187989/8	9.99806	6.308001	10.0	505271.0	0.630923	Y
6	IC 200-187989/9	15.003557	9.529127	10.0	505465.0	0.635125	Y
7	IC 200-187989/12	19.99612	12.678112	10.0	501047.0	0.634029	Y
8	IC 200-187989/13	39.99224	21.842946	10.0	508208.0	0.54618	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

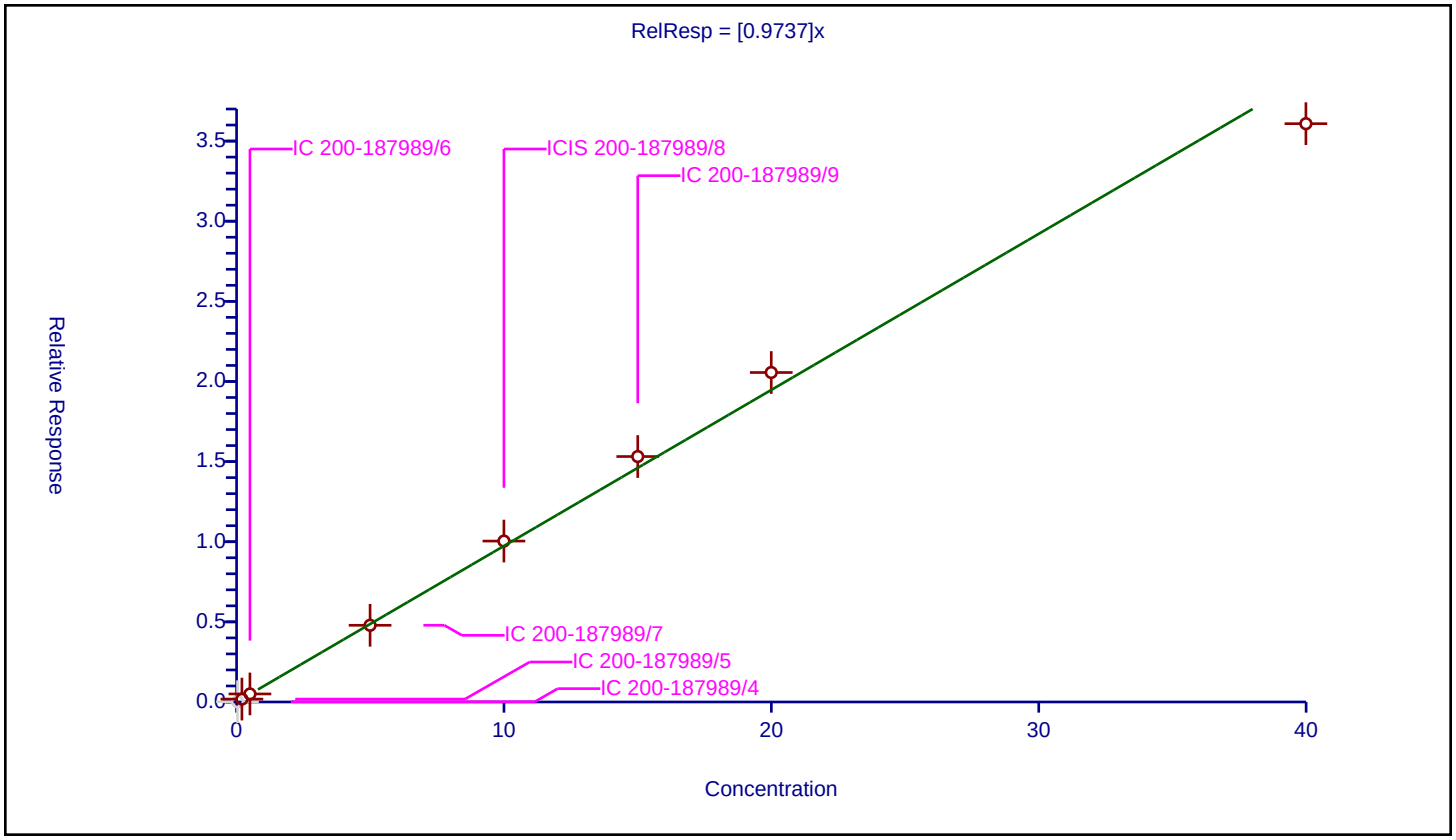
Curve Coefficients

Intercept:	0
Slope:	0.9737

Error Coefficients

Standard Error:	943000
Relative Standard Error:	5.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.017825	10.0	491458.0	0.508155	N
2	IC 200-187989/5	0.20044	0.180152	10.0	495526.0	0.898784	Y
3	IC 200-187989/6	0.500453	0.501852	10.0	490683.0	1.002795	Y
4	IC 200-187989/7	4.992563	4.786906	10.0	507921.0	0.958807	Y
5	ICIS 200-187989/8	9.99806	10.040216	10.0	505271.0	1.004216	Y
6	IC 200-187989/9	15.003557	15.316194	10.0	505465.0	1.020838	Y
7	IC 200-187989/12	19.99612	20.559309	10.0	501047.0	1.028165	Y
8	IC 200-187989/13	39.99224	36.08428	10.0	508208.0	0.902282	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

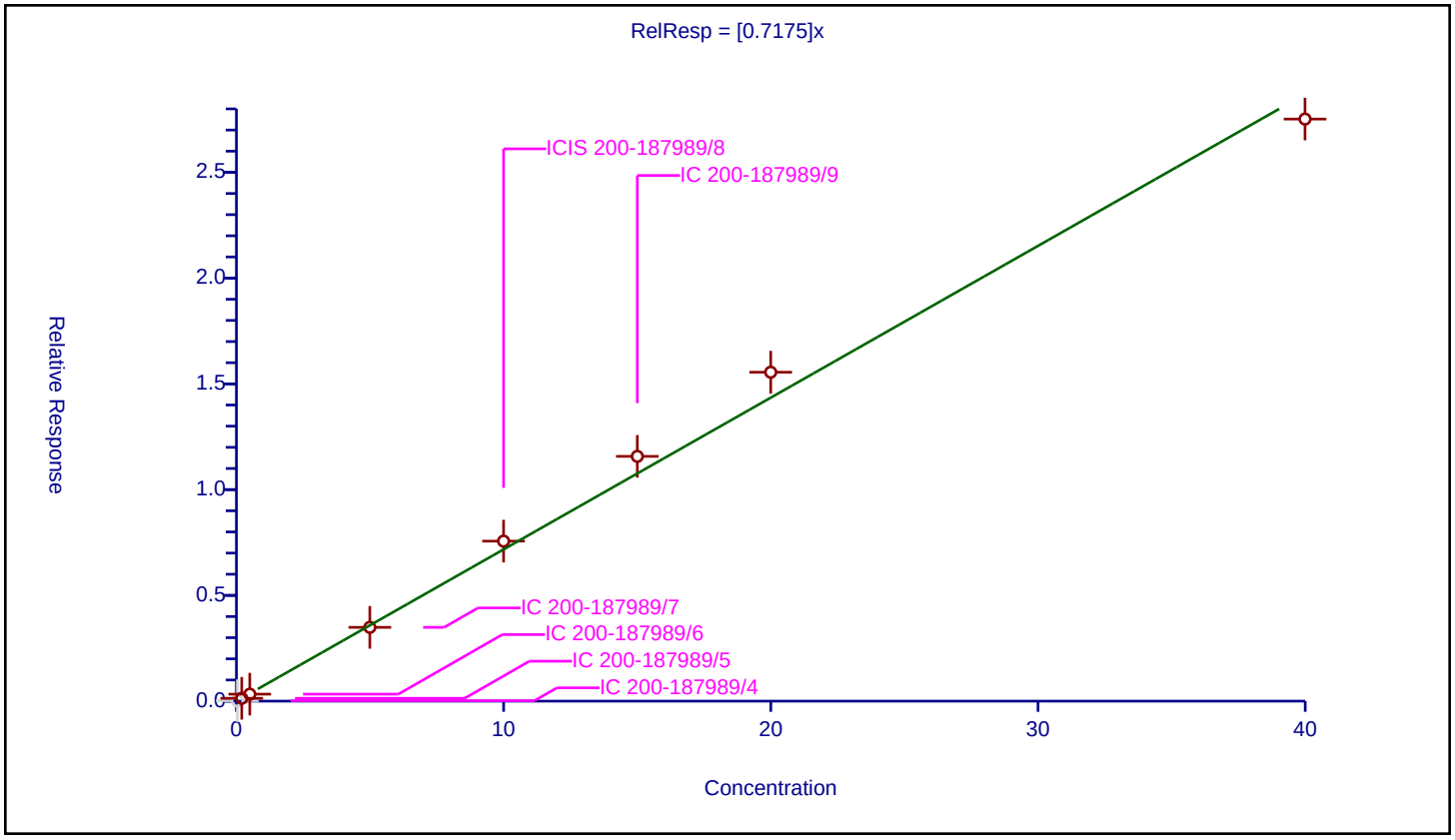
Curve Coefficients

Intercept:	0
Slope:	0.7175

Error Coefficients

Standard Error:	717000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.022199	10.0	491458.0	0.632873	N
2	IC 200-187989/5	0.20044	0.134221	10.0	495526.0	0.669633	Y
3	IC 200-187989/6	0.500453	0.330397	10.0	490683.0	0.660196	Y
4	IC 200-187989/7	4.992563	3.488279	10.0	507921.0	0.698695	Y
5	ICIS 200-187989/8	9.99806	7.564752	10.0	505271.0	0.756622	Y
6	IC 200-187989/9	15.003557	11.572255	10.0	505465.0	0.771301	Y
7	IC 200-187989/12	19.99612	15.550338	10.0	501047.0	0.777668	Y
8	IC 200-187989/13	39.99224	27.519185	10.0	508208.0	0.688113	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

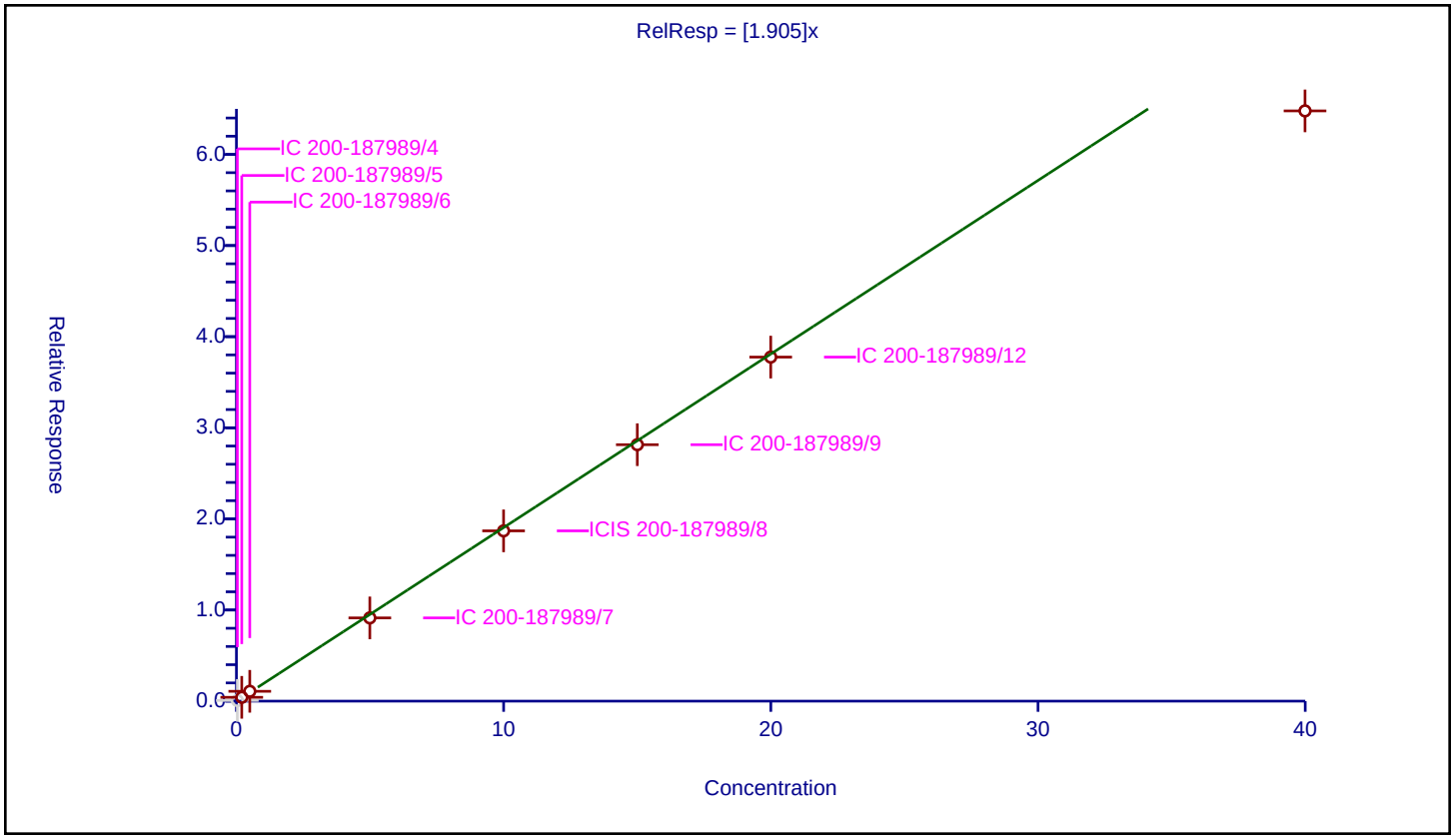
Curve Coefficients

Intercept:	0
Slope:	1.905

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	9.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.073618	10.0	491458.0	2.098749	N
2	IC 200-187989/5	0.20044	0.420059	10.0	495526.0	2.095686	Y
3	IC 200-187989/6	0.500453	1.078782	10.0	490683.0	2.155613	Y
4	IC 200-187989/7	4.992563	9.137287	10.0	507921.0	1.83018	Y
5	ICIS 200-187989/8	9.99806	18.690406	10.0	505271.0	1.869403	Y
6	IC 200-187989/9	15.003557	28.144204	10.0	505465.0	1.875835	Y
7	IC 200-187989/12	19.99612	37.759112	10.0	501047.0	1.888322	Y
8	IC 200-187989/13	39.99224	64.781526	10.0	508208.0	1.619852	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

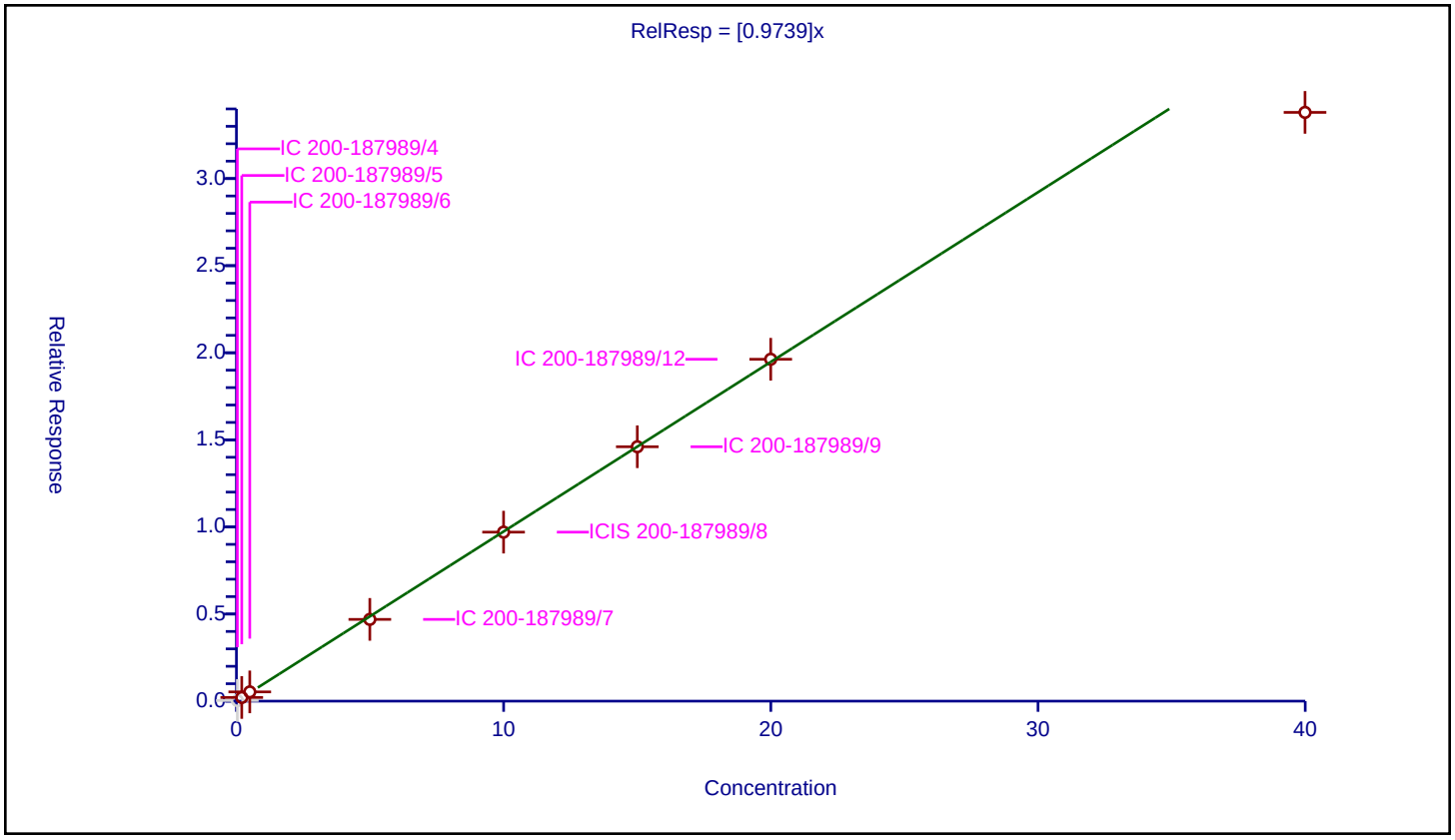
Curve Coefficients

Intercept:	0
Slope:	0.9739

Error Coefficients

Standard Error:	891000
Relative Standard Error:	7.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.036463	10.0	491458.0	1.039513	N
2	IC 200-187989/5	0.20044	0.209656	10.0	495526.0	1.045981	Y
3	IC 200-187989/6	0.500453	0.530648	10.0	490683.0	1.060336	Y
4	IC 200-187989/7	4.992563	4.693702	10.0	507921.0	0.940139	Y
5	ICIS 200-187989/8	9.99806	9.70214	10.0	505271.0	0.970402	Y
6	IC 200-187989/9	15.003557	14.603998	10.0	505465.0	0.973369	Y
7	IC 200-187989/12	19.99612	19.6277	10.0	501047.0	0.981575	Y
8	IC 200-187989/13	39.99224	33.800039	10.0	508208.0	0.845165	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

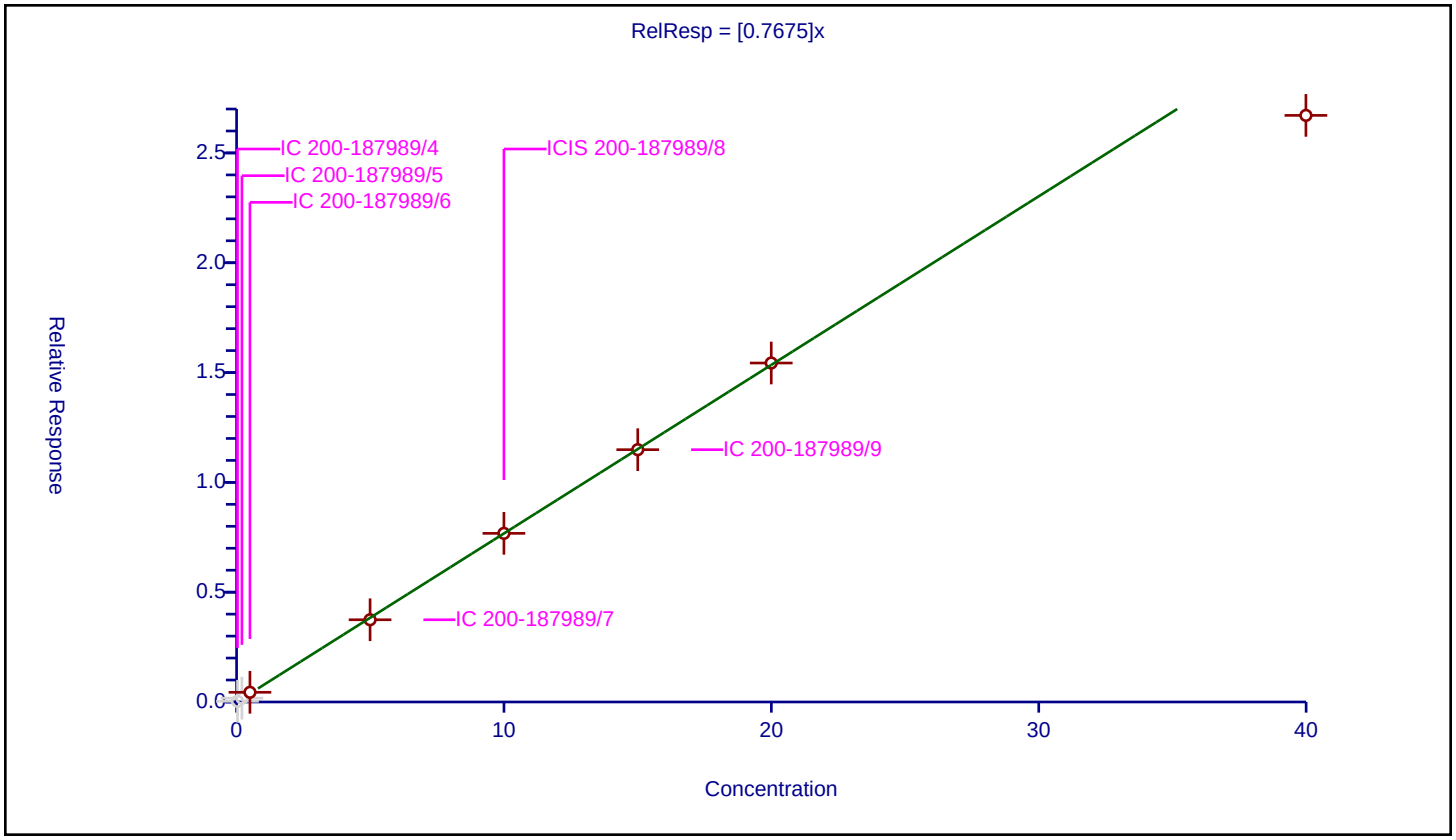
Curve Coefficients

Intercept:	0
Slope:	0.7675

Error Coefficients

Standard Error:	770000
Relative Standard Error:	8.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.033614	10.0	491458.0	0.958301	N
2	IC 200-187989/5	0.20044	0.17436	10.0	495526.0	0.869889	N
3	IC 200-187989/6	0.500453	0.441161	10.0	490683.0	0.881523	Y
4	IC 200-187989/7	4.992563	3.744283	10.0	507921.0	0.749972	Y
5	ICIS 200-187989/8	9.99806	7.678572	10.0	505271.0	0.768006	Y
6	IC 200-187989/9	15.003557	11.488906	10.0	505465.0	0.765746	Y
7	IC 200-187989/12	19.99612	15.434101	10.0	501047.0	0.771855	Y
8	IC 200-187989/13	39.99224	26.709202	10.0	508208.0	0.66786	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

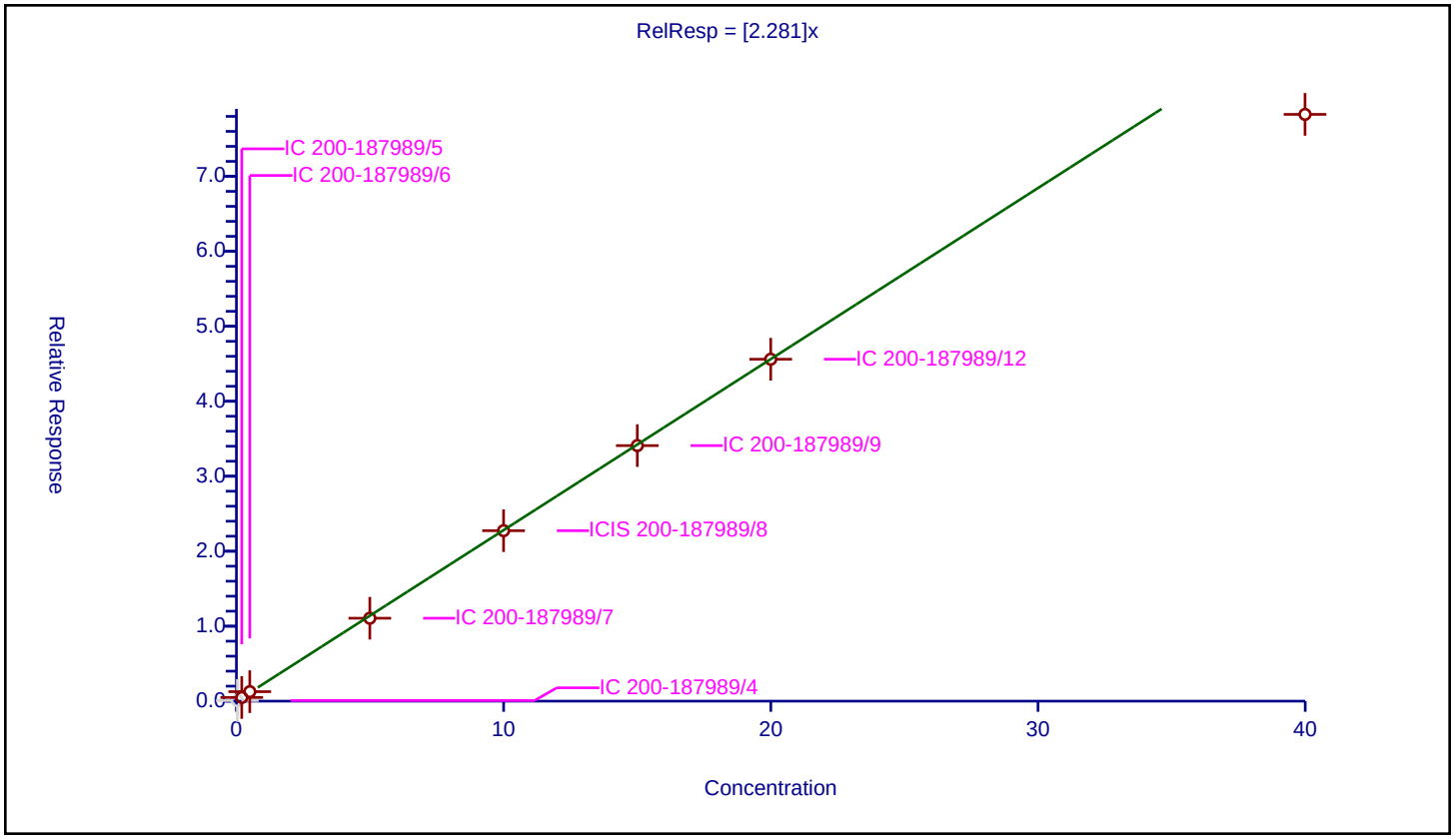
Curve Coefficients

Intercept:	0
Slope:	2.281

Error Coefficients

Standard Error:	2070000
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 200-187989/4	0.035077	0.079112	10.0	491458.0	2.255372	N
2	IC 200-187989/5	0.20044	0.488915	10.0	495526.0	2.439212	Y
3	IC 200-187989/6	0.500453	1.266826	10.0	490683.0	2.531361	Y
4	IC 200-187989/7	4.992563	11.062212	10.0	507921.0	2.215738	Y
5	ICIS 200-187989/8	9.99806	22.734651	10.0	505271.0	2.273906	Y
6	IC 200-187989/9	15.003557	34.08602	10.0	505465.0	2.271863	Y
7	IC 200-187989/12	19.99612	45.607717	10.0	501047.0	2.280828	Y
8	IC 200-187989/13	39.99224	78.267461	10.0	508208.0	1.957066	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

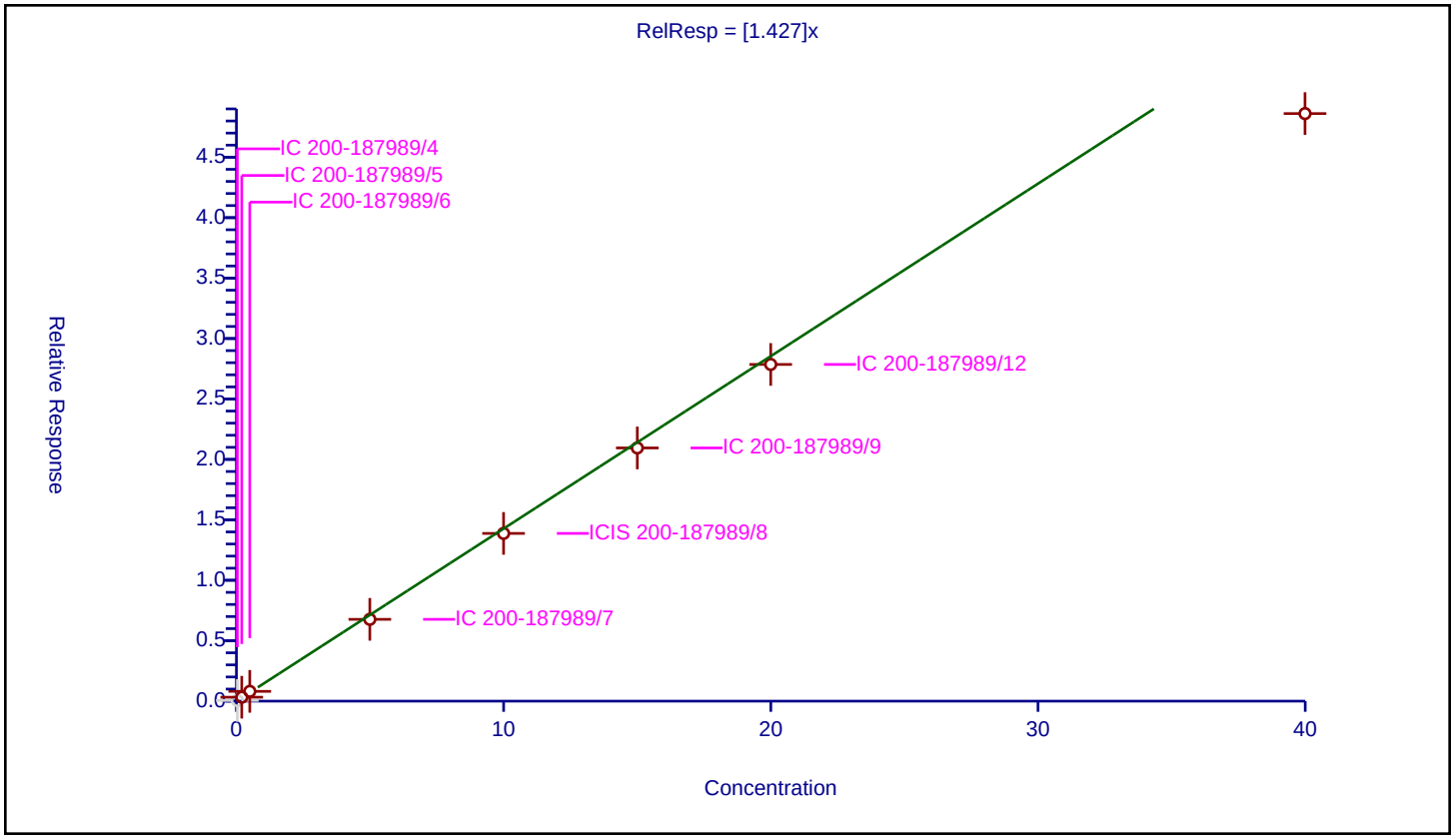
Curve Coefficients

Intercept:	0
Slope:	1.427

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	10.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.055447	10.0	491458.0	1.580732	N
2	IC 200-187989/5	0.20044	0.325533	10.0	495526.0	1.624094	Y
3	IC 200-187989/6	0.500453	0.809341	10.0	490683.0	1.617219	Y
4	IC 200-187989/7	4.992563	6.768494	10.0	507921.0	1.355715	Y
5	ICIS 200-187989/8	9.99806	13.877424	10.0	505271.0	1.388012	Y
6	IC 200-187989/9	15.003557	20.948711	10.0	505465.0	1.39625	Y
7	IC 200-187989/12	19.99612	27.85593	10.0	501047.0	1.393067	Y
8	IC 200-187989/13	39.99224	48.612596	10.0	508208.0	1.215551	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

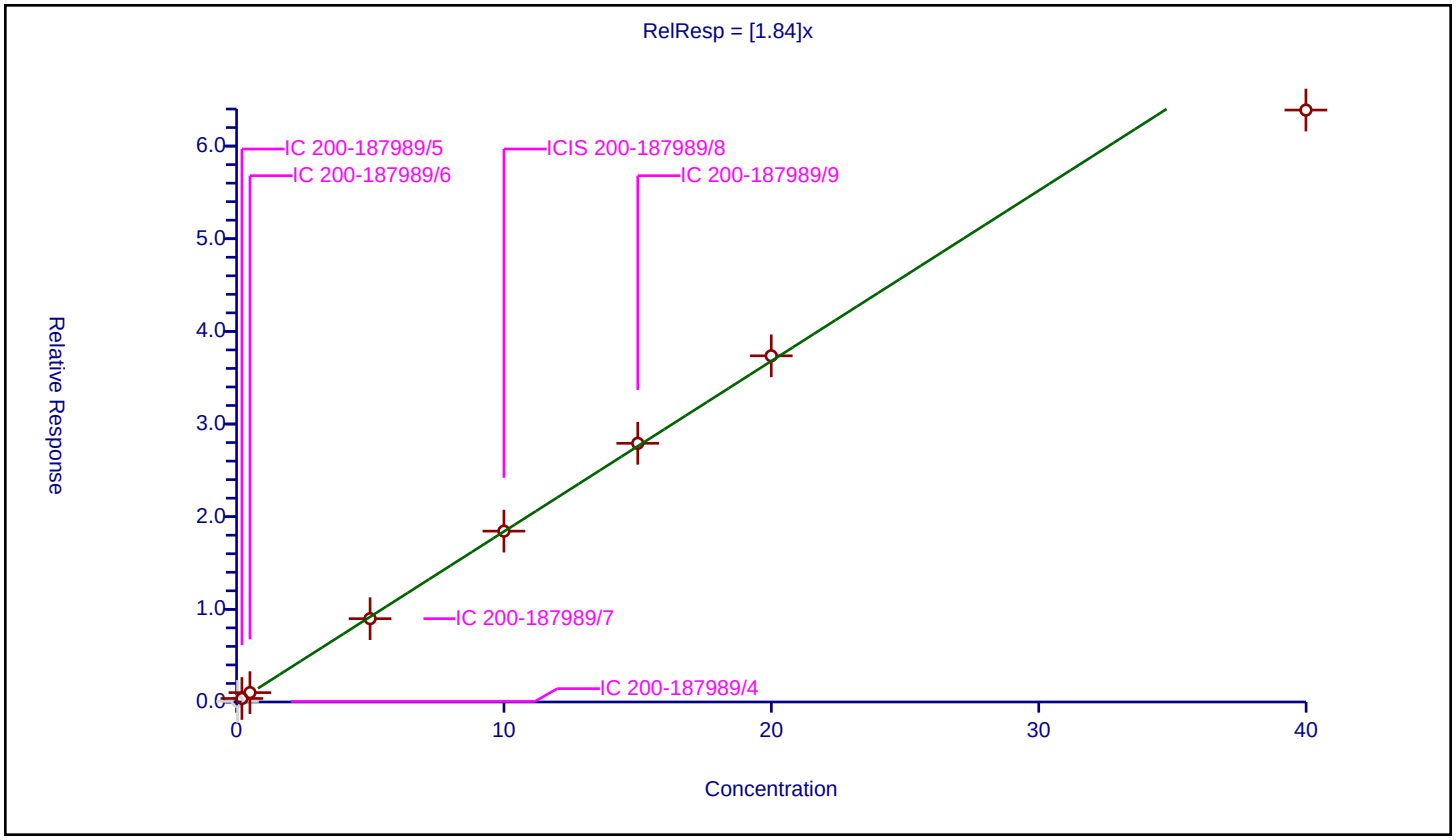
Curve Coefficients

Intercept:	0
Slope:	1.84

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	6.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.058784	10.0	491458.0	1.675866	N
2	IC 200-187989/5	0.20044	0.37774	10.0	495526.0	1.884557	Y
3	IC 200-187989/6	0.500453	1.012344	10.0	490683.0	2.022857	Y
4	IC 200-187989/7	4.992563	8.993072	10.0	507921.0	1.801294	Y
5	ICIS 200-187989/8	9.99806	18.440936	10.0	505271.0	1.844451	Y
6	IC 200-187989/9	15.003557	27.918887	10.0	505465.0	1.860818	Y
7	IC 200-187989/12	19.99612	37.362403	10.0	501047.0	1.868483	Y
8	IC 200-187989/13	39.99224	63.888014	10.0	508208.0	1.59751	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

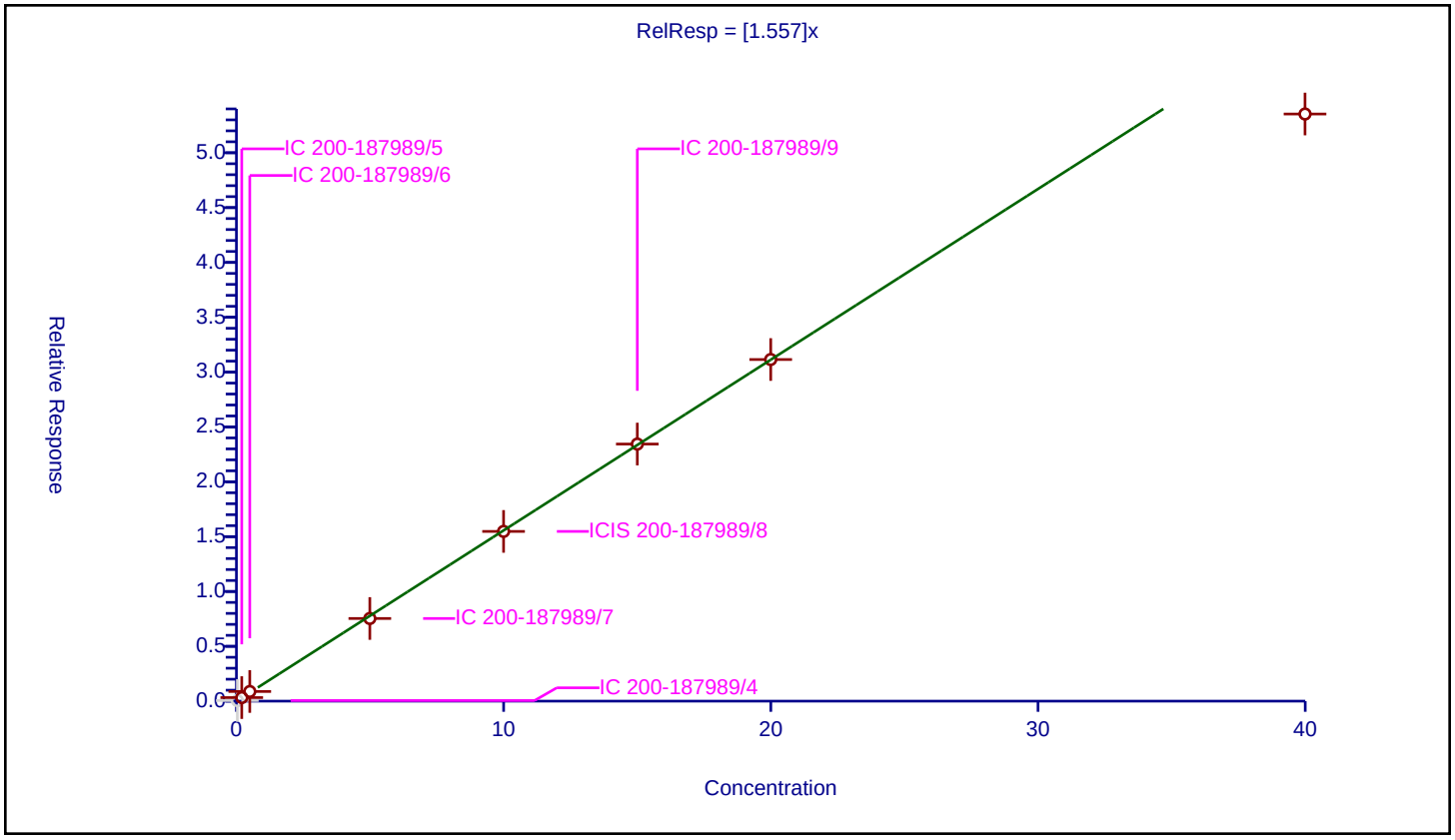
Curve Coefficients

Intercept:	0
Slope:	1.557

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	8.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.05388	10.0	491458.0	1.536066	N
2	IC 200-187989/5	0.20044	0.325291	10.0	495526.0	1.622886	Y
3	IC 200-187989/6	0.500453	0.879386	10.0	490683.0	1.757182	Y
4	IC 200-187989/7	4.992563	7.537786	10.0	507921.0	1.509803	Y
5	ICIS 200-187989/8	9.99806	15.475438	10.0	505271.0	1.547844	Y
6	IC 200-187989/9	15.003557	23.439823	10.0	505465.0	1.562284	Y
7	IC 200-187989/12	19.99612	31.148974	10.0	501047.0	1.557751	Y
8	IC 200-187989/13	39.99224	53.533219	10.0	508208.0	1.33859	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

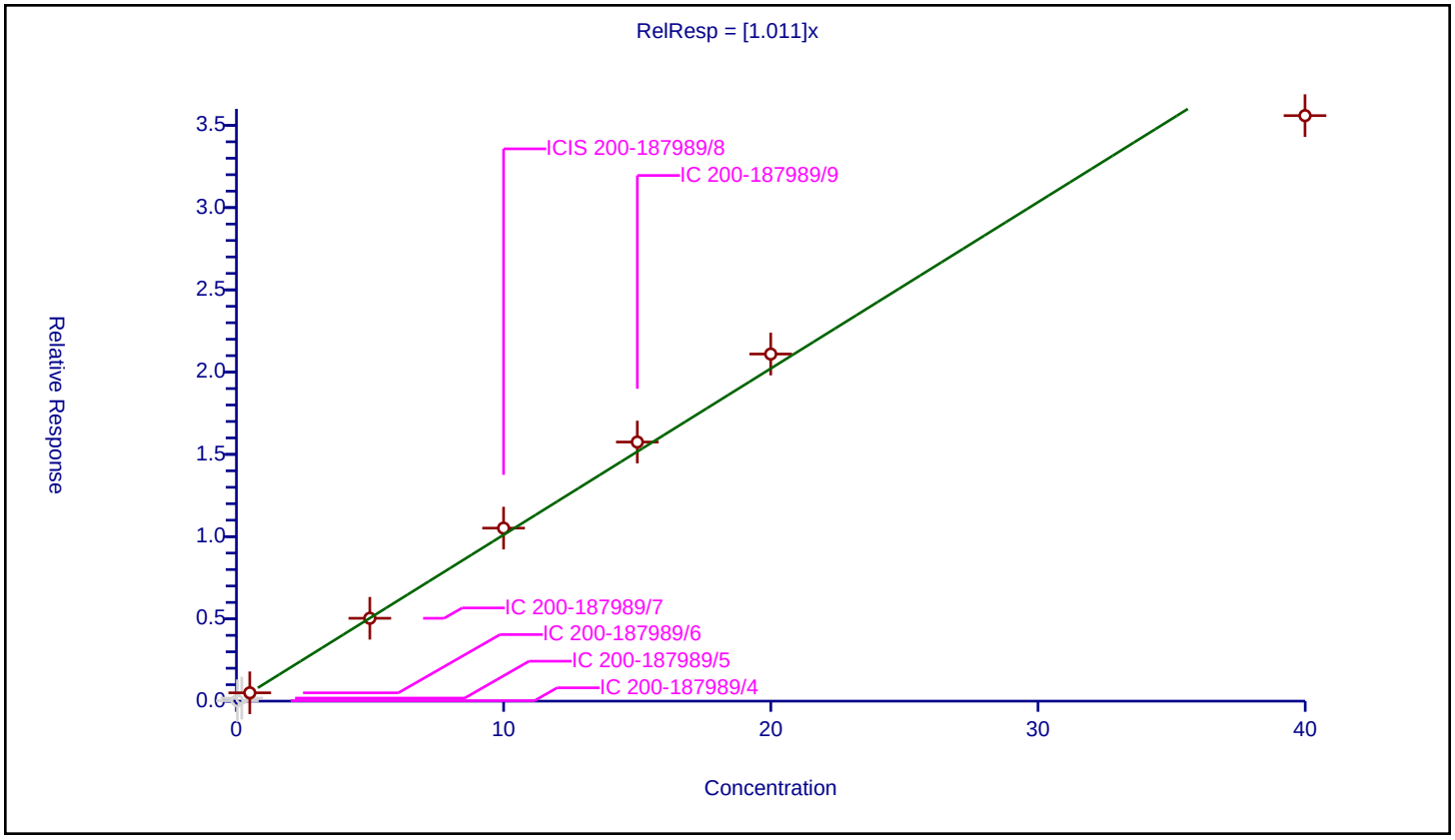
Curve Coefficients

Intercept:	0
Slope:	1.011

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	6.2
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.025903	10.0	491458.0	0.738449	N
2	IC 200-187989/5	0.20044	0.184592	10.0	495526.0	0.920934	N
3	IC 200-187989/6	0.500453	0.505499	10.0	490683.0	1.010085	Y
4	IC 200-187989/7	4.992563	5.03787	10.0	507921.0	1.009075	Y
5	ICIS 200-187989/8	9.99806	10.517485	10.0	505271.0	1.051953	Y
6	IC 200-187989/9	15.003557	15.750744	10.0	505465.0	1.049801	Y
7	IC 200-187989/12	19.99612	21.09852	10.0	501047.0	1.055131	Y
8	IC 200-187989/13	39.99224	35.590998	10.0	508208.0	0.889948	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

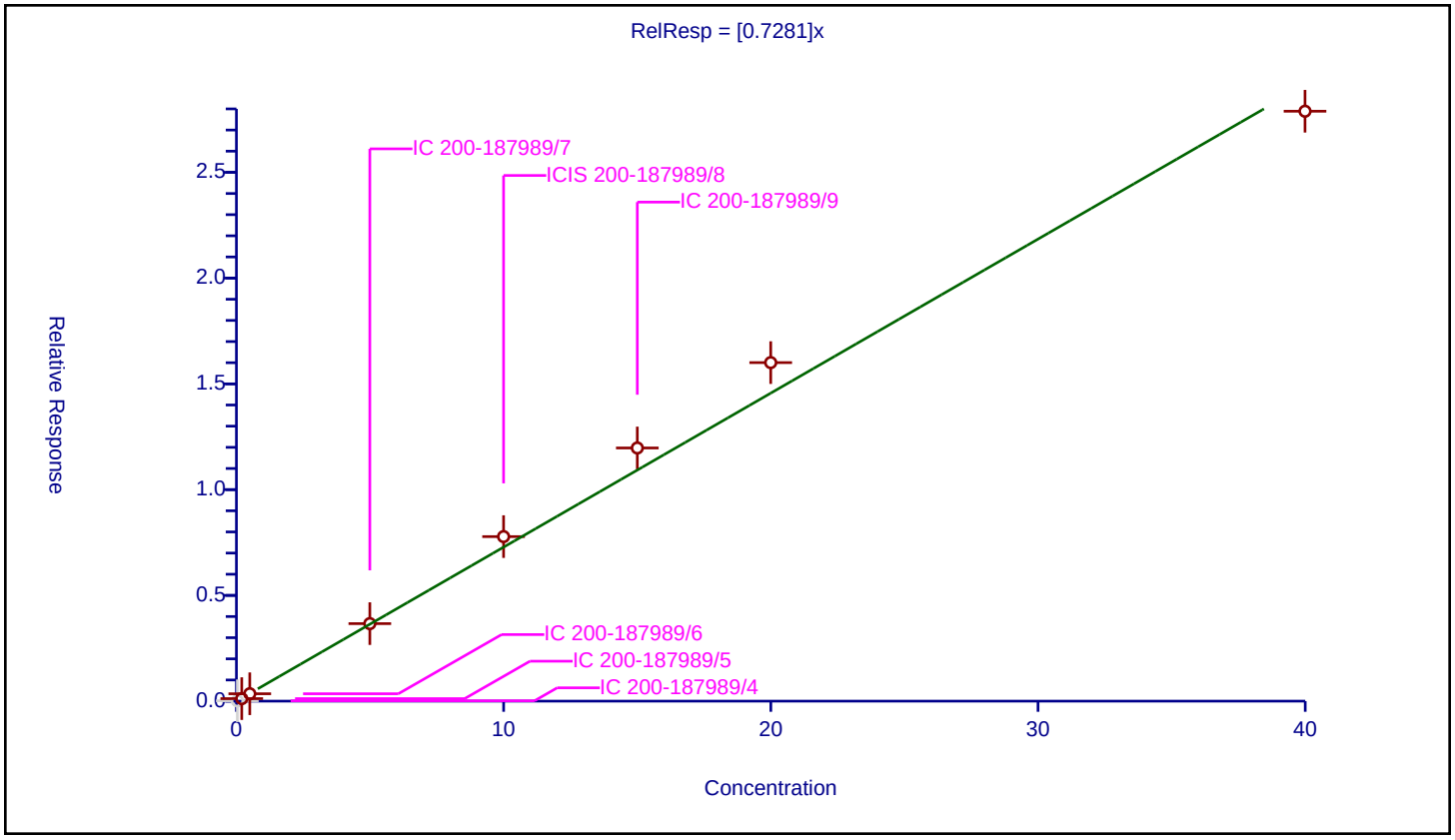
Curve Coefficients

Intercept:	0
Slope:	0.7281

Error Coefficients

Standard Error:	731000
Relative Standard Error:	10.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.016461	10.0	491458.0	0.469289	N
2	IC 200-187989/5	0.20044	0.11846	10.0	495526.0	0.591001	Y
3	IC 200-187989/6	0.500453	0.349574	10.0	490683.0	0.698516	Y
4	IC 200-187989/7	4.992563	3.664428	10.0	507921.0	0.733977	Y
5	ICIS 200-187989/8	9.99806	7.778499	10.0	505271.0	0.778001	Y
6	IC 200-187989/9	15.003557	11.968821	10.0	505465.0	0.797732	Y
7	IC 200-187989/12	19.99612	16.005325	10.0	501047.0	0.800422	Y
8	IC 200-187989/13	39.99224	27.888581	10.0	508208.0	0.69735	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

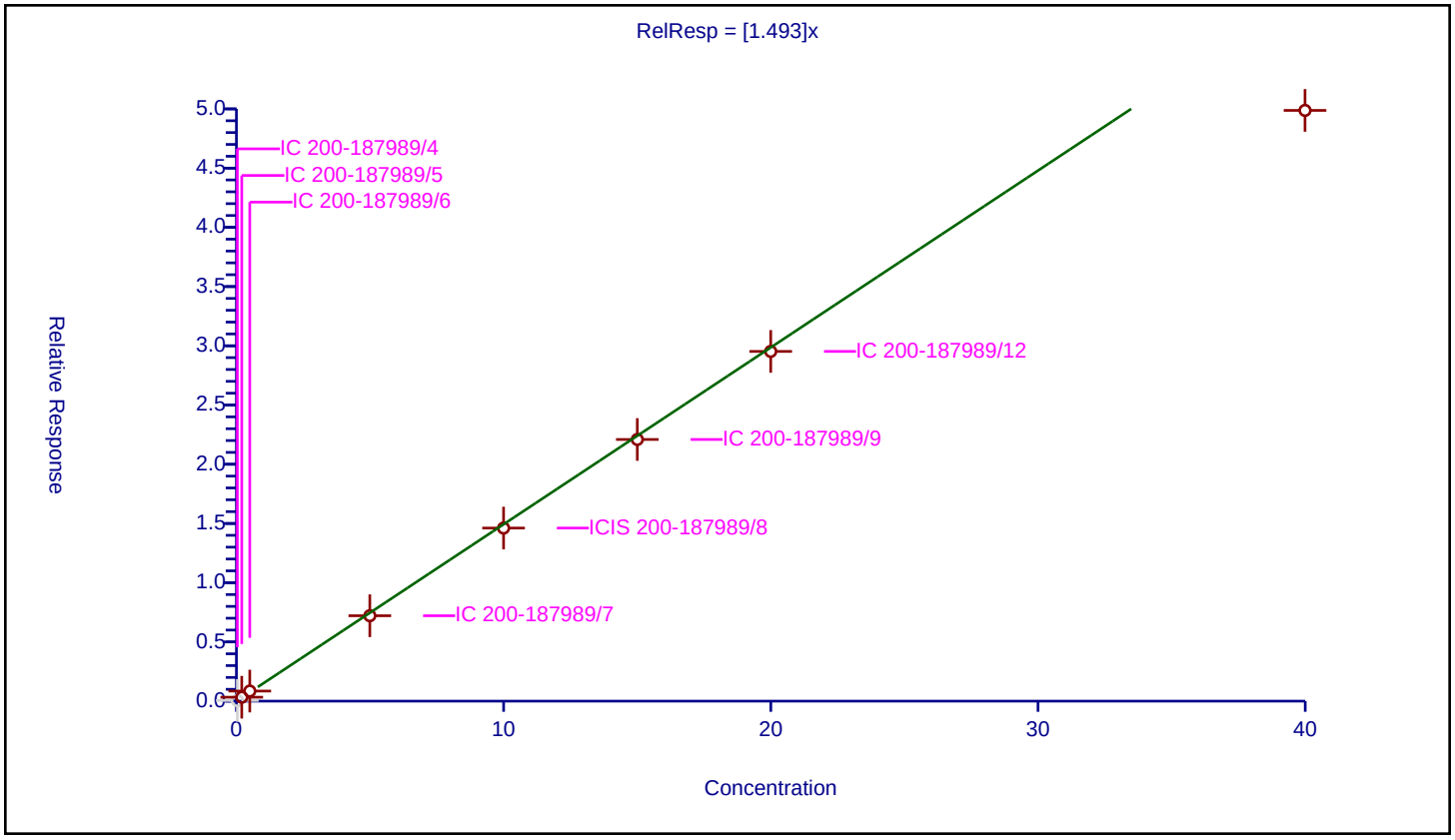
Curve Coefficients

Intercept:	0
Slope:	1.493

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	9.9
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.056119	10.0	491458.0	1.599875	N
2	IC 200-187989/5	0.20044	0.330961	10.0	495526.0	1.651177	Y
3	IC 200-187989/6	0.500453	0.850142	10.0	490683.0	1.698745	Y
4	IC 200-187989/7	4.992563	7.21061	10.0	507921.0	1.44427	Y
5	ICIS 200-187989/8	9.99806	14.611347	10.0	505271.0	1.461418	Y
6	IC 200-187989/9	15.003557	22.091421	10.0	505465.0	1.472412	Y
7	IC 200-187989/12	19.99612	29.525733	10.0	501047.0	1.476573	Y
8	IC 200-187989/13	39.99224	49.871293	10.0	508208.0	1.247024	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

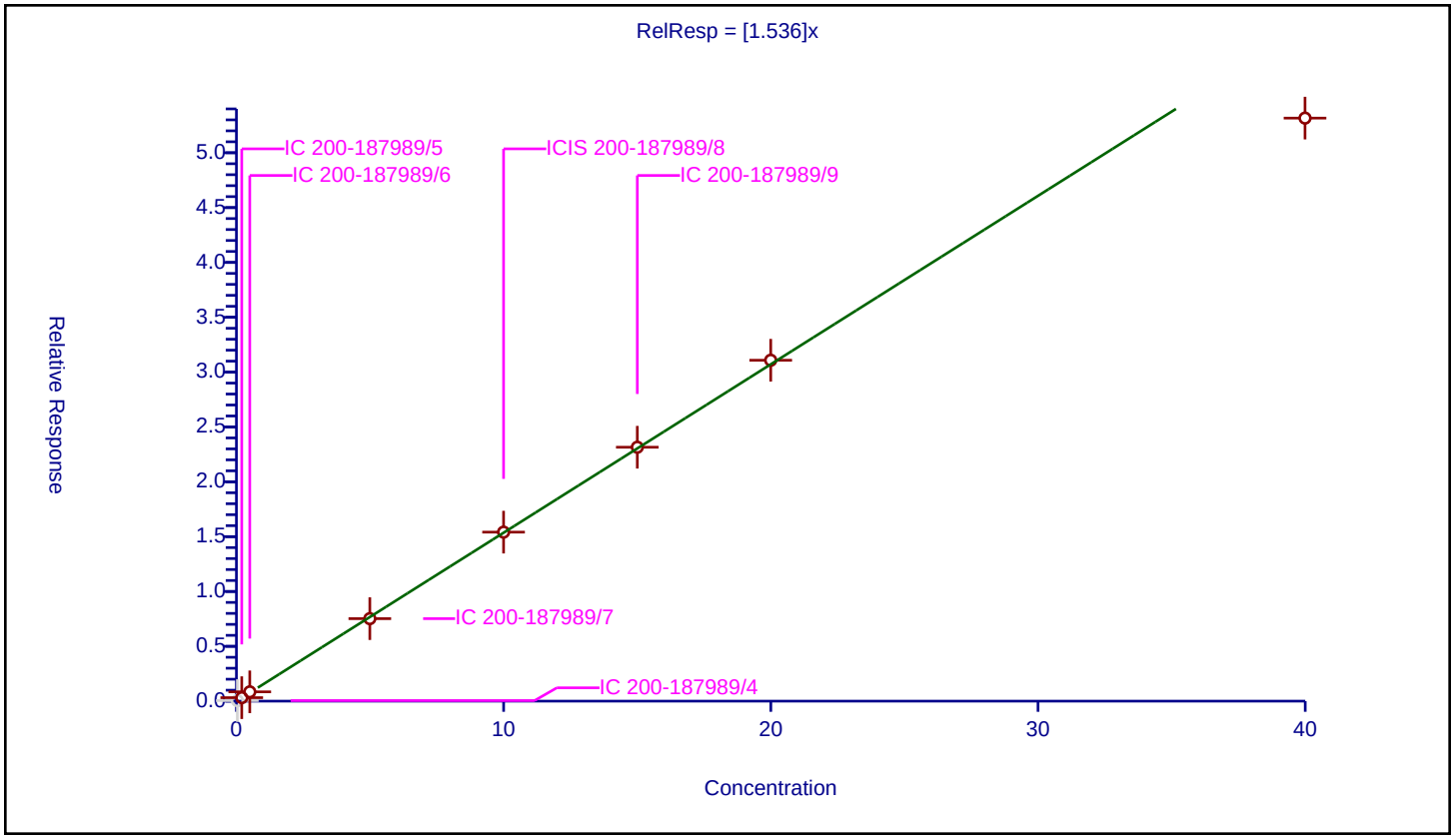
Curve Coefficients

Intercept:	0
Slope:	1.536

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	7.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.050218	10.0	491458.0	1.431651	N
2	IC 200-187989/5	0.20044	0.316149	10.0	495526.0	1.577277	Y
3	IC 200-187989/6	0.500453	0.849897	10.0	490683.0	1.698257	Y
4	IC 200-187989/7	4.992563	7.521563	10.0	507921.0	1.506554	Y
5	ICIS 200-187989/8	9.99806	15.409671	10.0	505271.0	1.541266	Y
6	IC 200-187989/9	15.003557	23.151375	10.0	505465.0	1.543059	Y
7	IC 200-187989/12	19.99612	31.083551	10.0	501047.0	1.554479	Y
8	IC 200-187989/13	39.99224	53.159258	10.0	508208.0	1.329239	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

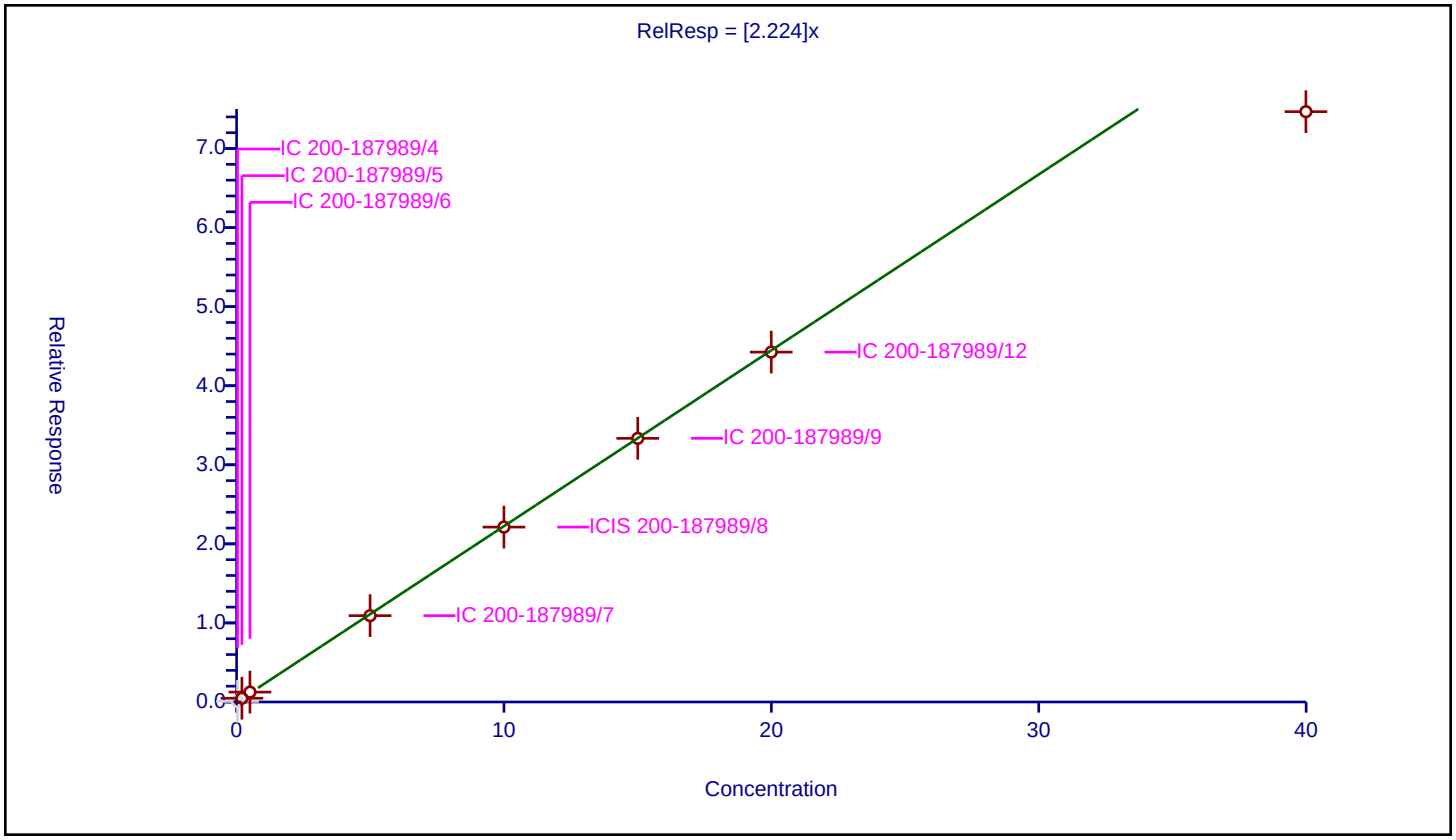
Curve Coefficients

Intercept:	0
Slope:	2.224

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	8.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.078725	10.0	491458.0	2.24435	N
2	IC 200-187989/5	0.20044	0.475111	10.0	495526.0	2.370346	Y
3	IC 200-187989/6	0.500453	1.249218	10.0	490683.0	2.496176	Y
4	IC 200-187989/7	4.992563	10.918351	10.0	507921.0	2.186923	Y
5	ICIS 200-187989/8	9.99806	22.121555	10.0	505271.0	2.212585	Y
6	IC 200-187989/9	15.003557	33.34581	10.0	505465.0	2.222527	Y
7	IC 200-187989/12	19.99612	44.251916	10.0	501047.0	2.213025	Y
8	IC 200-187989/13	39.99224	74.66557	10.0	508208.0	1.867001	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

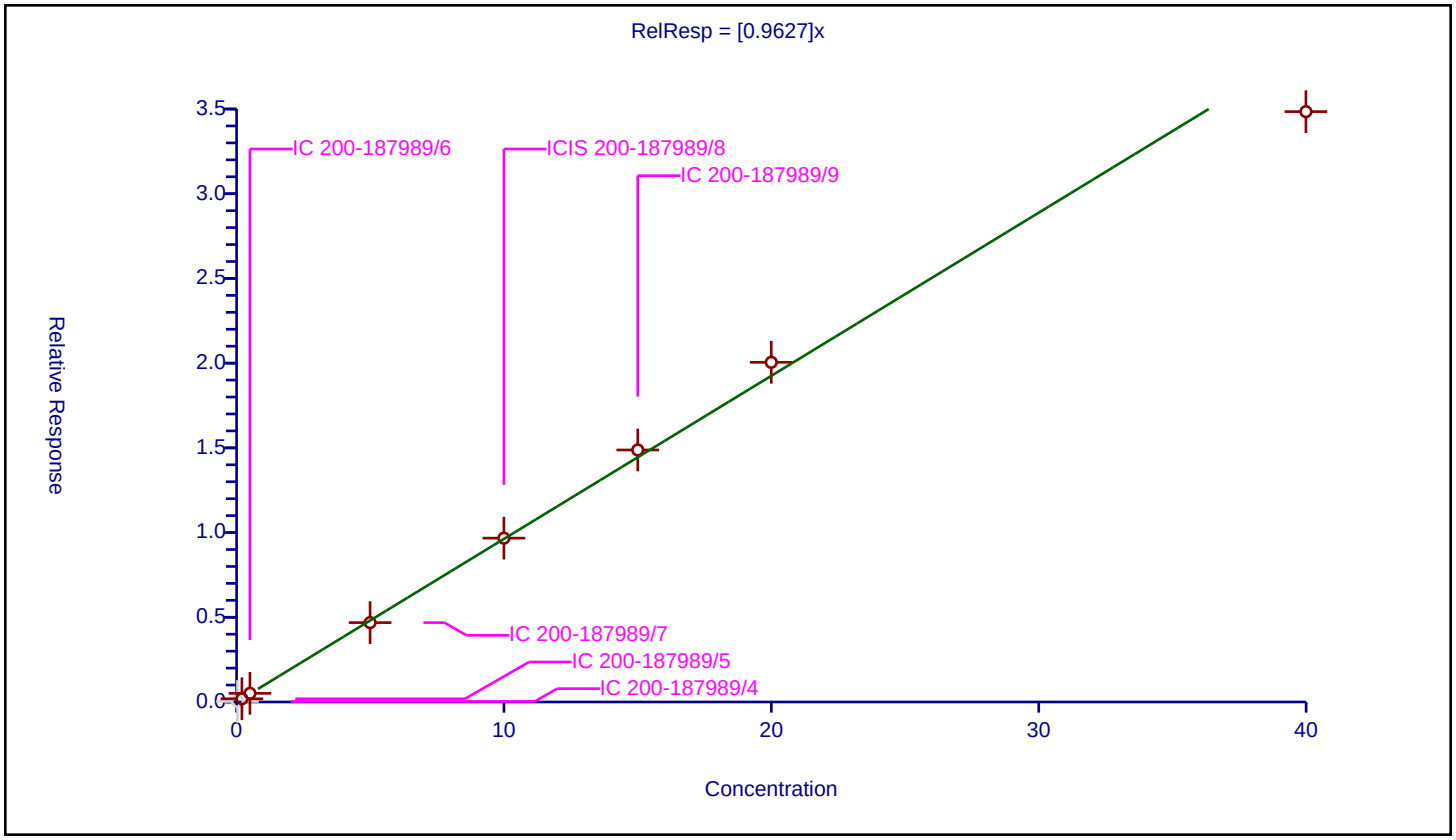
Curve Coefficients

Intercept:	0
Slope:	0.9627

Error Coefficients

Standard Error:	913000
Relative Standard Error:	5.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.032678	10.0	491458.0	0.931617	N
2	IC 200-187989/5	0.20044	0.190182	10.0	495526.0	0.948823	Y
3	IC 200-187989/6	0.500453	0.509902	10.0	490683.0	1.018881	Y
4	IC 200-187989/7	4.992563	4.68437	10.0	507921.0	0.93827	Y
5	ICIS 200-187989/8	9.99806	9.671622	10.0	505271.0	0.96735	Y
6	IC 200-187989/9	15.003557	14.874423	10.0	505465.0	0.991393	Y
7	IC 200-187989/12	19.99612	20.049856	10.0	501047.0	1.002687	Y
8	IC 200-187989/13	39.99224	34.84587	10.0	508208.0	0.871316	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

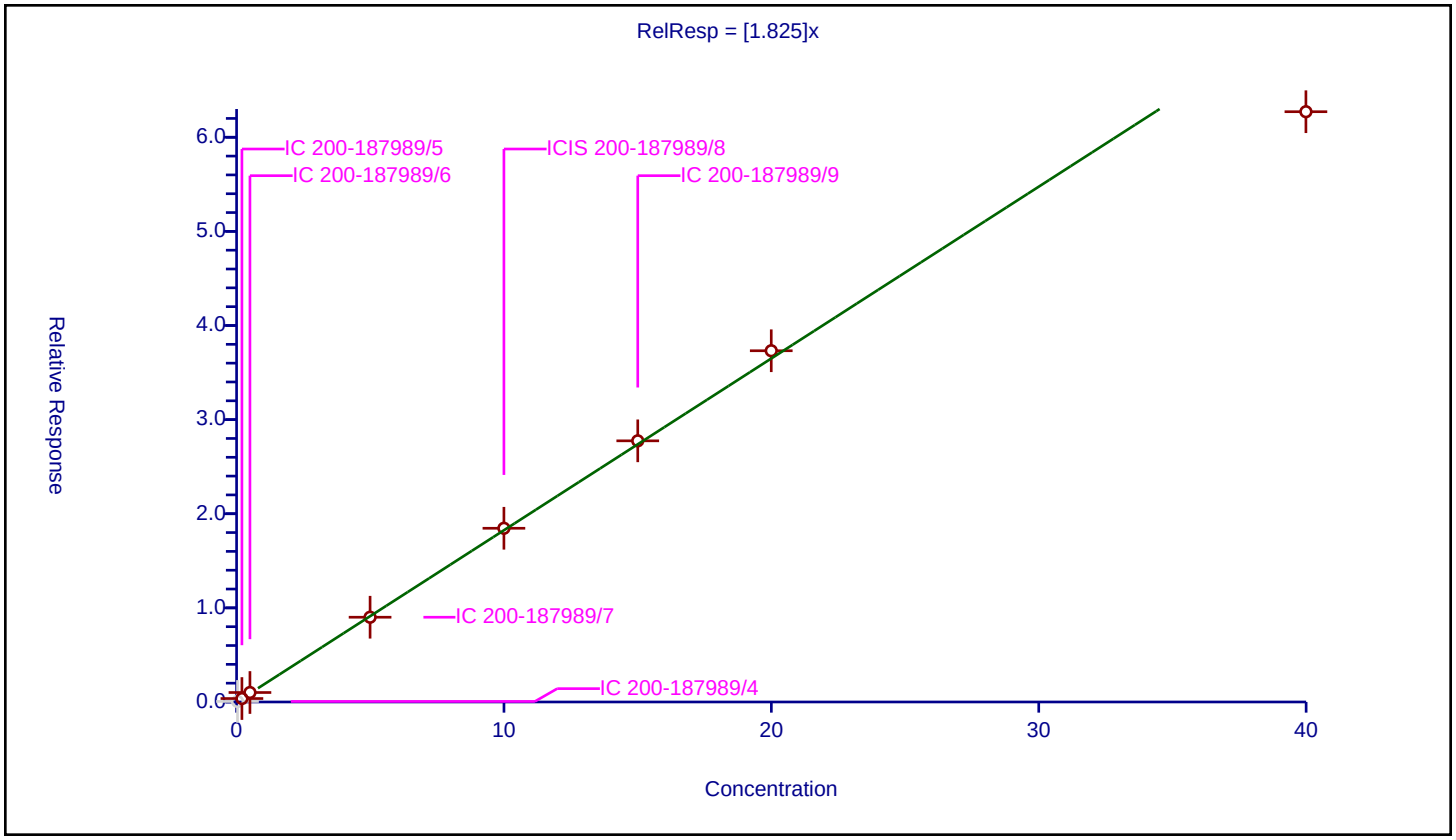
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	7.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.058296	10.0	491458.0	1.661944	N
2	IC 200-187989/5	0.20044	0.366399	10.0	495526.0	1.827974	Y
3	IC 200-187989/6	0.500453	1.007412	10.0	490683.0	2.013002	Y
4	IC 200-187989/7	4.992563	9.006578	10.0	507921.0	1.803999	Y
5	ICIS 200-187989/8	9.99806	18.456076	10.0	505271.0	1.845966	Y
6	IC 200-187989/9	15.003557	27.74752	10.0	505465.0	1.849396	Y
7	IC 200-187989/12	19.99612	37.316659	10.0	501047.0	1.866195	Y
8	IC 200-187989/13	39.99224	62.712905	10.0	508208.0	1.568127	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

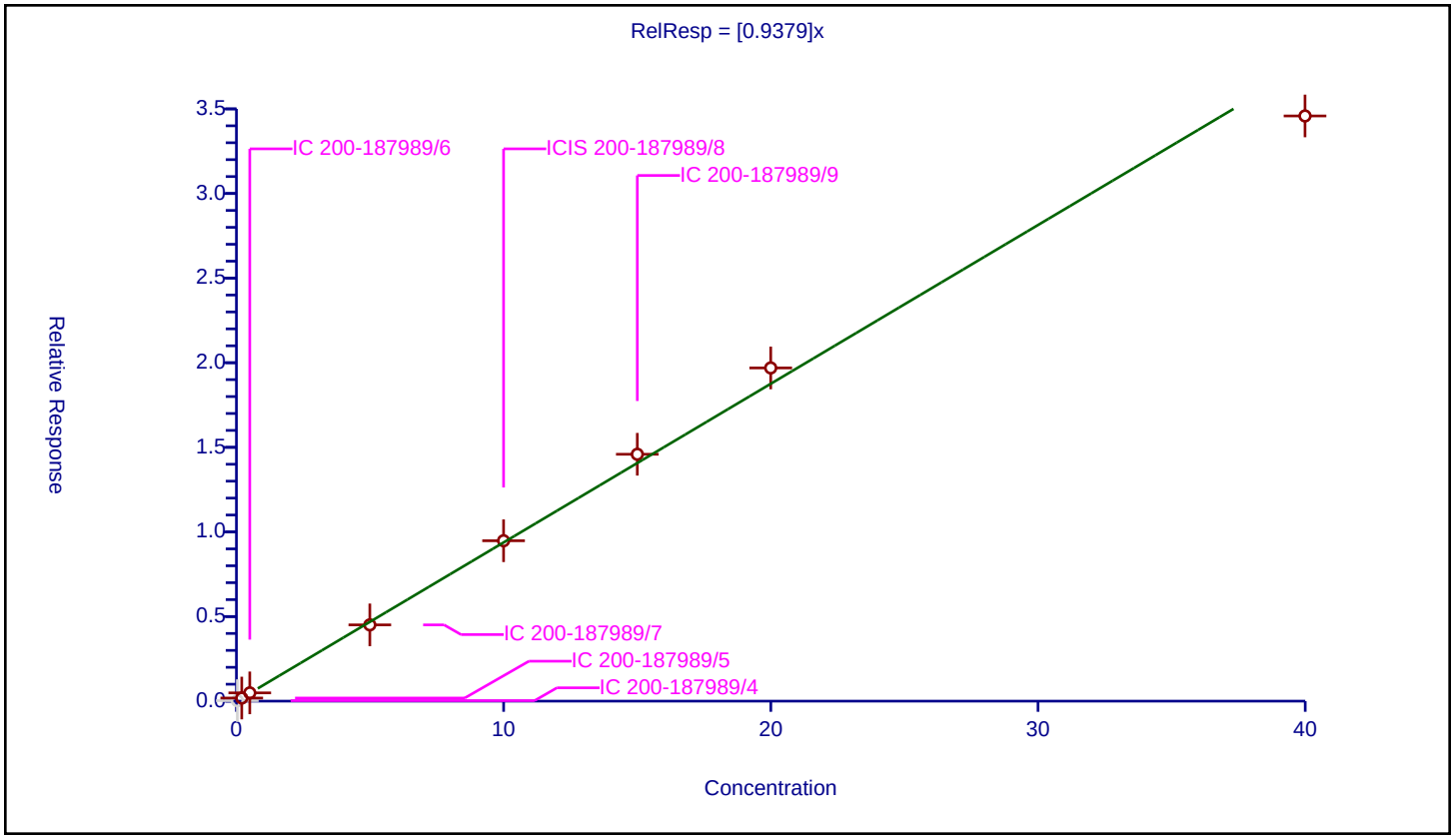
Curve Coefficients

Intercept:	0
Slope:	0.9379

Error Coefficients

Standard Error:	903000
Relative Standard Error:	4.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.029545	10.0	491458.0	0.842284	N
2	IC 200-187989/5	0.20044	0.183885	10.0	495526.0	0.91741	Y
3	IC 200-187989/6	0.500453	0.488034	10.0	490683.0	0.975185	Y
4	IC 200-187989/7	4.992563	4.507295	10.0	507921.0	0.902802	Y
5	ICIS 200-187989/8	9.99806	9.478597	10.0	505271.0	0.948044	Y
6	IC 200-187989/9	15.003557	14.589418	10.0	505465.0	0.972397	Y
7	IC 200-187989/12	19.99612	19.692105	10.0	501047.0	0.984796	Y
8	IC 200-187989/13	39.99224	34.58336	10.0	508208.0	0.864752	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

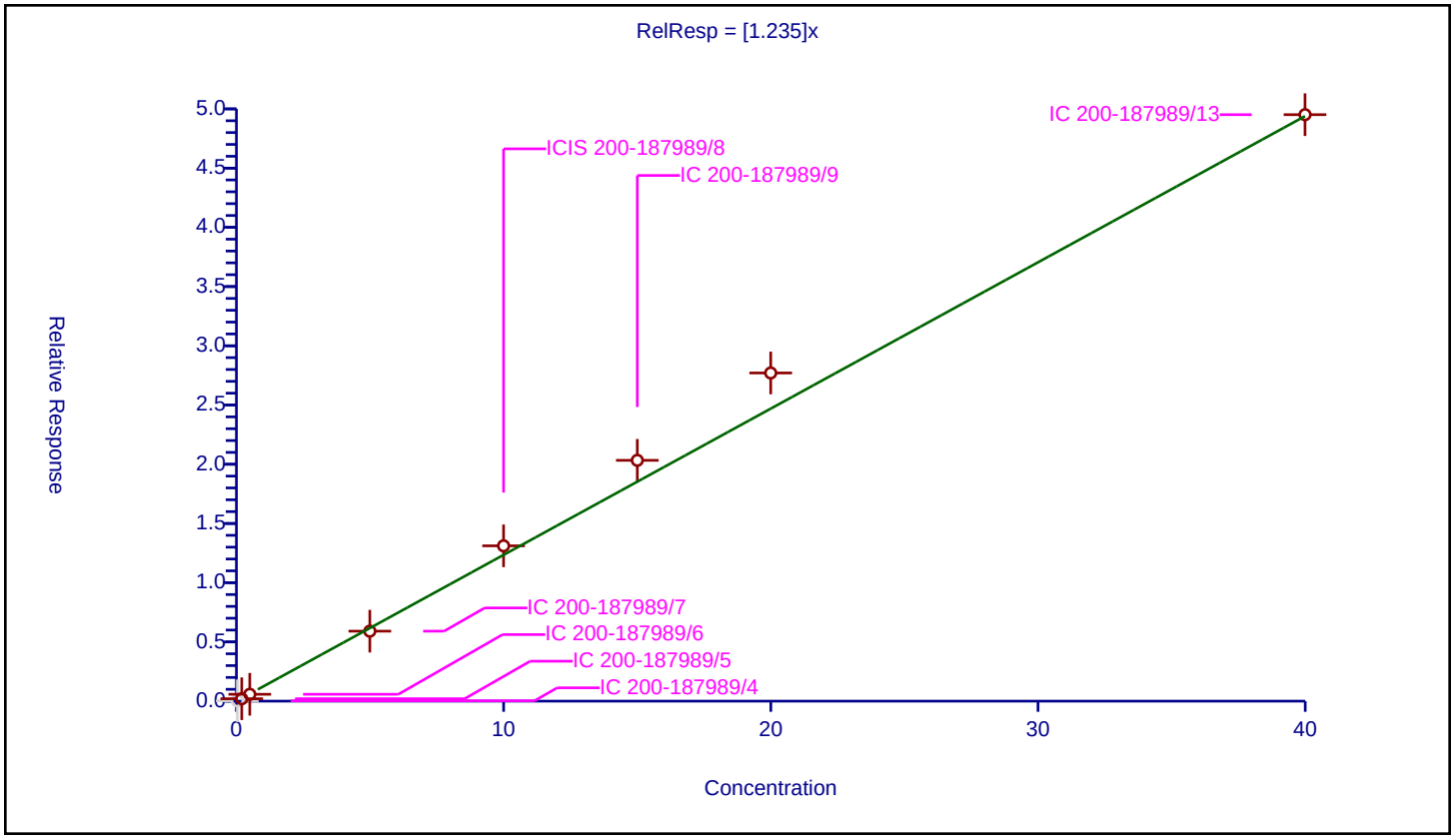
Curve Coefficients

Intercept:	0
Slope:	1.235

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	10.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.030033	10.0	491458.0	0.856206	N
2	IC 200-187989/5	0.20044	0.203521	10.0	495526.0	1.015373	Y
3	IC 200-187989/6	0.500453	0.578133	10.0	490683.0	1.15522	Y
4	IC 200-187989/7	4.992563	5.908596	10.0	507921.0	1.18348	Y
5	ICIS 200-187989/8	9.99806	13.112627	10.0	505271.0	1.311517	Y
6	IC 200-187989/9	15.003557	20.33025	10.0	505465.0	1.355029	Y
7	IC 200-187989/12	19.99612	27.705185	10.0	501047.0	1.385528	Y
8	IC 200-187989/13	39.99224	49.511814	10.0	508208.0	1.238036	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

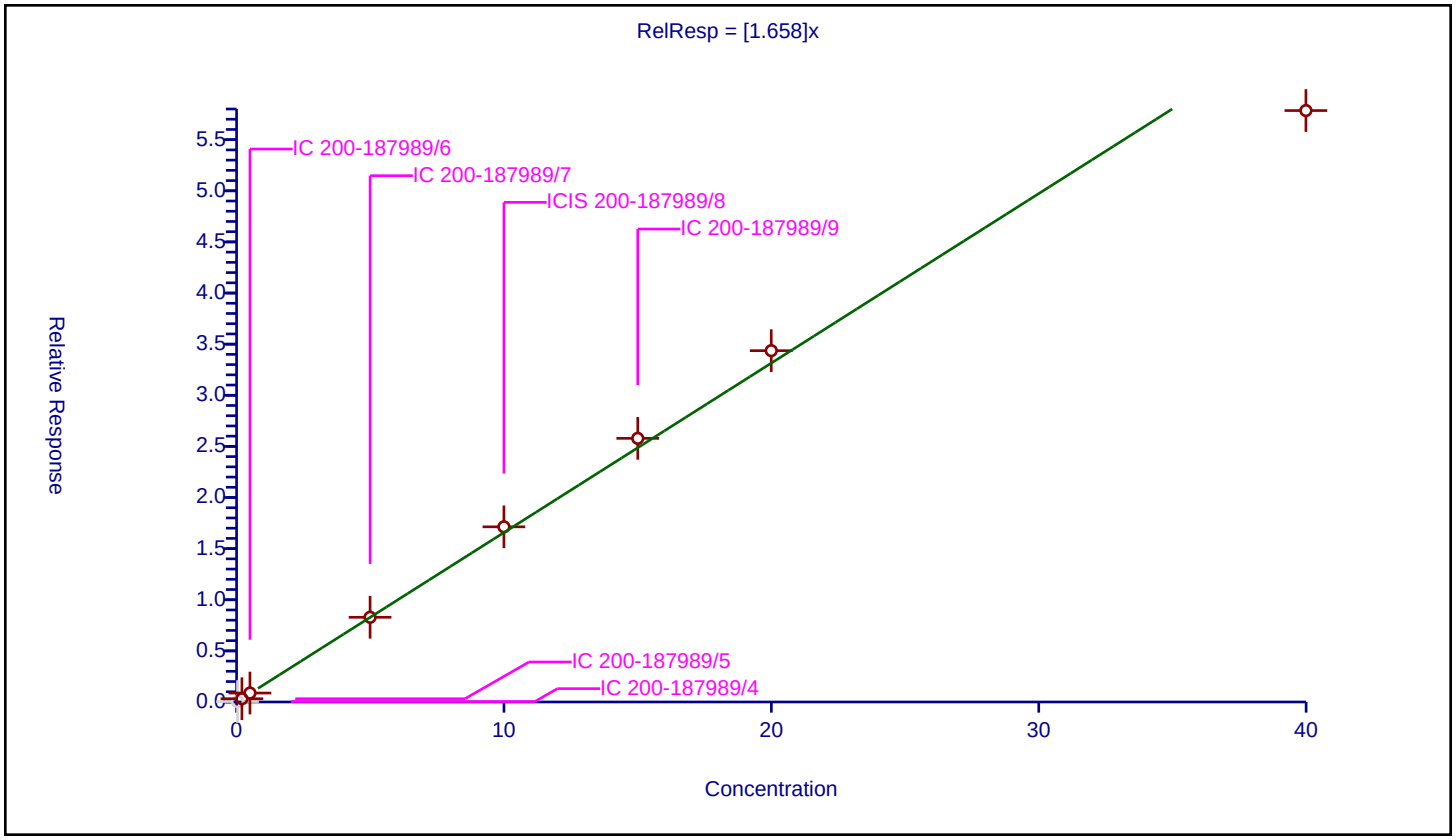
Curve Coefficients

Intercept:	0
Slope:	1.658

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	6.4
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.042465	10.0	491458.0	1.210638	N
2	IC 200-187989/5	0.20044	0.320024	10.0	495526.0	1.596608	Y
3	IC 200-187989/6	0.500453	0.875311	10.0	490683.0	1.749038	Y
4	IC 200-187989/7	4.992563	8.285383	10.0	507921.0	1.659545	Y
5	ICIS 200-187989/8	9.99806	17.132014	10.0	505271.0	1.713534	Y
6	IC 200-187989/9	15.003557	25.788294	10.0	505465.0	1.718812	Y
7	IC 200-187989/12	19.99612	34.363343	10.0	501047.0	1.718501	Y
8	IC 200-187989/13	39.99224	57.849719	10.0	508208.0	1.446524	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

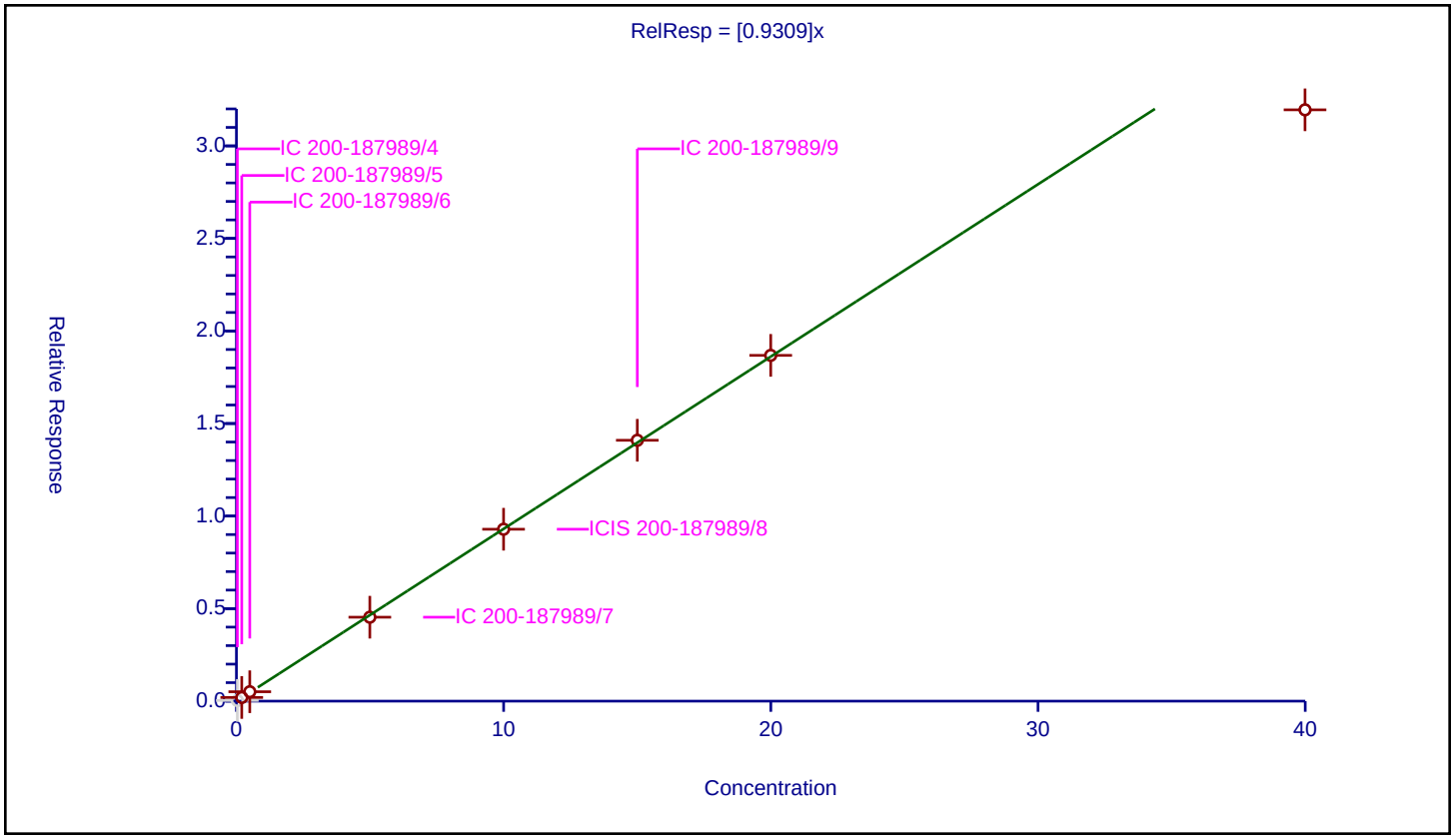
Curve Coefficients

Intercept:	0
Slope:	0.9309

Error Coefficients

Standard Error:	846000
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 200-187989/4	0.035077	0.036137	10.0	491458.0	1.030232	N
2	IC 200-187989/5	0.20044	0.198294	10.0	495526.0	0.989297	Y
3	IC 200-187989/6	0.500453	0.508862	10.0	490683.0	1.016804	Y
4	IC 200-187989/7	4.992563	4.53543	10.0	507921.0	0.908437	Y
5	ICIS 200-187989/8	9.99806	9.287907	10.0	505271.0	0.928971	Y
6	IC 200-187989/9	15.003557	14.094903	10.0	505465.0	0.939437	Y
7	IC 200-187989/12	19.99612	18.682419	10.0	501047.0	0.934302	Y
8	IC 200-187989/13	39.99224	31.949379	10.0	508208.0	0.798889	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

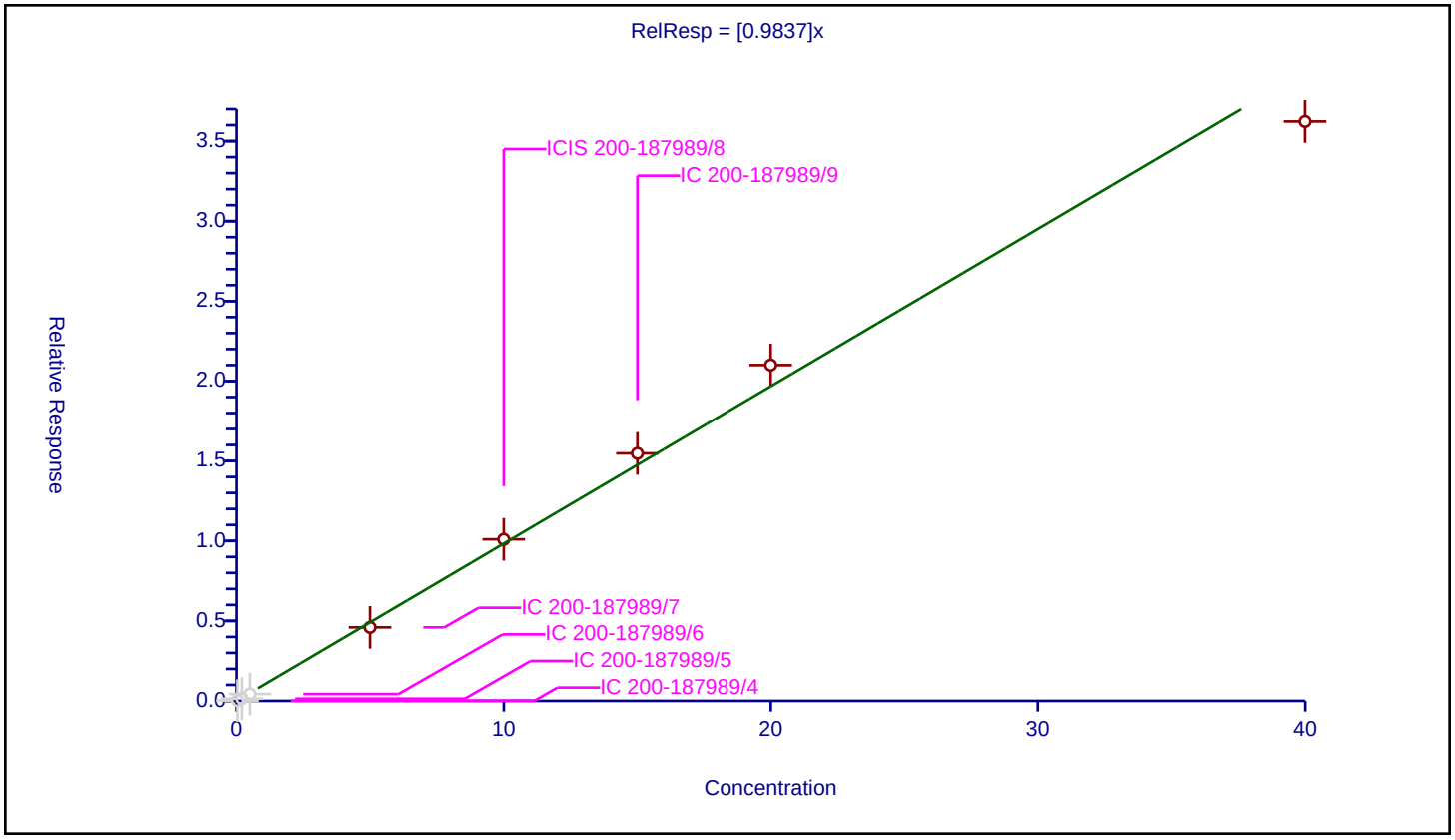
Curve Coefficients

Intercept:	0
Slope:	0.9837

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	6.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.017763	10.0	491458.0	0.506414	N
2	IC 200-187989/5	0.20044	0.141405	10.0	495526.0	0.705476	N
3	IC 200-187989/6	0.500453	0.430094	10.0	490683.0	0.859411	N
4	IC 200-187989/7	4.992563	4.596601	10.0	507921.0	0.92069	Y
5	ICIS 200-187989/8	9.99806	10.101431	10.0	505271.0	1.010339	Y
6	IC 200-187989/9	15.003557	15.475592	10.0	505465.0	1.031462	Y
7	IC 200-187989/12	19.99612	21.002381	10.0	501047.0	1.050323	Y
8	IC 200-187989/13	39.99224	36.228729	10.0	508208.0	0.905894	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

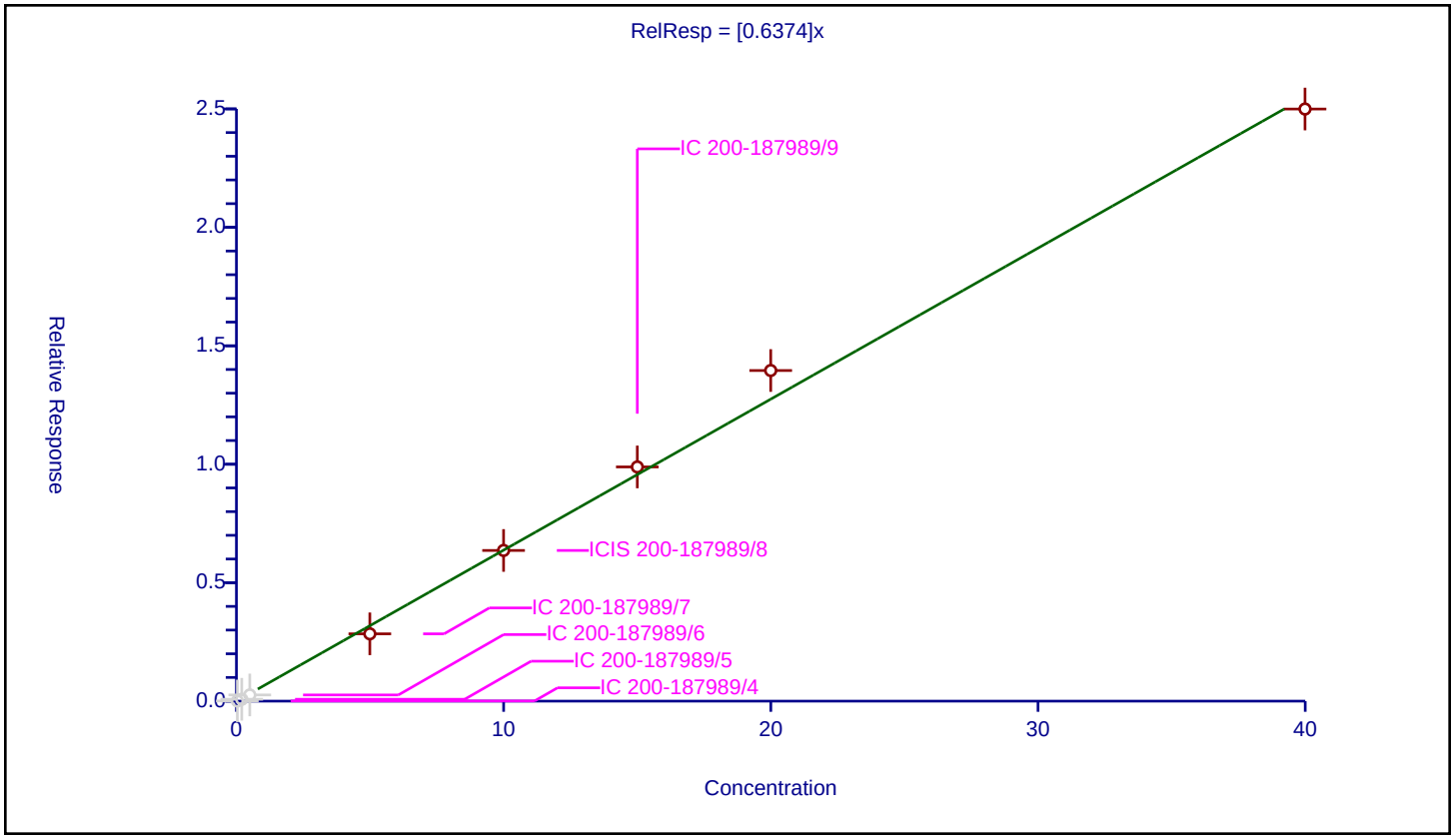
Curve Coefficients

Intercept:	0
Slope:	0.6374

Error Coefficients

Standard Error:	787000
Relative Standard Error:	7.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.00702	10.0	491458.0	0.200129	N
2	IC 200-187989/5	0.20044	0.079007	10.0	495526.0	0.394168	N
3	IC 200-187989/6	0.500453	0.261737	10.0	490683.0	0.523001	N
4	IC 200-187989/7	4.992563	2.841682	10.0	507921.0	0.569183	Y
5	ICIS 200-187989/8	9.99806	6.36023	10.0	505271.0	0.636146	Y
6	IC 200-187989/9	15.003557	9.886046	10.0	505465.0	0.658913	Y
7	IC 200-187989/12	19.99612	13.956515	10.0	501047.0	0.697961	Y
8	IC 200-187989/13	39.99224	24.994648	10.0	508208.0	0.624987	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

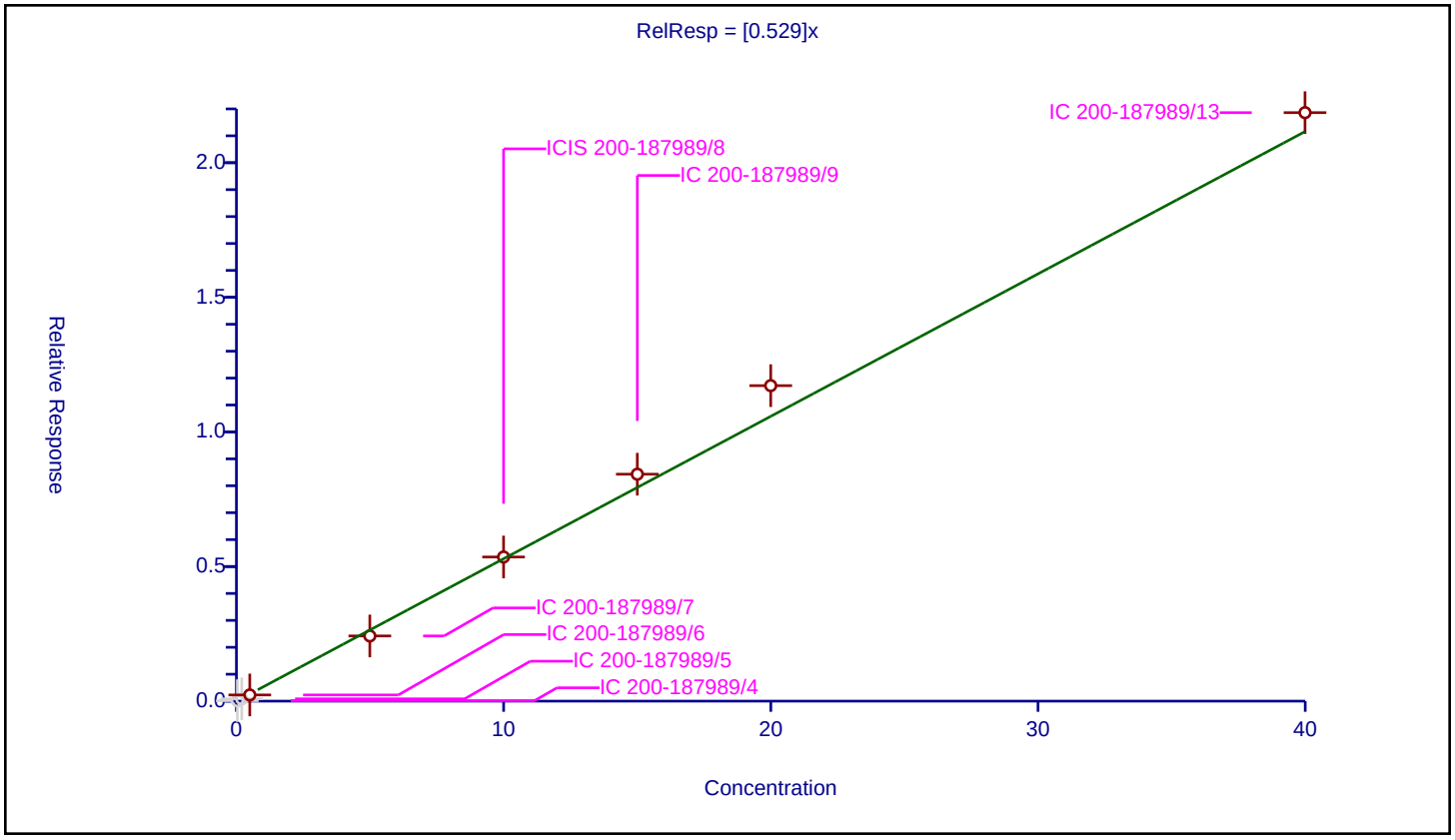
Curve Coefficients

Intercept:	0
Slope:	0.529

Error Coefficients

Standard Error:	608000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.017336	10.0	491458.0	0.494233	N
2	IC 200-187989/5	0.20044	0.085909	10.0	495526.0	0.428601	N
3	IC 200-187989/6	0.500453	0.229741	10.0	490683.0	0.459066	Y
4	IC 200-187989/7	4.992563	2.4214	10.0	507921.0	0.485001	Y
5	ICIS 200-187989/8	9.99806	5.354038	10.0	505271.0	0.535508	Y
6	IC 200-187989/9	15.003557	8.430257	10.0	505465.0	0.561884	Y
7	IC 200-187989/12	19.99612	11.71902	10.0	501047.0	0.586065	Y
8	IC 200-187989/13	39.99224	21.860341	10.0	508208.0	0.546615	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

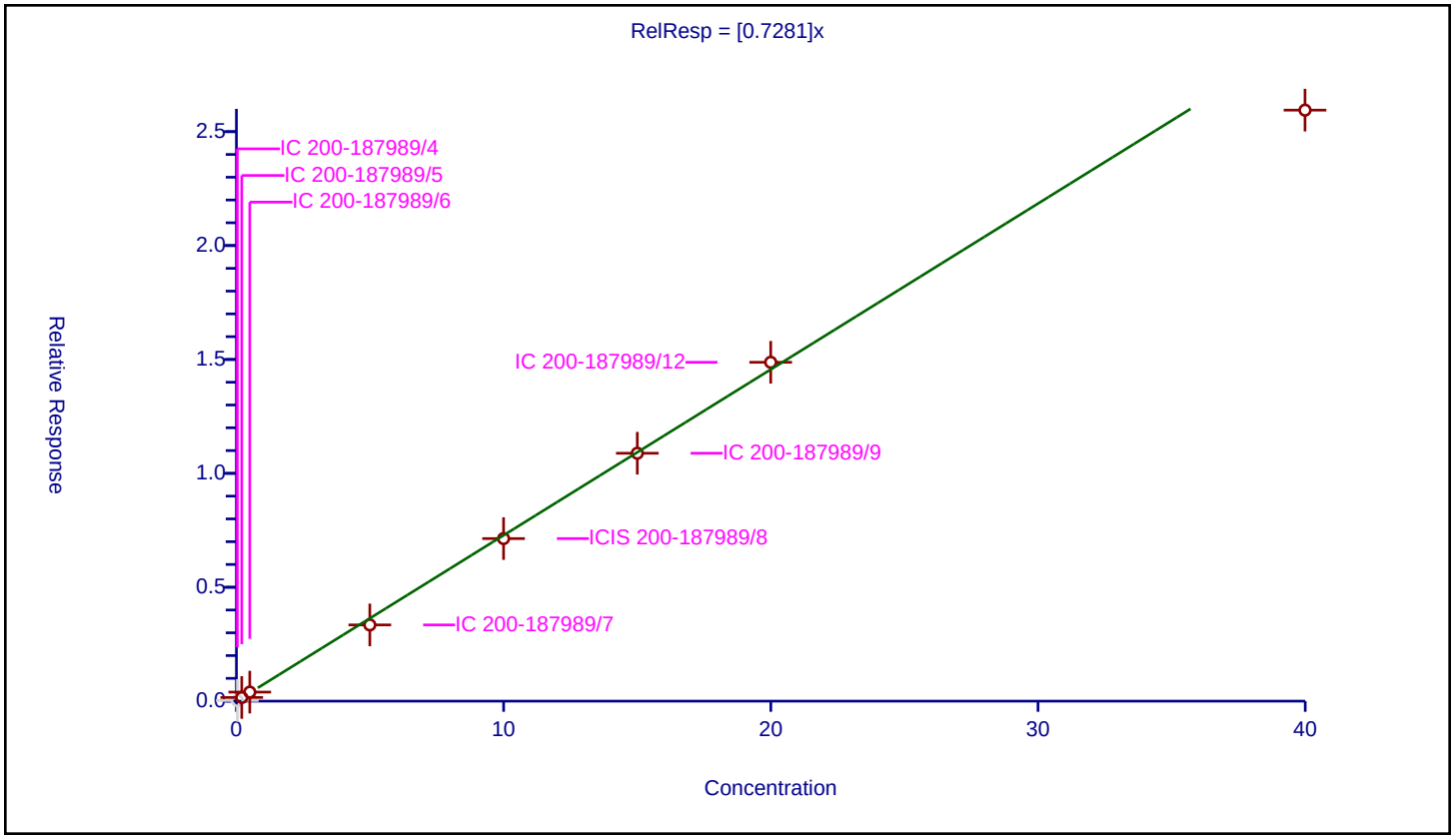
Curve Coefficients

Intercept:	0
Slope:	0.7281

Error Coefficients

Standard Error:	678000
Relative Standard Error:	7.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.029199	10.0	491458.0	0.832422	N
2	IC 200-187989/5	0.20044	0.160516	10.0	495526.0	0.800821	Y
3	IC 200-187989/6	0.500453	0.397385	10.0	490683.0	0.794051	Y
4	IC 200-187989/7	4.992563	3.346012	10.0	507921.0	0.670199	Y
5	ICIS 200-187989/8	9.99806	7.136626	10.0	505271.0	0.713801	Y
6	IC 200-187989/9	15.003557	10.883286	10.0	505465.0	0.72538	Y
7	IC 200-187989/12	19.99612	14.87601	10.0	501047.0	0.743945	Y
8	IC 200-187989/13	39.99224	25.944672	10.0	508208.0	0.648743	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

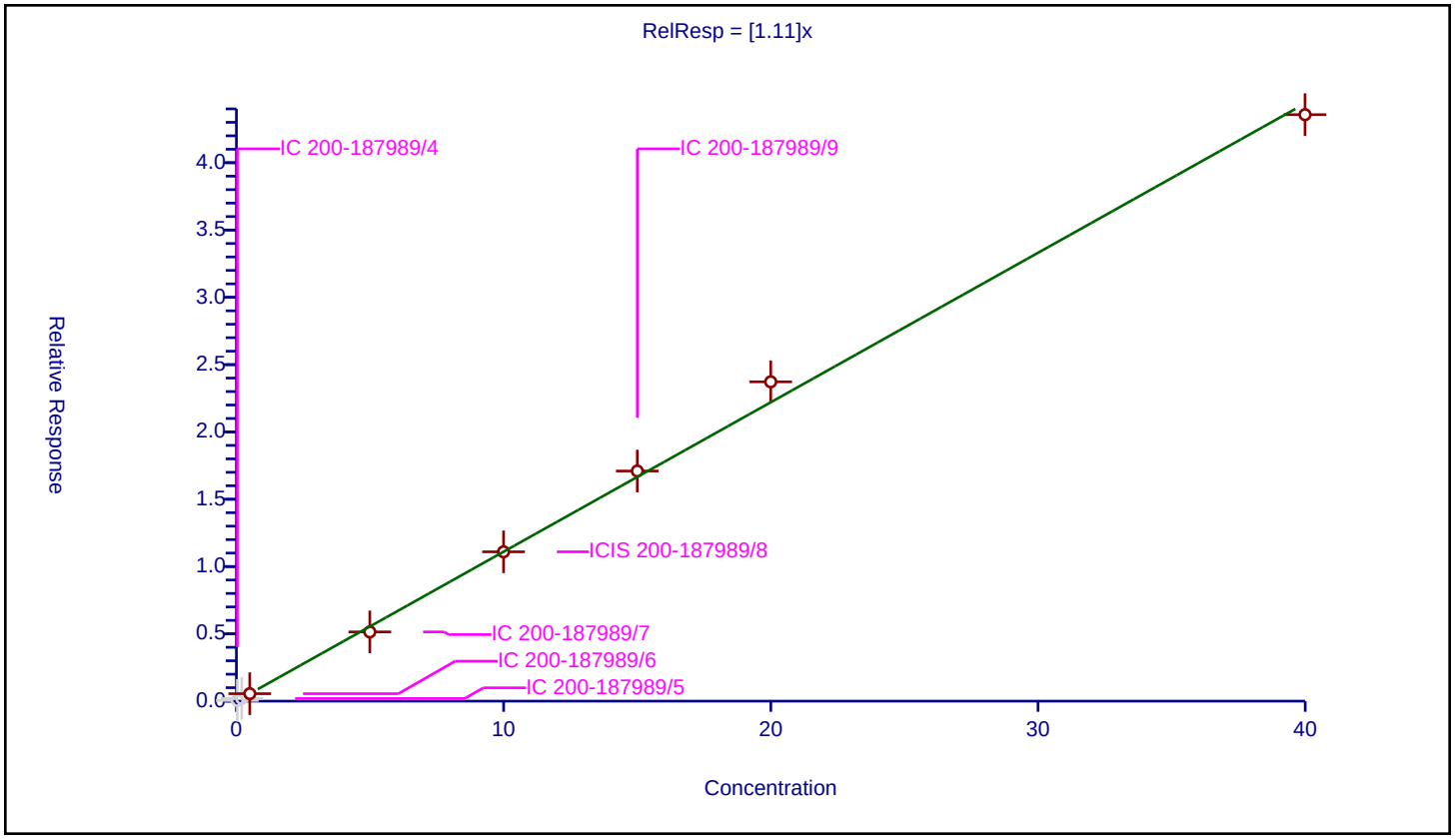
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.053209	10.0	491458.0	1.516923	N
2	IC 200-187989/5	0.20044	0.194743	10.0	495526.0	0.971577	N
3	IC 200-187989/6	0.500453	0.553636	10.0	490683.0	1.106272	Y
4	IC 200-187989/7	4.992563	5.144461	10.0	507921.0	1.030425	Y
5	ICIS 200-187989/8	9.99806	11.092839	10.0	505271.0	1.109499	Y
6	IC 200-187989/9	15.003557	17.096119	10.0	505465.0	1.139471	Y
7	IC 200-187989/12	19.99612	23.723683	10.0	501047.0	1.186414	Y
8	IC 200-187989/13	39.99224	43.571392	10.0	508208.0	1.089496	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

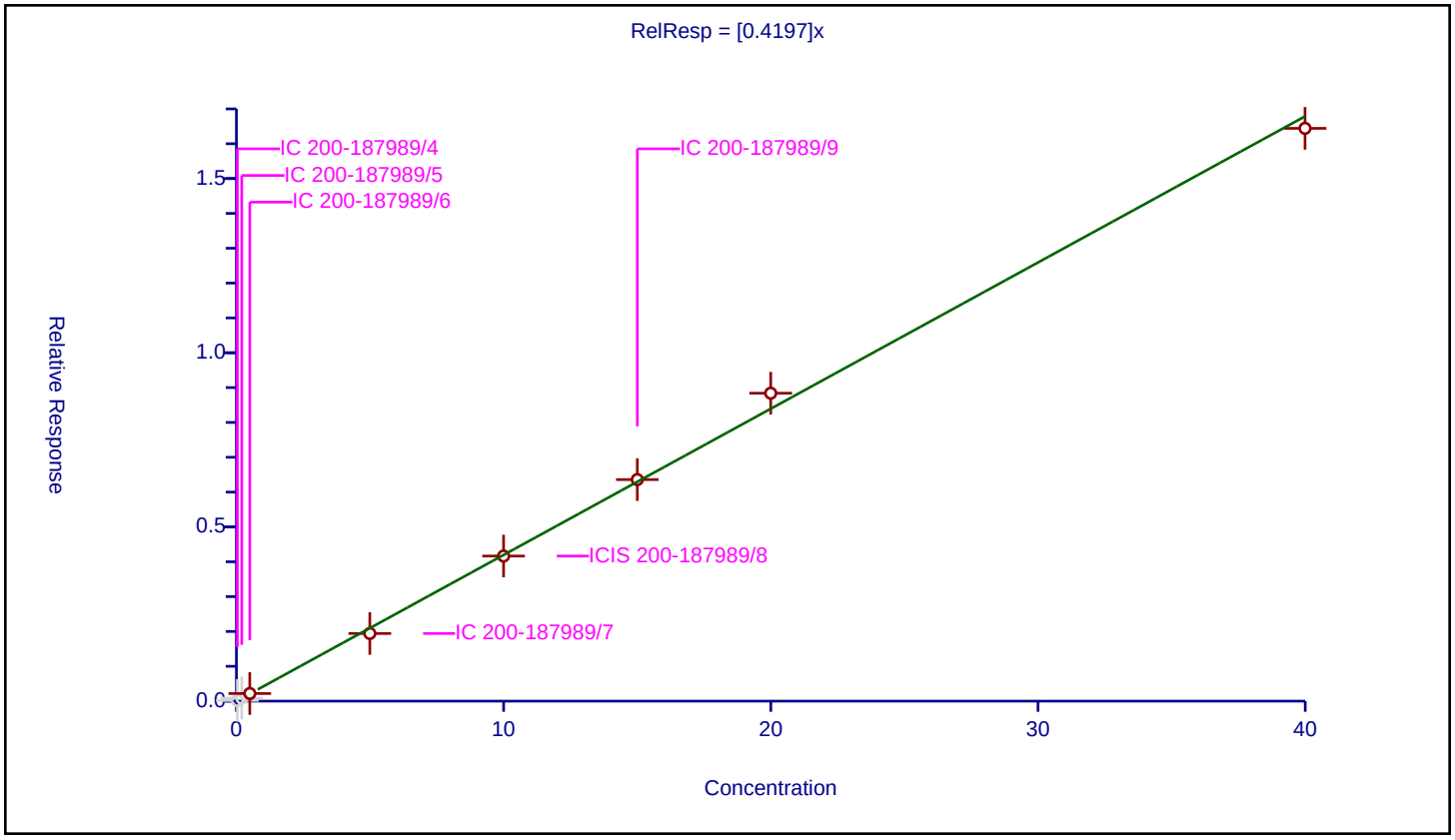
Curve Coefficients

Intercept:	0
Slope:	0.4197

Error Coefficients

Standard Error:	459000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-187989/4	0.035077	0.02047	10.0	491458.0	0.583566	N
2	IC 200-187989/5	0.20044	0.0872	10.0	495526.0	0.435045	N
3	IC 200-187989/6	0.500453	0.218063	10.0	490683.0	0.435732	Y
4	IC 200-187989/7	4.992563	1.941936	10.0	507921.0	0.388966	Y
5	ICIS 200-187989/8	9.99806	4.164676	10.0	505271.0	0.416548	Y
6	IC 200-187989/9	15.003557	6.359926	10.0	505465.0	0.423895	Y
7	IC 200-187989/12	19.99612	8.838991	10.0	501047.0	0.442035	Y
8	IC 200-187989/13	39.99224	16.441496	10.0	508208.0	0.411117	Y



FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-188486/3	54343-03.D
Level 2	IC 200-188486/4	54343-04.D
Level 3	IC 200-188486/5	54343-05.D
Level 4	IC 200-188486/6	54343-06.D
Level 5	ICIS 200-188486/7	54343-07.D
Level 6	IC 200-188486/8	54343-08.D
Level 7	IC 200-188486/9	54343-09.D
Level 8	IC 200-188486/10	54343-10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 2.6946	+++++ 2.4349	+++++ 2.6346	2.7898	2.6390	Ave		2.6386				4.9		30.0			
Dichlorodifluoromethane	+++++ 8.4055	+++++ 7.6804	8.7938 8.5608	8.6725	8.1246	Ave		8.3729				4.9		30.0			
Chlorodifluoromethane	+++++ 5.0231	+++++ 4.5364	5.3197 5.0598	5.1512	4.8270	Ave		4.9862				5.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 7.6471	7.5203 6.9832	7.7554 7.8084	7.6724	7.3439	Ave		7.5330				3.8		30.0			
Chloromethane	+++++ 2.3187	+++++ 2.1390	2.4525 2.5231	2.1851	2.3598	Ave		2.3297				6.4		30.0			
n-Butane	+++++ 2.0399	+++++ 2.3321	2.3487 2.0267	2.6339	2.1846	Ave		2.2610				10.1		30.0			
Vinyl chloride	2.9999 1.4130	1.8946 1.5740	1.5534 1.4116	1.7408	1.4998	Ave		1.7609				29.9		30.0			
1,3-Butadiene	1.9758 1.0125	1.4058 1.0186	1.1840 1.0049	1.1864	1.0828	Ave		1.2339				26.6		30.0			
Bromomethane	+++++ 1.5658	2.1999 2.0501	1.6879 2.2238	2.1055	2.0927	Ave		1.9894				12.9		30.0			
Chloroethane	+++++ 0.7970	+++++ 1.0170	0.8313 1.0988	1.0799	1.0842	Ave		0.9847				13.8		30.0			
Isopentane	+++++ 1.7421	2.6988 2.1917	1.8443 2.3502	2.5310	2.3951	Ave		2.2505				15.6		30.0			
Bromoethene(Vinyl Bromide)	+++++ 2.1235	2.1069 1.9285	1.6865 2.1025	2.0428	2.0323	Ave		2.0033				7.7		30.0			
Trichlorofluoromethane	+++++ 6.8104	6.9394 6.1500	6.0089 6.6874	7.0574	6.6382	Ave		6.6131				5.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 3.1452	+++++ 2.8580	2.5926 3.0213	3.1513	3.0835	Ave		2.9753				7.3		30.0			
Ethanol	+++++ 1.1273	+++++ 1.0655	1.2142 1.0955	1.1780	1.0808	Ave		1.1269				5.2		30.0			
Ethyl ether	+++++ 1.2526	1.2186 1.1682	1.3722 1.2181	1.2268	1.2041	Ave		1.2372				5.2		30.0			
Acrolein	+++++ 0.6554	+++++ 0.6090	+++++ 0.6301	0.6123	0.6148	Ave		0.6243				3.1		30.0			
1,1-Dichloroethene	3.0869 1.8189	2.0346 1.6615	2.0322 1.7240	1.7903	1.7758	Ave		1.9905				23.3		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 4.0070	4.2929 3.6389	4.4244 3.8445	4.1168	3.9242	Ave		4.0355				6.6		30.0			
Acetone	+++++ 2.9361	+++++ 2.7206	+++++ 2.8750	3.1622	2.8101	Ave		2.9008				5.7		30.0			
Carbon disulfide	+++++ 4.4656	+++++ 4.1783	5.3167 4.3996	4.4139	4.3533	Ave		4.5212				8.9		30.0			
Isopropyl alcohol	+++++ 2.9647	+++++ 2.7540	+++++ 2.8970	3.3364	2.9126	Ave		2.9729				7.3		30.0			
Acetonitrile	+++++ 0.7381	+++++ 0.7018	0.6691 0.7067	0.4867	0.6511	Ave		0.6589				13.6		30.0			
3-Chloropropene	+++++ 2.0943	2.7321 1.9111	2.3171 2.0576	2.1925	2.0330	Ave		2.1911				12.3		30.0			
Methylene Chloride	+++++ 1.7863	+++++ 1.6401	2.0052 1.7209	1.6963	1.7069	Ave		1.7593				7.3		30.0			
tert-Butyl alcohol	+++++ 3.7061	+++++ 3.4878	+++++ 3.6996	3.9629	3.5496	Ave		3.6812				5.0		30.0			
Acrylonitrile	+++++ 0.9724	+++++ 0.9326	1.0842 0.9670	0.9486	0.8867	Ave		0.9653				6.8		30.0			
trans-1,2-Dichloroethene	3.4046 2.4190	2.4850 2.2365	2.6208 2.3165	2.2175	2.3716	Ave		2.5089				15.4		30.0			
Methyl tert-butyl ether	+++++ 5.3067	5.1970 4.9932	5.4779 5.3100	5.4863	5.1242	Ave		5.2708				3.4		30.0			
n-Hexane	+++++ 2.2607	2.4246 2.0755	2.4893 2.1605	2.0901	2.1854	Ave		2.2408				7.2		30.0			
1,1-Dichloroethane	4.2602 2.9066	3.0469 2.6939	3.1010 2.8252	2.8565	2.8351	Ave		3.0657				16.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 4.0934	+++++ 3.8218	+++++ 4.0263	3.8442	3.9279	Ave		3.9427				3.0		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.7946	+++++ 0.7219	1.0613 0.7938	0.8272	0.7325	Ave		0.8219				15.1		30.0			
cis-1,2-Dichloroethene	2.3918 1.7059	1.7856 1.5688	1.8526 1.6482	1.5118	1.6521	Ave		1.7646				15.6		30.0			
Ethyl acetate	+++++ 0.1444	+++++ 0.1336	+++++ 0.1455	0.1436	0.1362	Ave		0.1406				3.8		30.0			
Tetrahydrofuran	+++++ 0.3167	+++++ 0.2901	0.3357 0.3195	0.3452	0.2988	Ave		0.3177				6.6		30.0			
Chloroform	+++++ 3.9734	4.0735 3.7038	4.2133 3.9124	3.9115	3.8873	Ave		3.9536				4.0		30.0			
1,1,1-Trichloroethane	+++++ 0.9424	0.9759 0.8647	0.9563 0.9364	0.9702	0.9140	Ave		0.9371				4.1		30.0			
Cyclohexane	+++++ 0.4483	0.4846 0.4120	0.4679 0.4486	0.4525	0.4373	Ave		0.4502				5.1		30.0			
Carbon tetrachloride	1.4335 1.0201	1.0125 0.9332	1.0258 0.9988	1.0481	0.9927	Ave		1.0581				14.7		30.0			
Benzene	+++++ 0.9671	1.0879 0.9036	1.0572 0.9513	0.9213	0.9390	Ave		0.9753				7.2		30.0			
1,2-Dichloroethane	+++++ 0.6499	0.6895 0.5997	0.6960 0.6300	0.6281	0.6321	Ave		0.6465				5.4		30.0			
2,2,4-Trimethylpentane	+++++ 1.4914	1.6250 1.3749	1.5931 1.4560	1.4831	1.4493	Ave		1.4961				5.8		30.0			
n-Heptane	+++++ 0.5241	0.5793 0.4856	0.5869 0.5080	0.4713	0.5095	Ave		0.5235				8.4		30.0			
n-Butanol	+++++ 0.2291	+++++ 0.2073	+++++ 0.2303	0.2530	0.2156	Ave		0.2271				7.7		30.0			
Trichloroethene	0.5890 0.4940	0.5521 0.4598	0.5773 0.4814	0.4549	0.4811	Ave		0.5112				10.5		30.0			
1,2-Dichloropropane	+++++ 0.3497	0.3654 0.3250	0.3653 0.3438	0.3390	0.3364	Ave		0.3464				4.3		30.0			
Methyl methacrylate	+++++ 0.3500	+++++ 0.3273	0.3467 0.3469	0.3644	0.3321	Ave		0.3446				3.9		30.0			
1,4-Dioxane	+++++ 0.2208	0.3188 0.1982	0.2176 0.2076	0.2555	0.2171	Ave		0.2337				17.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.4590	0.4790 0.4236	0.4773 0.4309	0.4325	0.4493	Ave		0.4502				5.0		30.0			
Bromodichloromethane	+++++ 0.9013	0.8519 0.8419	0.8833 0.8919	0.8660	0.8714	Ave		0.8725				2.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.6780	0.5838 0.6361	0.6080 0.6692	0.5880	0.6422	Ave		0.6293				5.9		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.7621	+++++ 0.7074	0.8456 0.7635	0.8412	0.7199	Ave		0.7733				7.6		30.0			
Toluene	+++++ 0.8456	0.9640 0.7865	0.9333 0.8234	0.8296	0.8263	Ave		0.8584				7.5		30.0			
n-Octane	+++++ 0.7133	0.7503 0.6678	0.7881 0.6812	0.6140	0.6944	Ave		0.7013				8.1		30.0			
trans-1,3-Dichloropropene	+++++ 0.6429	0.4868 0.6059	0.5455 0.6449	0.5373	0.6030	Ave		0.5809				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.4137	0.4605 0.3834	0.4434 0.4088	0.4276	0.4034	Ave		0.4201				6.2		30.0			
Tetrachloroethene	1.2519 0.7976	0.9216 0.7326	0.8903 0.7488	0.8220	0.7910	Ave		0.8695				19.3		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.8460	+++++ 0.7790	0.7999 0.8914	1.0125	0.7984	Ave		0.8545				10.2		30.0			
Dibromochloromethane	+++++ 1.0743	0.9583 0.9934	0.9662 1.0365	1.0939	1.0420	Ave		1.0235				5.1		30.0			
1,2-Dibromoethane	+++++ 0.8349	0.8329 0.7783	0.8425 0.8157	0.8218	0.8117	Ave		0.8197				2.6		30.0			
Chlorobenzene	+++++ 1.2363	1.3050 1.1527	1.3315 1.1952	1.1611	1.2137	Ave		1.2279				5.6		30.0			
Ethylbenzene	+++++ 1.9752	2.0573 1.8419	2.1316 1.9142	1.9267	1.9398	Ave		1.9695				4.9		30.0			
m,p-Xylene	+++++ 0.7737	0.7946 0.7172	0.8291 0.7441	0.7642	0.7559	Ave		0.7684				4.7		30.0			
n-Nonane	+++++ 0.7915	0.8375 0.7436	0.8830 0.7917	0.7699	0.7726	Ave		0.7985				5.9		30.0			
o-Xylene	+++++ 0.7574	0.7891 0.7022	0.8030 0.7316	0.7989	0.7407	Ave		0.7604				5.0		30.0			
Styrene	+++++ 1.1981	1.0064 1.1133	1.1849 1.1832	1.1589	1.1561	Ave		1.1430				5.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 1.0227	0.7137 0.9422	0.8499 0.9756	1.0545	0.9829	Ave		0.9345				12.5		30.0			
Cumene	+++++ 2.3441	2.4763 2.1762	2.4940 2.2593	2.5013	2.2949	Ave		2.3637				5.5		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0998	1.1794 1.0156	1.1306 1.0629	1.2059	1.0633	Ave		1.1082				6.1		30.0			
1,2,3-Trichloropropane	+++++ 0.9737	1.0308 0.8988	1.0166 0.9457	1.0719	0.9411	Ave		0.9827				6.1		30.0			
n-Propylbenzene	+++++ 2.7629	2.5473 2.5641	2.8603 2.6728	2.9130	2.6802	Ave		2.7143				5.1		30.0			
2-Chlorotoluene	+++++ 1.8260	1.7711 1.6807	1.8359 1.7363	1.8308	1.7591	Ave		1.7771				3.3		30.0			
4-Ethyltoluene	+++++ 2.3622	2.0704 2.1743	2.4032 2.2840	2.5106	2.2756	Ave		2.2972				6.4		30.0			
1,3,5-Trimethylbenzene	+++++ 2.0335	2.0952 1.8606	2.1202 1.9772	2.2656	1.9723	Ave		2.0464				6.3		30.0			
n-Decane	+++++ 1.0775	+++++ 0.9638	1.0769 1.1264	1.1542	1.0296	Ave		1.0714				6.4		30.0			
Alpha Methyl Styrene	+++++ 1.0312	0.7808 0.9510	0.9285 1.0376	1.1244	0.9827	Ave		0.9766				11.0		30.0			
tert-Butylbenzene	+++++ 1.9976	2.1391 1.8199	2.1534 1.9230	2.2806	1.9416	Ave		2.0364				7.9		30.0			
1,2,4-Trimethylbenzene	+++++ 2.0382	2.2234 1.8634	2.0874 2.0308	2.2976	1.9698	Ave		2.0730				7.1		30.0			
sec-Butylbenzene	+++++ 2.7869	2.8722 2.5507	2.9893 2.7251	3.1985	2.7089	Ave		2.8331				7.5		30.0			
1,3-Dichlorobenzene	+++++ 1.4179	1.2705 1.2911	1.4261 1.3500	1.5317	1.3862	Ave		1.3819				6.4		30.0			
4-Isopropyltoluene	+++++ 2.4836	2.5158 2.2539	2.5745 2.4187	2.9149	2.4170	Ave		2.5112				8.2		30.0			
1,4-Dichlorobenzene	+++++ 1.4248	1.2045 1.3071	1.4067 1.3749	1.5264	1.3906	Ave		1.3764				7.3		30.0			
Benzyl chloride	+++++ 1.8251	1.0655 1.6944	1.3018 1.9713	2.0188	1.6718	Ave		1.6498				21.2		30.0			
n-Butylbenzene	+++++ 2.2068	1.8340 1.9834	2.1351 2.2489	2.6477	2.1324	Ave		2.1698				11.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 1.3460	1.2843 1.2199	1.4094 1.2981	1.5191	1.3167	Ave		1.3420				7.2		30.0			
n-Undecane	+++++ 1.1805	+++++ 0.8361	+++++ 1.2877	1.3980	1.1456	Ave		1.1696				18.0		30.0			
n-Dodecane	+++++ 1.1447	+++++ 0.5734	+++++ 1.2187	1.3428	1.1110	Ave		1.0781				27.4		30.0			
1,2,4-Trichlorobenzene	+++++ 1.1208	+++++ 0.8626	0.8991 1.1310	1.3214	1.0708	Ave		1.0676				15.8		30.0			
Hexachlorobutadiene	+++++ 1.1056	1.1132 0.9098	1.0647 1.0550	1.3081	1.0757	Ave		1.0903				10.8		30.0			
Naphthalene	+++++ 2.2175	+++++ 1.4876	1.7123 2.4003	2.6777	2.0747	Ave		2.0950				21.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.9705	+++++ 0.7021	0.8026 0.9871	1.1549	0.9380	Ave		0.9259				17.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-188486/3	54343-03.D
Level 2	IC 200-188486/4	54343-04.D
Level 3	IC 200-188486/5	54343-05.D
Level 4	IC 200-188486/6	54343-06.D
Level 5	ICIS 200-188486/7	54343-07.D
Level 6	IC 200-188486/8	54343-08.D
Level 7	IC 200-188486/9	54343-09.D
Level 8	IC 200-188486/10	54343-10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 1008802	+++++ 1254254	+++++ 2660126	301090	651489	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 3146827	+++++ 3956333	107330 8643577	935972	2005733	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 1880525	+++++ 2336768	64928 5108721	555932	1191650	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 2862915	37590 3597195	94657 7883963	828033	1812991	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 868084	+++++ 1101819	29933 2547501	235829	582557	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 763693	+++++ 1201317	28666 2046291	284255	539322	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2654 529006	9470 810797	18960 1425257	187879	370256	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	1748 379068	7027 524720	14451 1014570	128038	267299	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 586207	10996 1056023	20601 2245328	227230	516618	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 298381	+++++ 523882	10146 1109422	116542	267659	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 652216	13490 1129003	22510 2372898	273157	591271	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 795004	10531 993429	20584 2122803	220470	501706	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2549646	34686 3167985	73340 6752102	761656	1638782	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 1177502	+++++ 1472202	31643 3050493	340099	761220	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 563936	+++++ 1097931	148380 2765136	254436	400415	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 | Calibration End Date: 02/15/2023 23:00 | Calibration ID: 49846

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 468939	6091 601782	16748 1229880	132401	297257	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 245362	+++++ 313686	+++++ 636222	66079	151788	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	2731 680938	10170 855880	24804 1740677	193217	438398	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 1500147	21458 1874471	54001 3881634	444298	968759	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 1099193	+++++ 1401456	+++++ 2902824	341277	693727	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1671830	+++++ 2152326	64891 4442105	476367	1074710	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1109900	+++++ 1418628	+++++ 2924986	360074	719026	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 276335	+++++ 361532	8167 713486	52527	160725	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 784061	13656 984430	28281 2077481	236625	501888	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 668742	+++++ 844868	24474 1737534	183073	421371	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1387489	+++++ 1796656	+++++ 3735386	427689	876289	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 364061	+++++ 480380	13233 976397	102378	218892	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	3012 905636	12421 1152081	31988 2338883	239324	585481	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1986700	25977 2572081	66859 5361406	592097	1265017	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 846350	12119 1069130	30382 2181386	225567	539503	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3769 1088158	15230 1387680	37849 2852555	308284	699891	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1532494	+++++ 1968689	+++++ 4065291	414876	969678	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 297482	+++++ 371874	12953 801450	89279	180823	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	2116 638655	8925 808131	22612 1664125	163157	407845	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 54042	+++++ 68811	+++++ 146866	15500	33621	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	20428	181802	367669	+++++	+++++	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			590659	750735	1610062			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1487559	20361 1907890	51424 3950277	422144	959649	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1757592	23129 2237986	58188 4719449	510963	1124620	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 836063	11486 1066206	28472 2261003	238297	538093	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	6067 1902334	23995 2415247	62414 5033672	551997	1221488	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 1803519	25782 2338592	64326 4794497	485211	1155404	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 1212073	16340 1551968	42350 3174925	330781	777775	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2781353	38511 3558418	96934 7338192	781092	1783356	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 977449	13729 1256673	35711 2560336	248202	626960	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 427172	+++++ 536576	+++++ 1160719	133245	265314	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2493 921262	13085 1189866	35125 2426402	239573	591918	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 652099	8661 841056	22226 1732668	178562	413982	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 652772	+++++ 847143	21094 1748372	191903	408674	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 411722	7556 512873	13240 1046165	134578	267187	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 855990	11353 1096347	29040 2171574	227768	552899	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1680838	20189 2178773	53747 4494871	456088	1072274	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1264377	13837 1646348	36996 3372787	309702	790193	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 1421269	+++++ 1830881	51453 3848102	443019	885869	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 1376486	18017 1791228	48381 3606182	350202	879043	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 1330316	17781 1728367	47953 3433005	323373	854452	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 | Calibration End Date: 02/15/2023 23:00 | Calibration ID: 49846

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 1198914	11537 1568122	33191 3250017	282955	741917	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 673377	8607 873211	22985 1790385	180522	429124	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd5	Ave	4117 1298432	17225 1668422	46155 3279731	347010	841547	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1377180	+++++ 1773976	41467 3904268	427443	849382	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1748808	17911 2262246	50091 4539649	461795	1108567	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1359205	15567 1772413	43678 3572508	346937	863568	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 2012567	24391 2625096	69028 5234760	490168	1291194	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 3215330	38452 4194595	110507 8383460	813357	2063715	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2518879	29704 3266520	85959 6517602	645231	1608433	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
n-Nonane	CBNZd5	Ave	+++++ 1288541	15653 1693356	45777 3467274	325016	821919	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
o-Xylene	CBNZd5	Ave	+++++ 1232983	14748 1599258	41626 3204406	337237	788004	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd5	Ave	+++++ 1950437	18810 2535402	61425 5182003	489249	1229937	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd5	Ave	+++++ 1664777	13339 2145607	44060 4272750	445149	1045645	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd5	Ave	+++++ 3815913	46283 4955966	129293 9895272	1055917	2441426	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	22044	58611	509080	1131257	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-66741-1 | Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 | Calibration End Date: 02/15/2023 23:00 | Calibration ID: 49846

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1790280	2312794	4655250			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	19266	52704	452514	1001221	+++++	0.200	0.500	4.99	10.00
			1585128	2046943	4141827			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	47610	148279	1229714	2851341	+++++	0.200	0.500	4.99	10.00
			4497631	5839407	11706028			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	33102	95174	772869	1871423	+++++	0.200	0.500	4.99	10.00
			2972482	3827571	7604329			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	38697	124587	1059874	2420979	+++++	0.200	0.500	4.99	10.00
			3845479	4951654	10003506			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	39160	109913	956426	2098244	+++++	0.200	0.500	4.99	10.00
			3310388	4237150	8659747			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	55827	487243	1095320	+++++	+++++	0.500	4.99	10.00
			1754050	2194817	4933525			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	14594	48137	474668	1045418	+++++	0.200	0.500	4.99	10.00
			1678614	2165841	4544390			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	39981	111633	962765	2065624	+++++	0.200	0.500	4.99	10.00
			3251872	4144432	8422117			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	41556	108215	969935	2095647	+++++	0.200	0.500	4.99	10.00
			3318043	4243656	8894493			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	53682	154967	1350269	2881884	+++++	0.200	0.500	4.99	10.00
			4536718	5808787	11935283			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	23747	73929	646603	1474782	+++++	0.200	0.500	4.99	10.00
			2308228	2940189	5912675			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	47021	133464	1230520	2571332	+++++	0.200	0.500	4.99	10.00
			4043006	5132910	10593244			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	22512	72924	644368	1479370	+++++	0.200	0.500	4.99	10.00
			2319379	2976698	6021701			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	19914	67485	852236	1778579	+++++	0.200	0.500	4.99	10.00
			2971104	3858735	8633677			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-66741-1 Analy Batch No.: 188486

SDG No.: 200-66741-1

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/15/2023 16:26 Calibration End Date: 02/15/2023 23:00 Calibration ID: 49846

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 3592408	34278 4516862	110684 9849676	1117724	2268629	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2191168	24005 2778206	73067 5685441	641309	1400755	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 1921712	+++++ 1904047	+++++ 5639837	590156	1218715	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 1863385	+++++ 1305739	+++++ 5337428	566884	1182001	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1824597	+++++ 1964547	46608 4953593	557842	1139234	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1799851	20807 2071856	55195 4620425	552227	1144448	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 3609823	+++++ 3387875	88770 10512441	1130398	2207172	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1579940	+++++ 1598825	41610 4323068	487545	997872	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

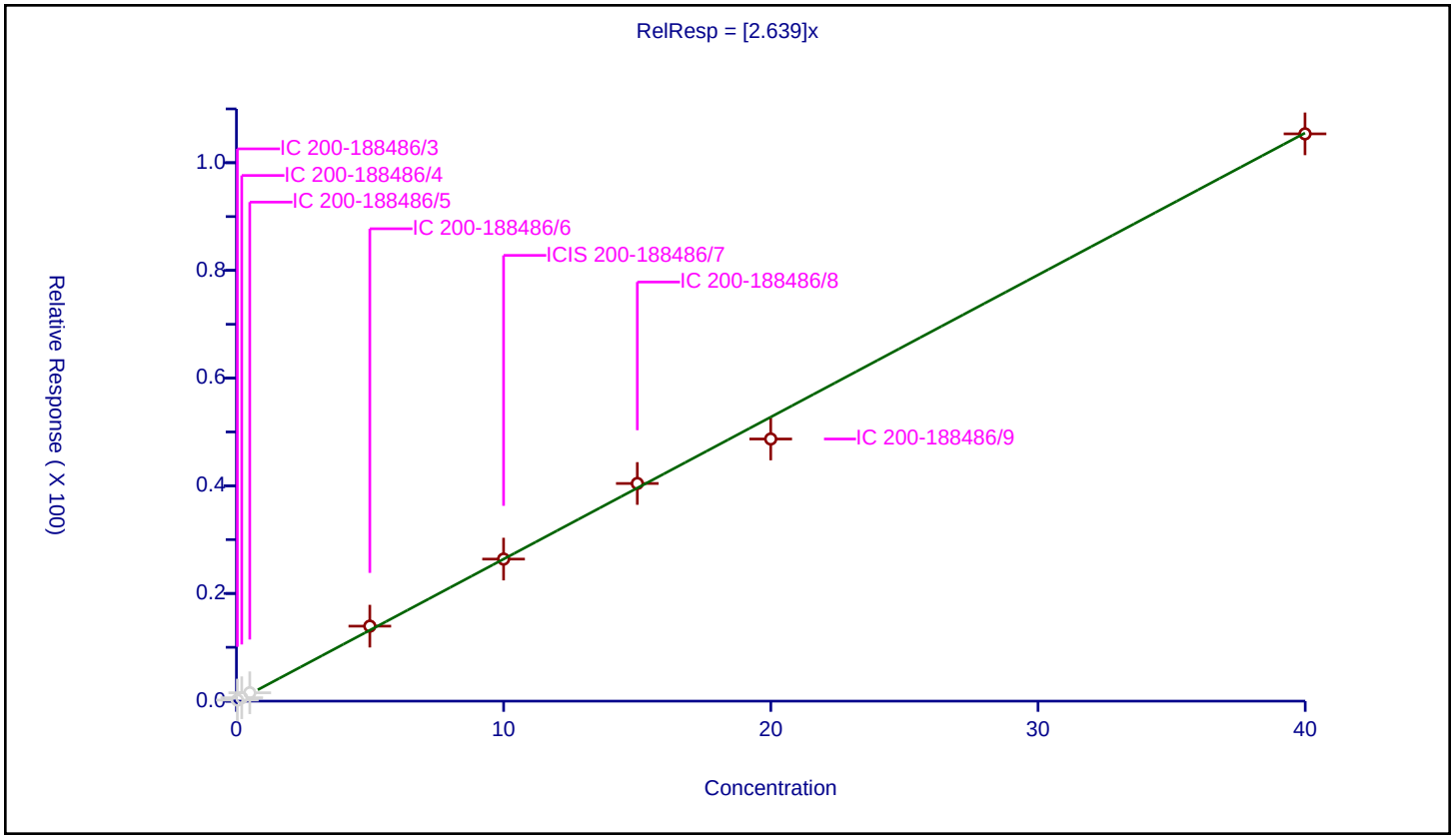
Curve Coefficients

Intercept:	0
Slope:	2.639

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.197926	10.0	252215.0	5.642635	N
2	IC 200-188486/4	0.20044	0.631622	10.0	249374.0	3.151181	N
3	IC 200-188486/5	0.500453	1.557995	10.0	243884.0	3.113172	N
4	IC 200-188486/6	4.992563	13.928454	10.0	216169.0	2.78984	Y
5	ICIS 200-188486/7	9.99806	26.384832	10.0	246918.0	2.638995	Y
6	IC 200-188486/8	15.003557	40.428733	10.0	249526.0	2.69461	Y
7	IC 200-188486/9	19.99612	48.688094	10.0	257610.0	2.434877	Y
8	IC 200-188486/10	39.99224	105.365295	10.0	252467.0	2.634644	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

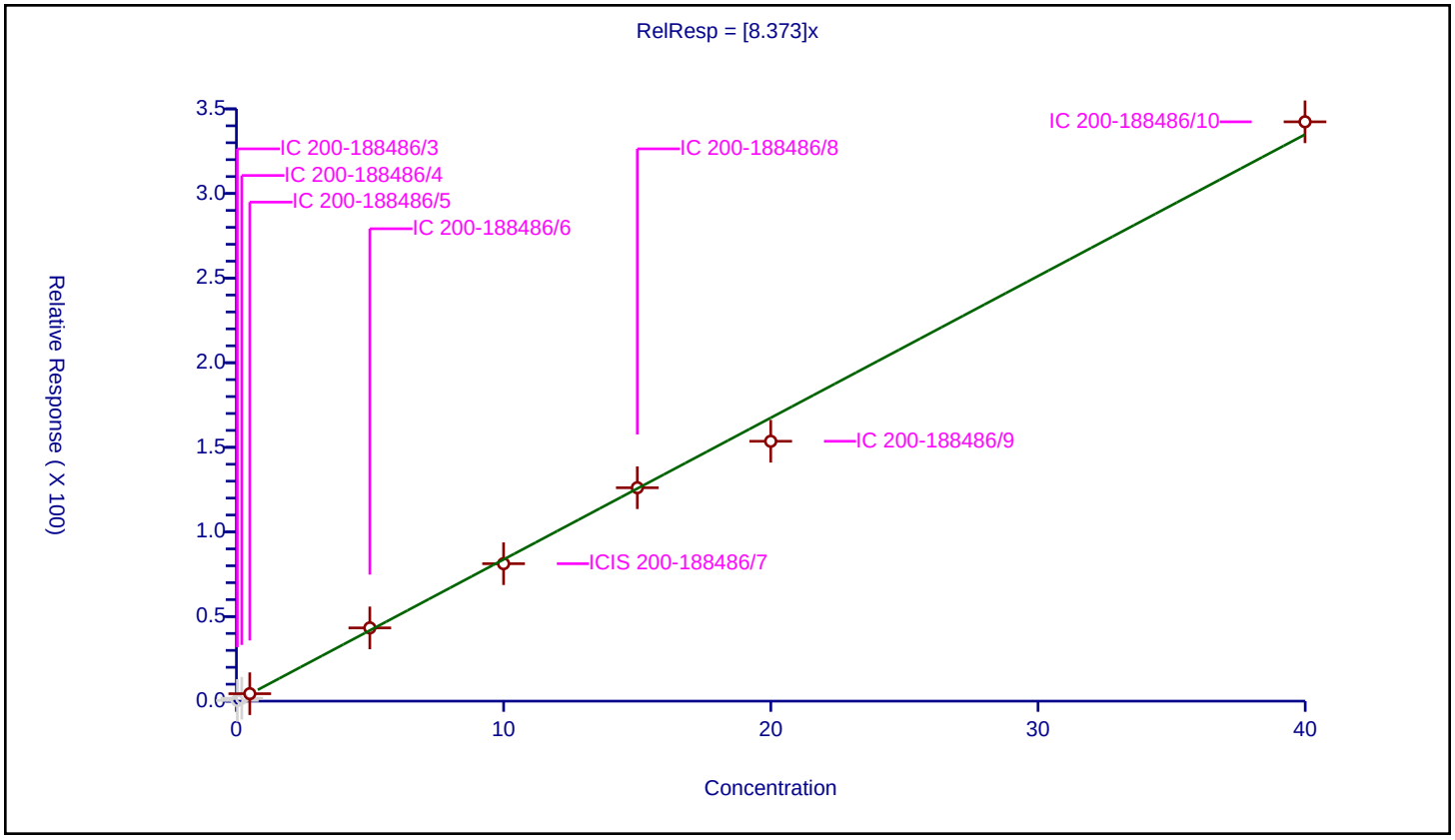
Curve Coefficients

Intercept:	0
Slope:	8.373

Error Coefficients

Standard Error:	4590000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.398113	10.0	252215.0	11.349699	N
2	IC 200-188486/4	0.20044	1.727927	10.0	249374.0	8.620683	N
3	IC 200-188486/5	0.500453	4.400863	10.0	243884.0	8.793766	Y
4	IC 200-188486/6	4.992563	43.29816	10.0	216169.0	8.672532	Y
5	ICIS 200-188486/7	9.99806	81.230732	10.0	246918.0	8.12465	Y
6	IC 200-188486/8	15.003557	126.112189	10.0	249526.0	8.405486	Y
7	IC 200-188486/9	19.99612	153.578394	10.0	257610.0	7.68041	Y
8	IC 200-188486/10	39.99224	342.364626	10.0	252467.0	8.560777	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

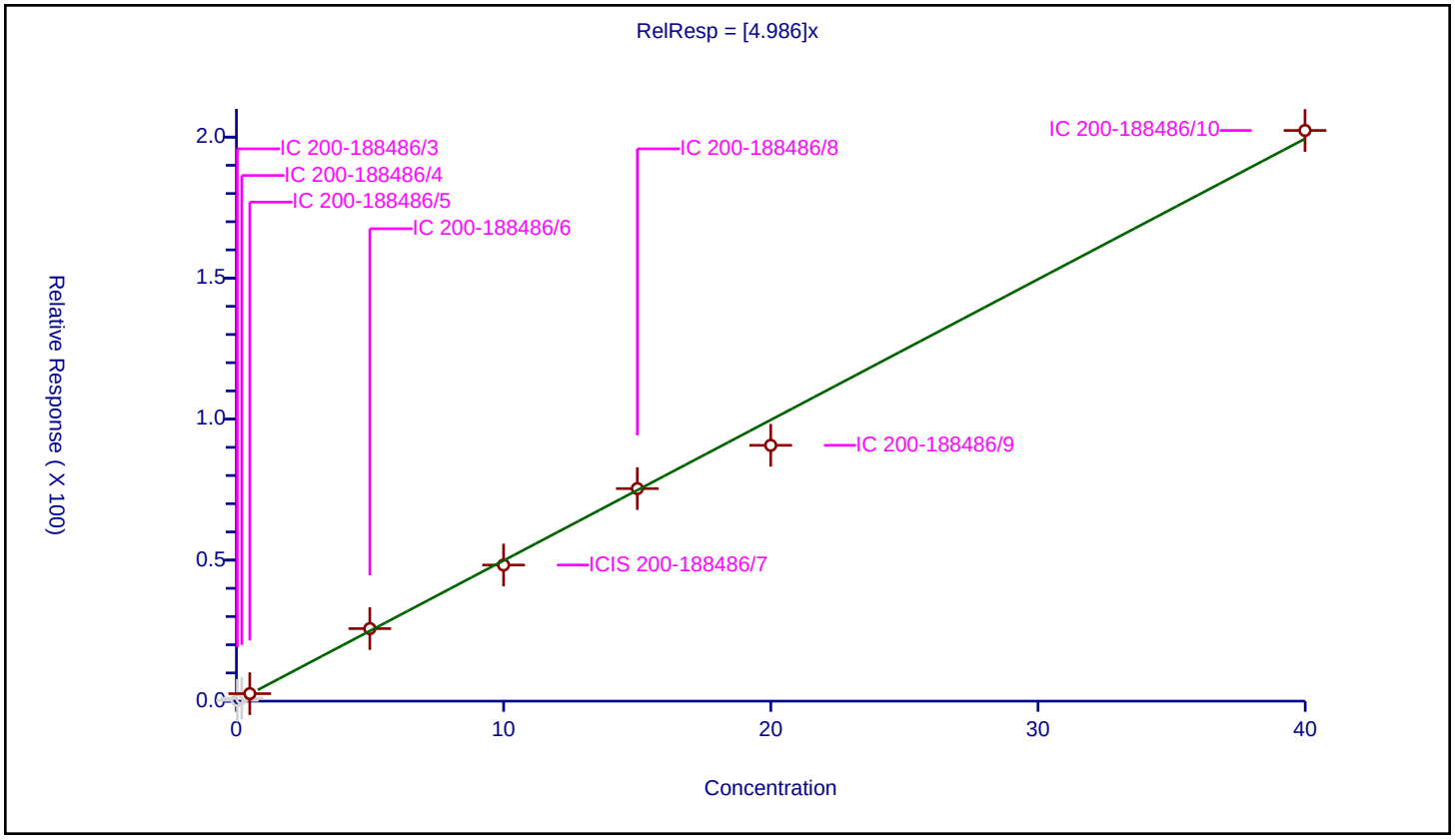
Curve Coefficients

Intercept:	0
Slope:	4.986

Error Coefficients

Standard Error:	2710000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.290585	10.0	252215.0	8.284229	N
2	IC 200-188486/4	0.20044	1.041207	10.0	249374.0	5.194616	N
3	IC 200-188486/5	0.500453	2.662249	10.0	243884.0	5.319683	Y
4	IC 200-188486/6	4.992563	25.717471	10.0	216169.0	5.151156	Y
5	ICIS 200-188486/7	9.99806	48.260961	10.0	246918.0	4.827033	Y
6	IC 200-188486/8	15.003557	75.36389	10.0	249526.0	5.023068	Y
7	IC 200-188486/9	19.99612	90.709522	10.0	257610.0	4.536356	Y
8	IC 200-188486/10	39.99224	202.35203	10.0	252467.0	5.059782	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

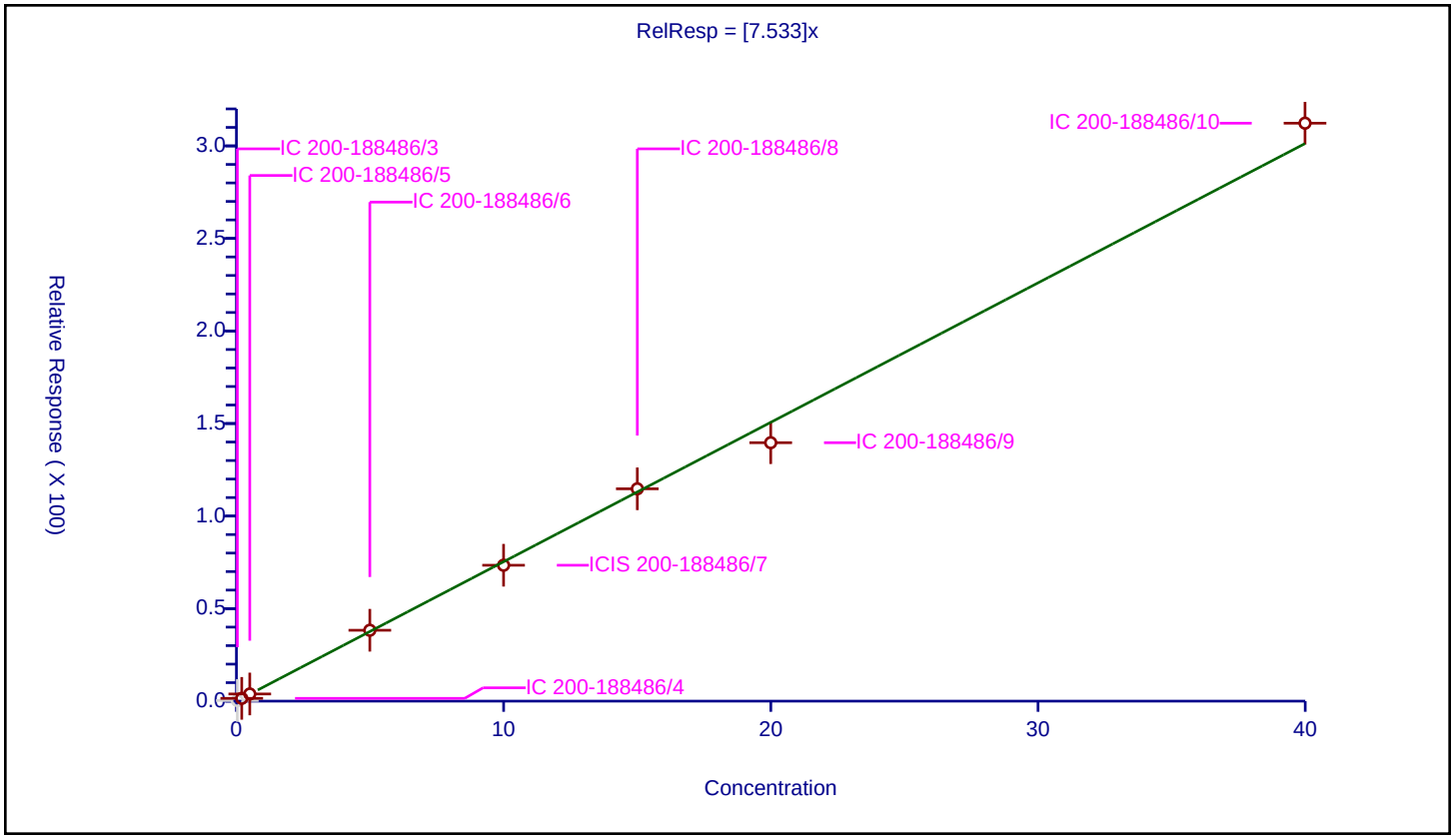
Curve Coefficients

Intercept:	0
Slope:	7.533

Error Coefficients

Standard Error:	3810000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.344825	10.0	252215.0	9.830528	N
2	IC 200-188486/4	0.20044	1.507374	10.0	249374.0	7.52034	Y
3	IC 200-188486/5	0.500453	3.88123	10.0	243884.0	7.755441	Y
4	IC 200-188486/6	4.992563	38.304891	10.0	216169.0	7.67239	Y
5	ICIS 200-188486/7	9.99806	73.424821	10.0	246918.0	7.343907	Y
6	IC 200-188486/8	15.003557	114.734136	10.0	249526.0	7.647129	Y
7	IC 200-188486/9	19.99612	139.637242	10.0	257610.0	6.983217	Y
8	IC 200-188486/10	39.99224	312.276971	10.0	252467.0	7.808439	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

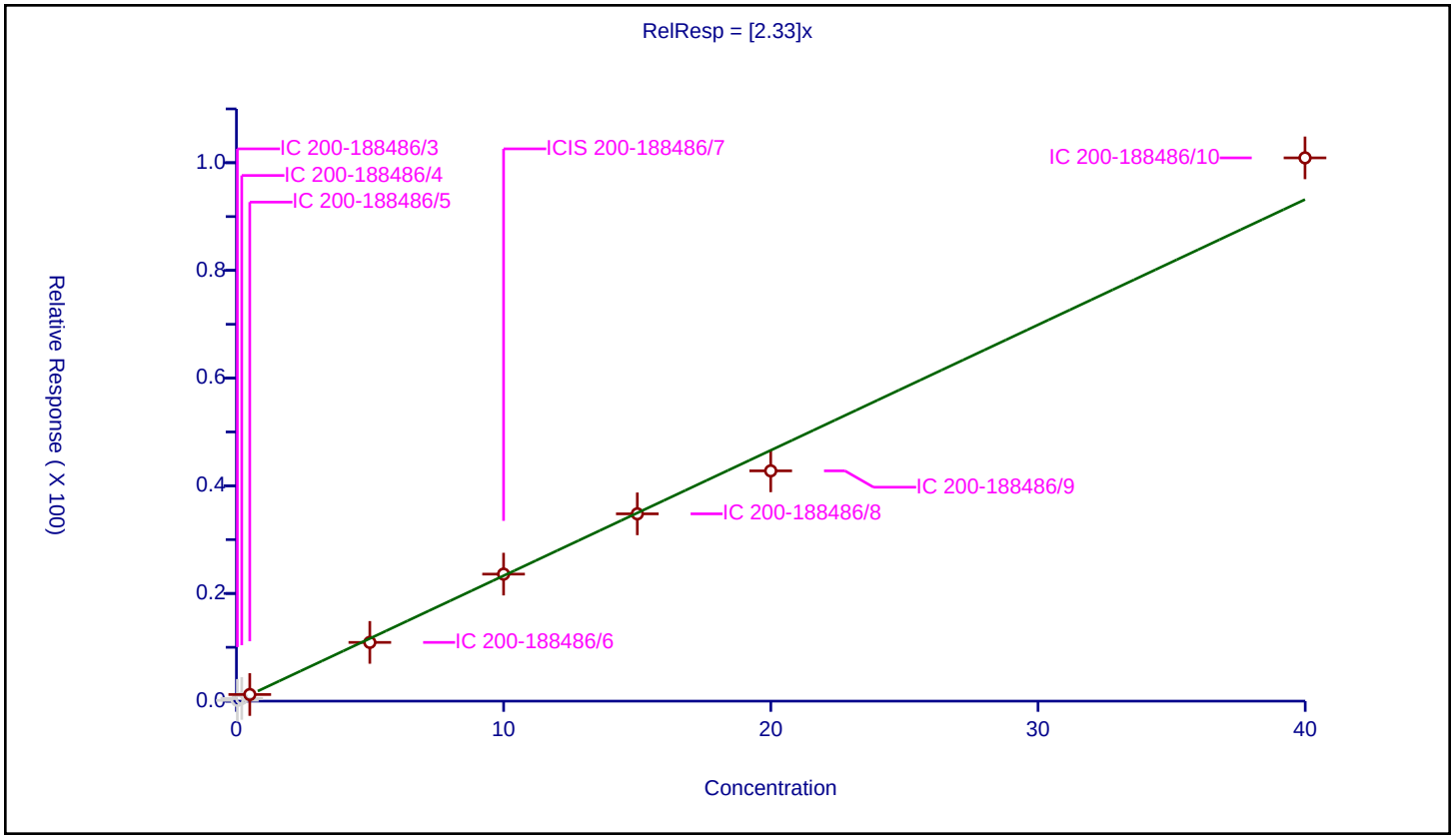
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	6.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.14559	10.0	252215.0	4.150592	N
2	IC 200-188486/4	0.20044	0.498849	10.0	249374.0	2.488774	N
3	IC 200-188486/5	0.500453	1.227346	10.0	243884.0	2.452472	Y
4	IC 200-188486/6	4.992563	10.909474	10.0	216169.0	2.185145	Y
5	ICIS 200-188486/7	9.99806	23.593136	10.0	246918.0	2.359771	Y
6	IC 200-188486/8	15.003557	34.789321	10.0	249526.0	2.318738	Y
7	IC 200-188486/9	19.99612	42.770816	10.0	257610.0	2.138956	Y
8	IC 200-188486/10	39.99224	100.904316	10.0	252467.0	2.523097	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

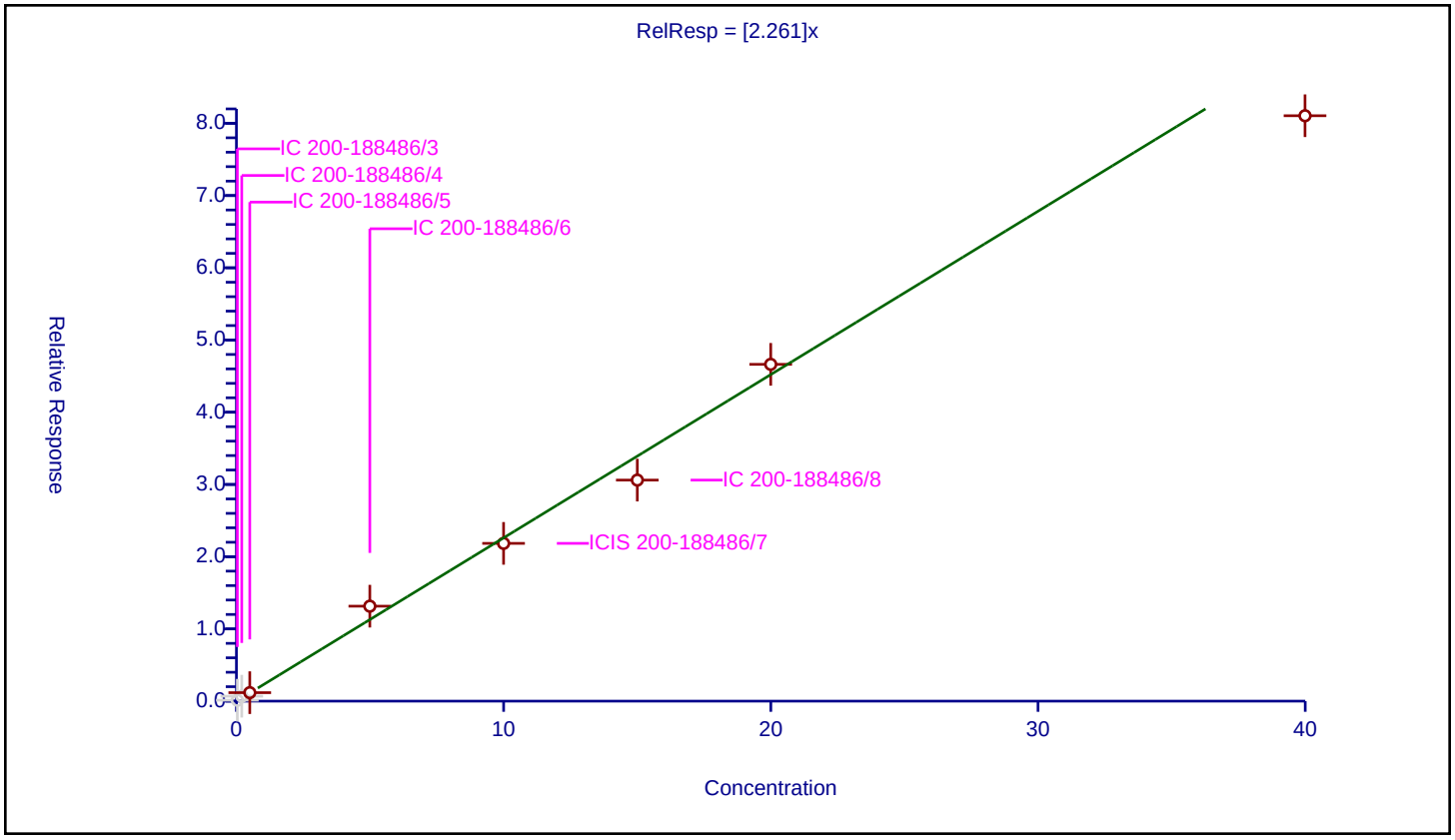
Curve Coefficients

Intercept:	0
Slope:	2.261

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	10.1
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.128898	10.0	252215.0	3.674721	N
2	IC 200-188486/4	0.20044	0.683151	10.0	249374.0	3.408261	N
3	IC 200-188486/5	0.500453	1.175395	10.0	243884.0	2.348664	Y
4	IC 200-188486/6	4.992563	13.149665	10.0	216169.0	2.633851	Y
5	ICIS 200-188486/7	9.99806	21.84215	10.0	246918.0	2.184639	Y
6	IC 200-188486/8	15.003557	30.605748	10.0	249526.0	2.0399	Y
7	IC 200-188486/9	19.99612	46.633166	10.0	257610.0	2.332111	Y
8	IC 200-188486/10	39.99224	81.051821	10.0	252467.0	2.026689	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

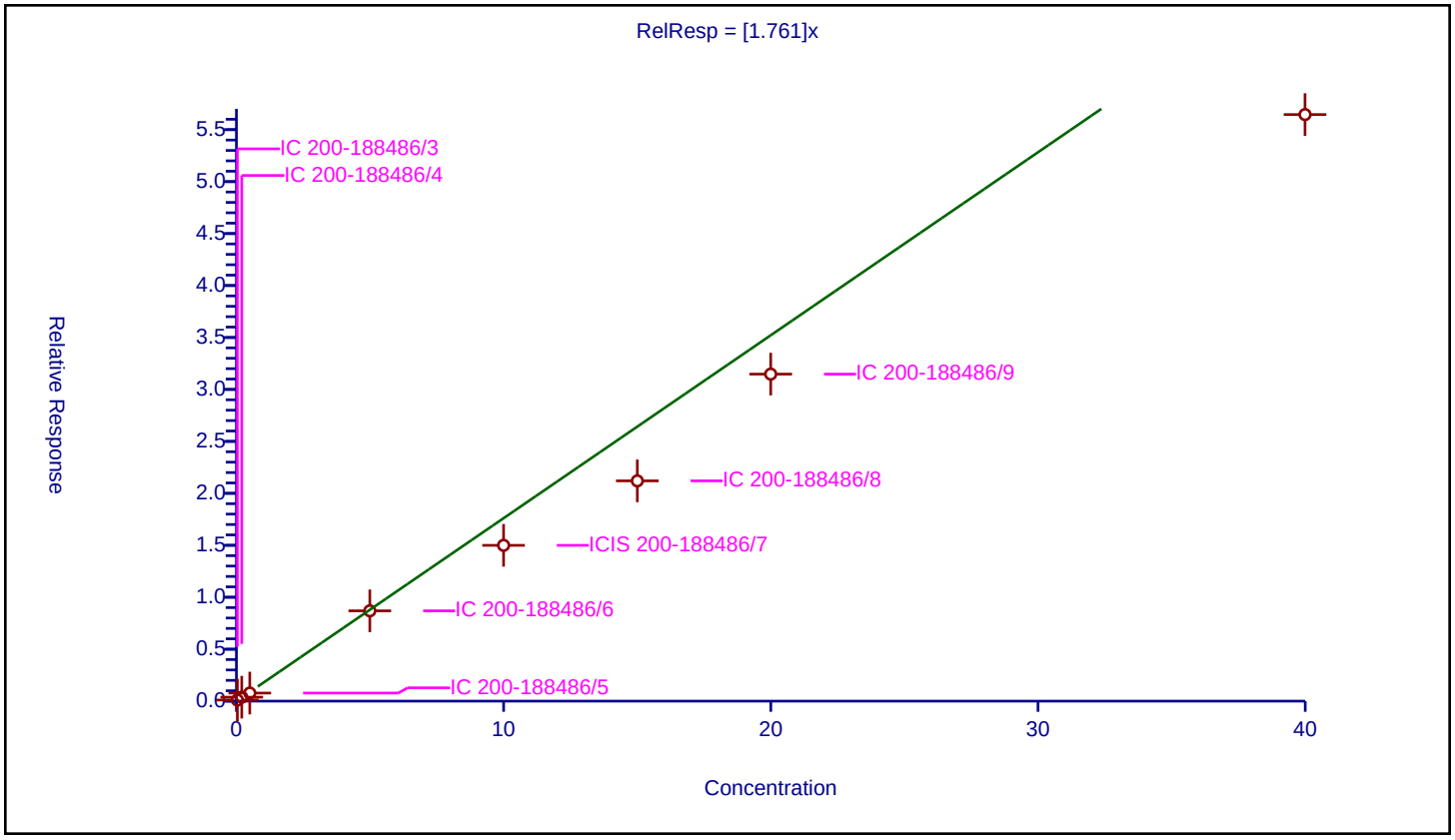
Curve Coefficients

Intercept:	0
Slope:	1.761

Error Coefficients

Standard Error:	670000
Relative Standard Error:	29.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.872

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.105228	10.0	252215.0	2.99991	Y
2	IC 200-188486/4	0.20044	0.379751	10.0	249374.0	1.89459	Y
3	IC 200-188486/5	0.500453	0.777419	10.0	243884.0	1.553431	Y
4	IC 200-188486/6	4.992563	8.691302	10.0	216169.0	1.74085	Y
5	ICIS 200-188486/7	9.99806	14.9951	10.0	246918.0	1.499801	Y
6	IC 200-188486/8	15.003557	21.200436	10.0	249526.0	1.413027	Y
7	IC 200-188486/9	19.99612	31.473817	10.0	257610.0	1.573996	Y
8	IC 200-188486/10	39.99224	56.4532	10.0	252467.0	1.411604	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

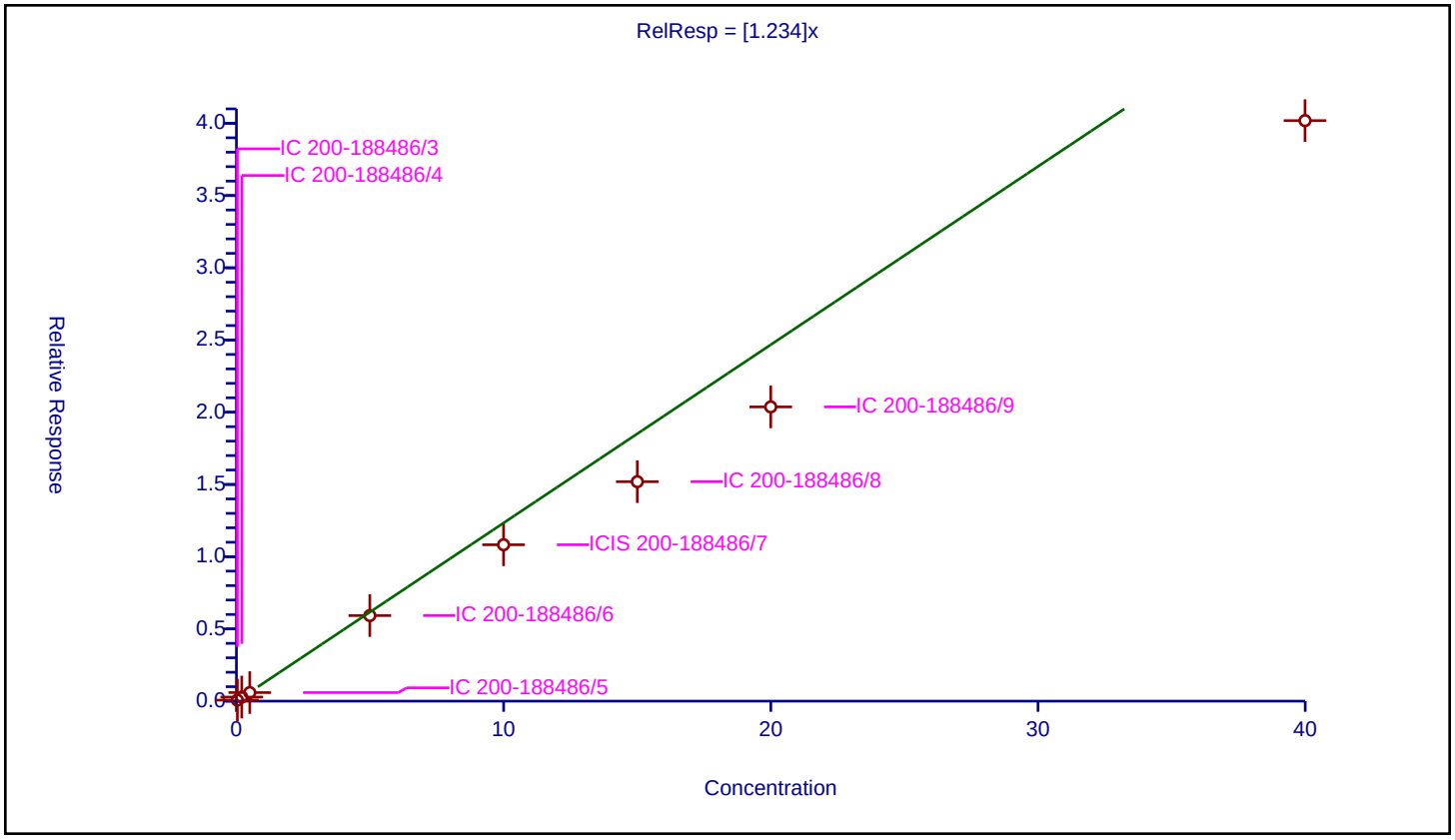
Curve Coefficients

Intercept:	0
Slope:	1.234

Error Coefficients

Standard Error:	468000
Relative Standard Error:	26.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.902

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.069306	10.0	252215.0	1.975826	Y
2	IC 200-188486/4	0.20044	0.281786	10.0	249374.0	1.405837	Y
3	IC 200-188486/5	0.500453	0.592536	10.0	243884.0	1.184	Y
4	IC 200-188486/6	4.992563	5.923051	10.0	216169.0	1.186375	Y
5	ICIS 200-188486/7	9.99806	10.825416	10.0	246918.0	1.082752	Y
6	IC 200-188486/8	15.003557	15.191523	10.0	249526.0	1.012528	Y
7	IC 200-188486/9	19.99612	20.368775	10.0	257610.0	1.018636	Y
8	IC 200-188486/10	39.99224	40.186242	10.0	252467.0	1.004851	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

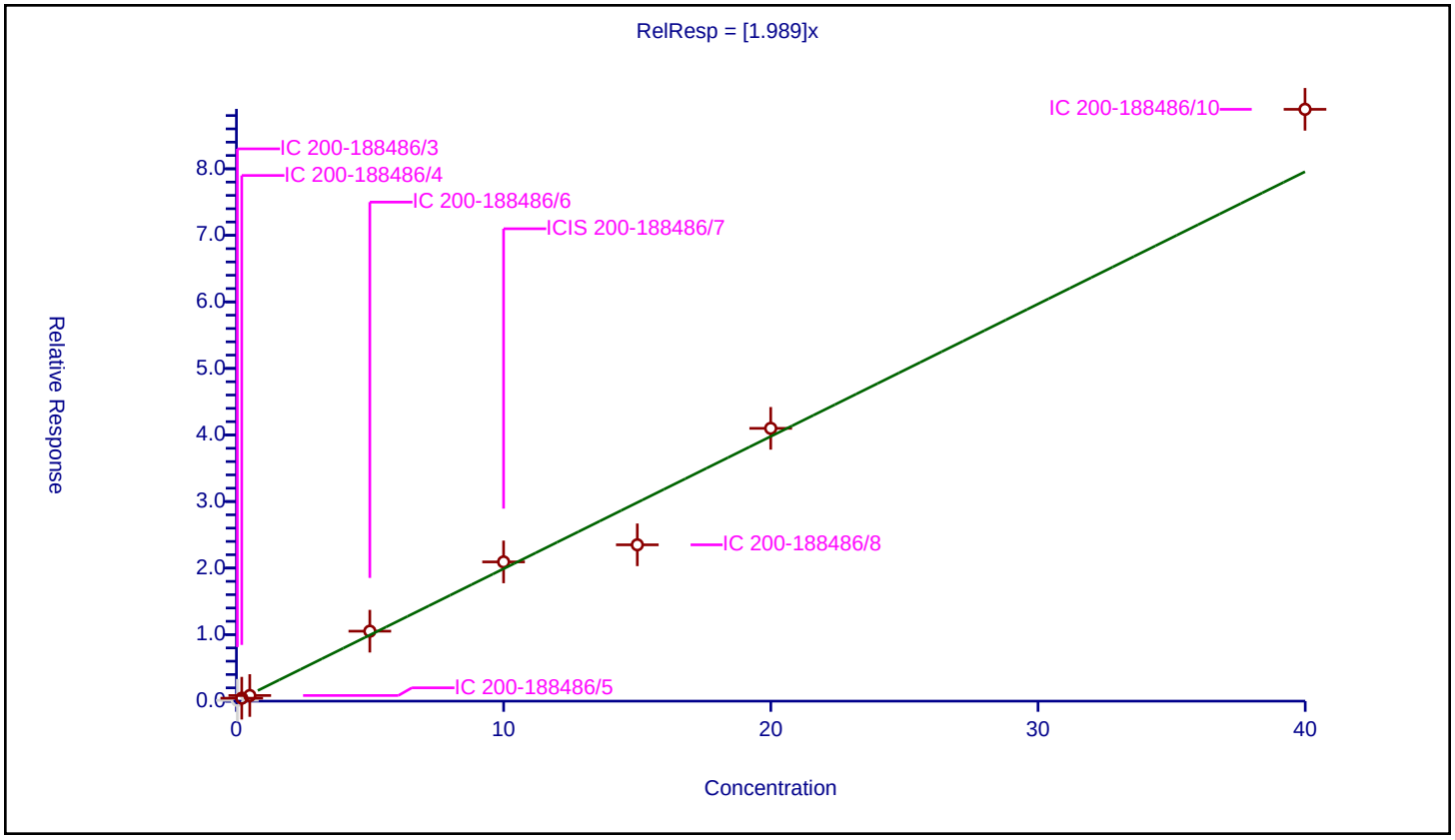
Curve Coefficients

Intercept:	0
Slope:	1.989

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	12.9
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.122911	10.0	252215.0	3.50404	N
2	IC 200-188486/4	0.20044	0.440944	10.0	249374.0	2.199885	Y
3	IC 200-188486/5	0.500453	0.844705	10.0	243884.0	1.687882	Y
4	IC 200-188486/6	4.992563	10.511683	10.0	216169.0	2.105468	Y
5	ICIS 200-188486/7	9.99806	20.922654	10.0	246918.0	2.092671	Y
6	IC 200-188486/8	15.003557	23.492822	10.0	249526.0	1.565817	Y
7	IC 200-188486/9	19.99612	40.99309	10.0	257610.0	2.050052	Y
8	IC 200-188486/10	39.99224	88.935504	10.0	252467.0	2.223819	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

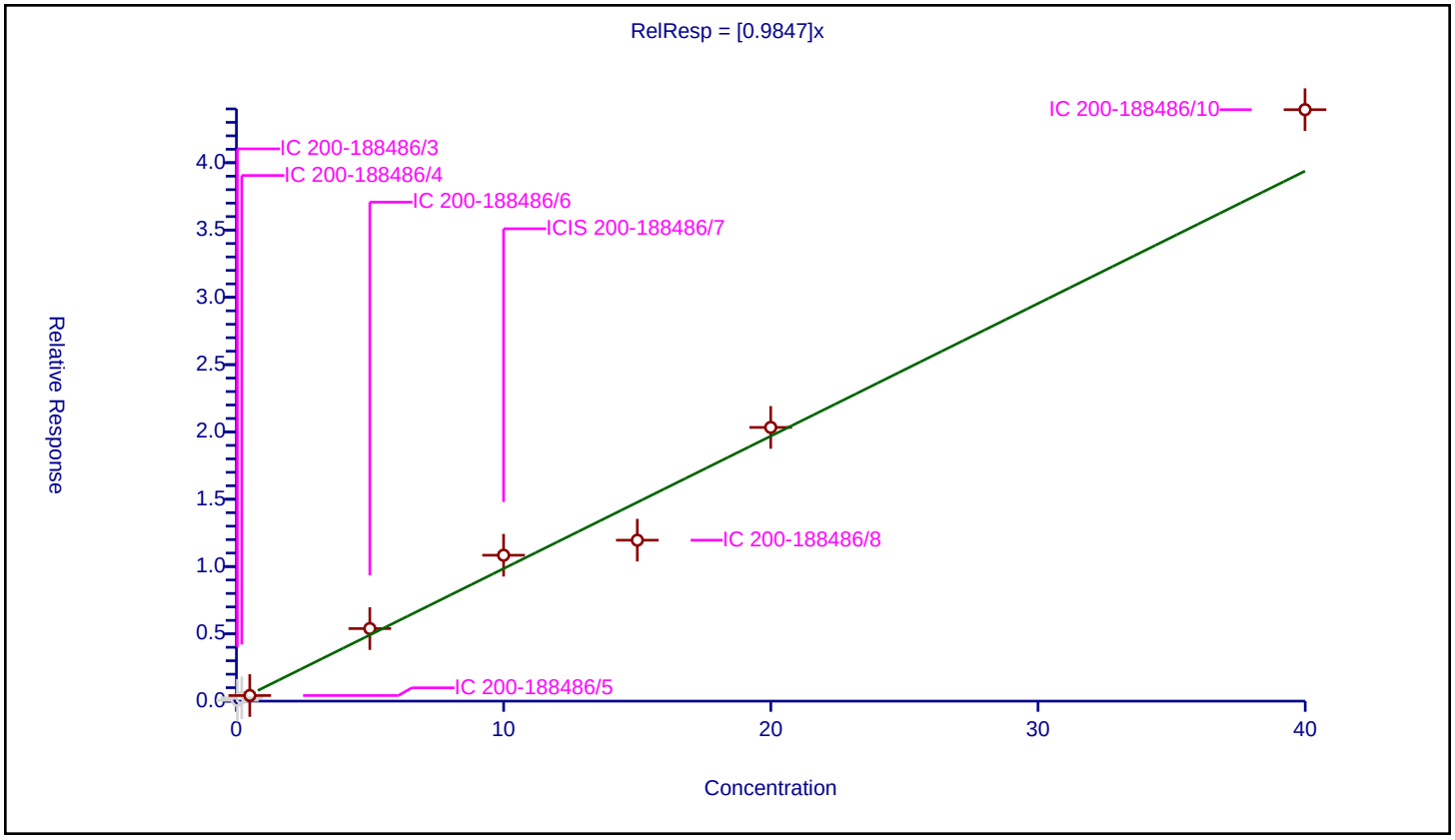
Curve Coefficients

Intercept:	0
Slope:	0.9847

Error Coefficients

Standard Error:	580000
Relative Standard Error:	13.8
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.061614	10.0	252215.0	1.756541	N
2	IC 200-188486/4	0.20044	0.250788	10.0	249374.0	1.251189	N
3	IC 200-188486/5	0.500453	0.416017	10.0	243884.0	0.831282	Y
4	IC 200-188486/6	4.992563	5.391245	10.0	216169.0	1.079855	Y
5	ICIS 200-188486/7	9.99806	10.839995	10.0	246918.0	1.08421	Y
6	IC 200-188486/8	15.003557	11.957912	10.0	249526.0	0.797005	Y
7	IC 200-188486/9	19.99612	20.336245	10.0	257610.0	1.01701	Y
8	IC 200-188486/10	39.99224	43.943248	10.0	252467.0	1.098794	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

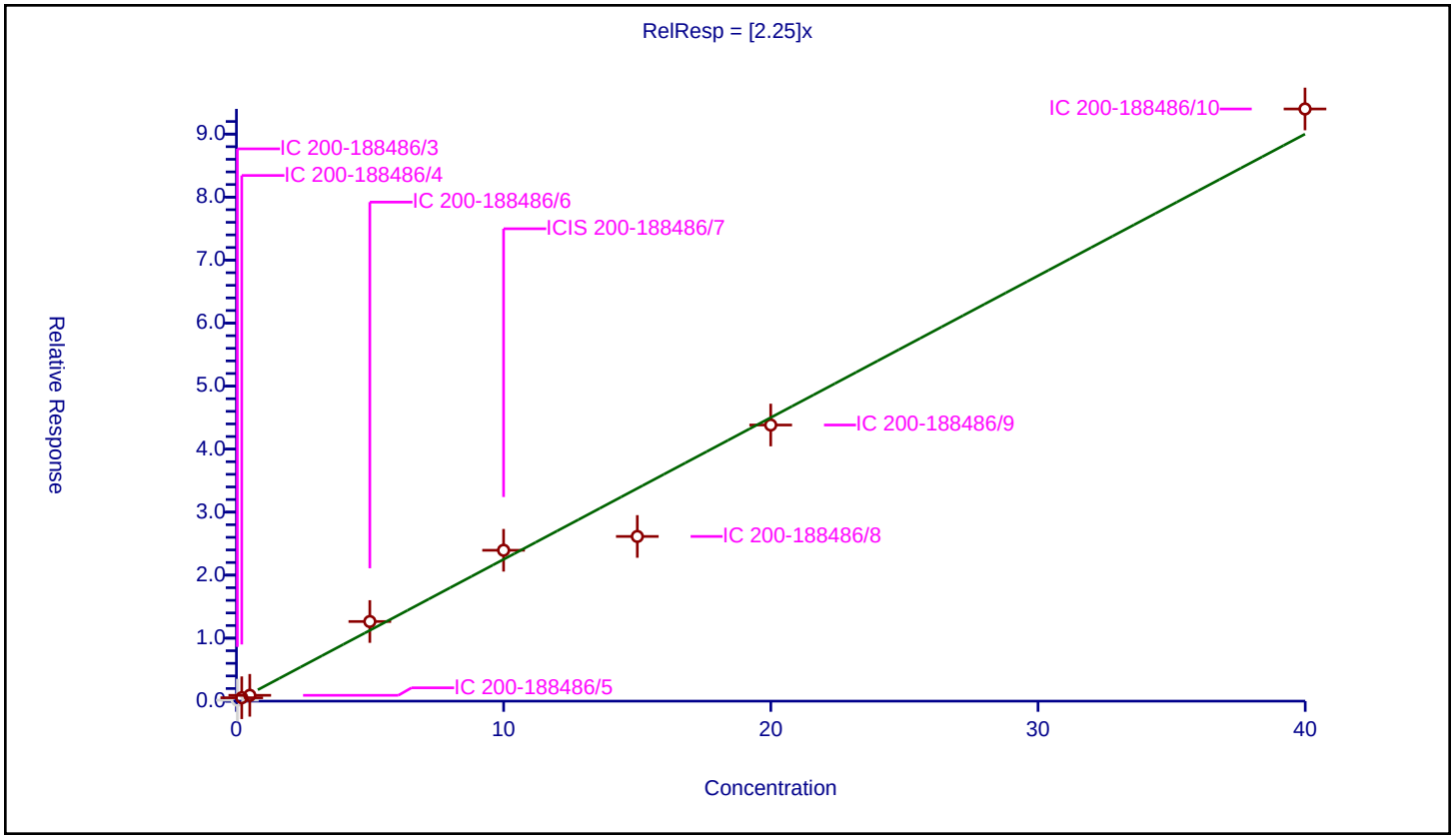
Curve Coefficients

Intercept:	0
Slope:	2.25

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	15.6
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.154075	10.0	252215.0	4.392484	N
2	IC 200-188486/4	0.20044	0.540955	10.0	249374.0	2.69884	Y
3	IC 200-188486/5	0.500453	0.92298	10.0	243884.0	1.84429	Y
4	IC 200-188486/6	4.992563	12.636271	10.0	216169.0	2.531019	Y
5	ICIS 200-188486/7	9.99806	23.946047	10.0	246918.0	2.395069	Y
6	IC 200-188486/8	15.003557	26.138198	10.0	249526.0	1.742133	Y
7	IC 200-188486/9	19.99612	43.826055	10.0	257610.0	2.191728	Y
8	IC 200-188486/10	39.99224	93.988442	10.0	252467.0	2.350167	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

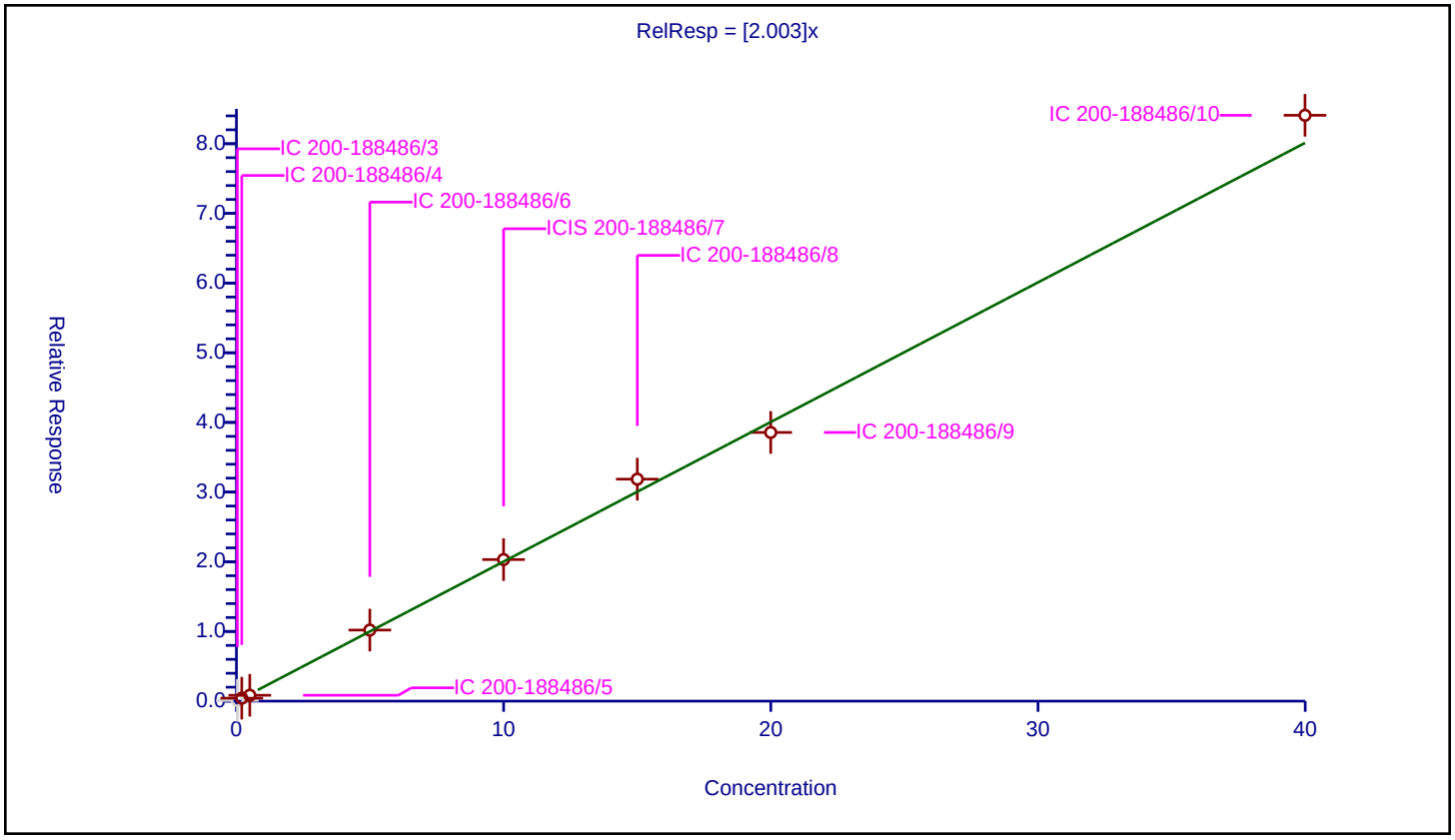
Curve Coefficients

Intercept:	0
Slope:	2.003

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.097694	10.0	252215.0	2.785147	N
2	IC 200-188486/4	0.20044	0.422297	10.0	249374.0	2.106856	Y
3	IC 200-188486/5	0.500453	0.844008	10.0	243884.0	1.686489	Y
4	IC 200-188486/6	4.992563	10.198965	10.0	216169.0	2.042831	Y
5	ICIS 200-188486/7	9.99806	20.318729	10.0	246918.0	2.032267	Y
6	IC 200-188486/8	15.003557	31.860568	10.0	249526.0	2.123534	Y
7	IC 200-188486/9	19.99612	38.563293	10.0	257610.0	1.928539	Y
8	IC 200-188486/10	39.99224	84.082395	10.0	252467.0	2.102468	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

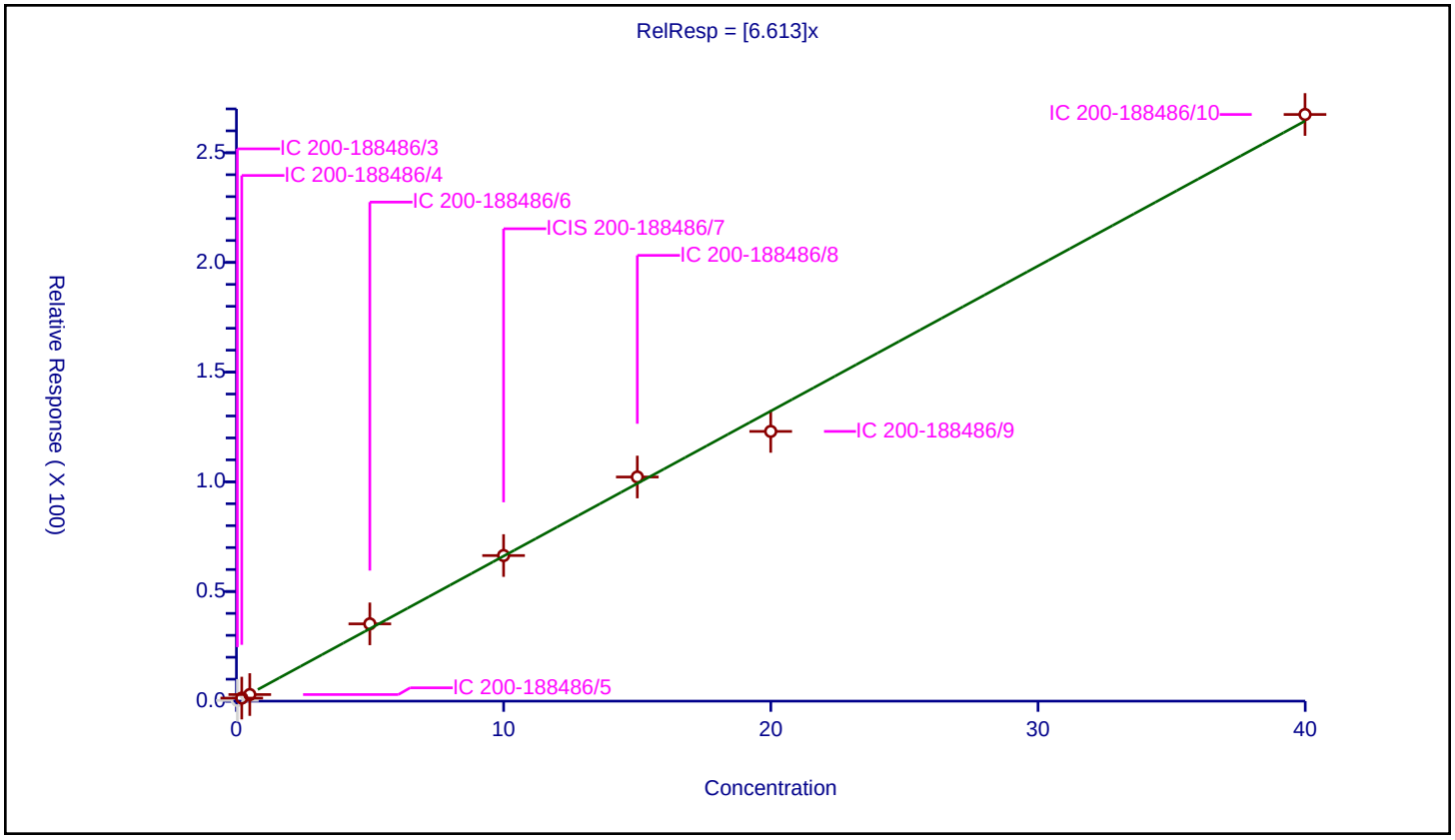
Curve Coefficients

Intercept:	0
Slope:	6.613

Error Coefficients

Standard Error:	3300000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.328172	10.0	252215.0	9.355787	N
2	IC 200-188486/4	0.20044	1.390923	10.0	249374.0	6.939359	Y
3	IC 200-188486/5	0.500453	3.007167	10.0	243884.0	6.008896	Y
4	IC 200-188486/6	4.992563	35.234284	10.0	216169.0	7.057354	Y
5	ICIS 200-188486/7	9.99806	66.369483	10.0	246918.0	6.638236	Y
6	IC 200-188486/8	15.003557	102.179572	10.0	249526.0	6.810357	Y
7	IC 200-188486/9	19.99612	122.97601	10.0	257610.0	6.149994	Y
8	IC 200-188486/10	39.99224	267.444933	10.0	252467.0	6.687421	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

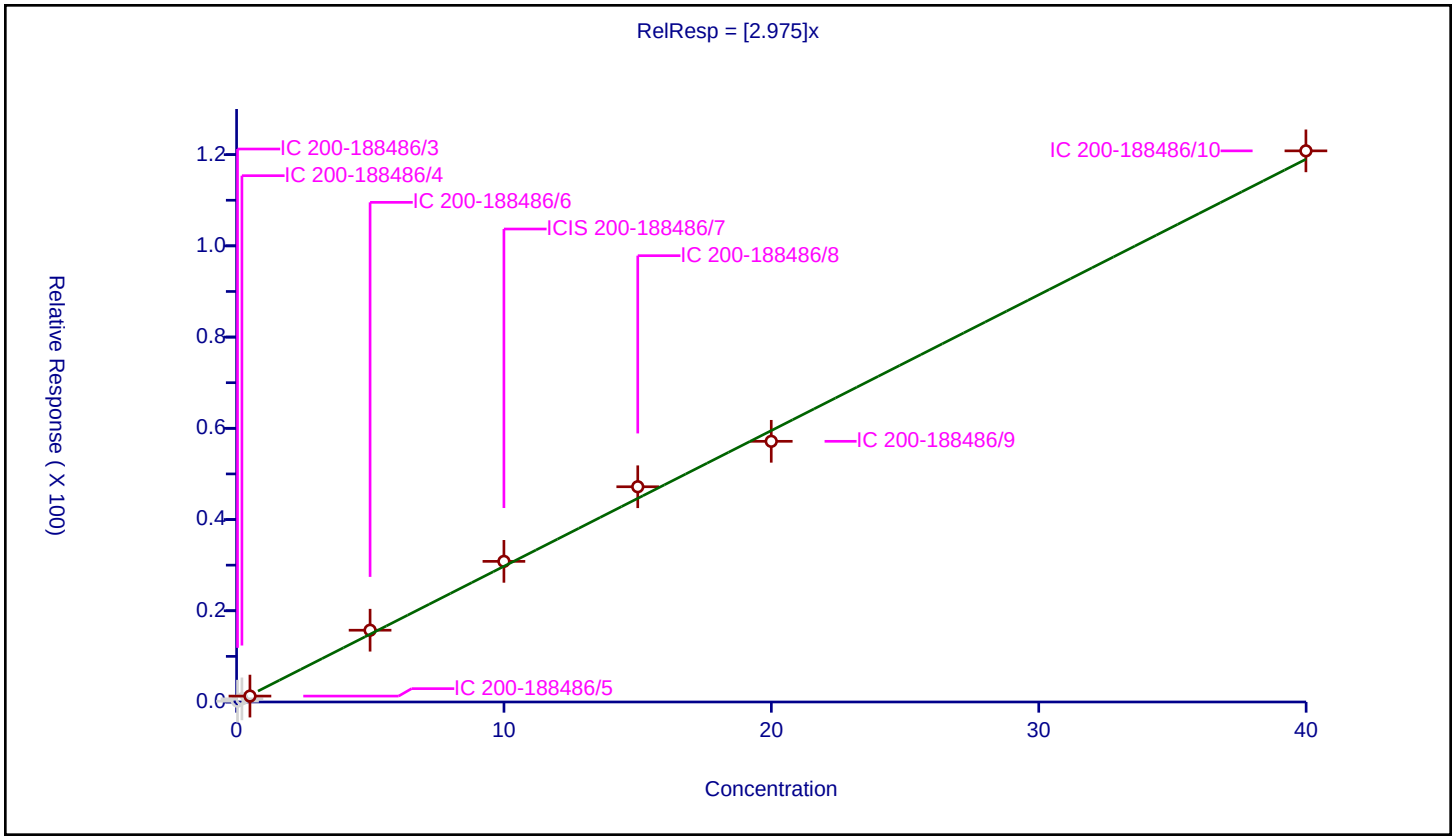
Curve Coefficients

Intercept:	0
Slope:	2.975

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.177626	10.0	252215.0	5.063903	N
2	IC 200-188486/4	0.20044	0.685316	10.0	249374.0	3.419064	N
3	IC 200-188486/5	0.500453	1.297461	10.0	243884.0	2.592575	Y
4	IC 200-188486/6	4.992563	15.733014	10.0	216169.0	3.15129	Y
5	ICIS 200-188486/7	9.99806	30.828858	10.0	246918.0	3.083484	Y
6	IC 200-188486/8	15.003557	47.189551	10.0	249526.0	3.145224	Y
7	IC 200-188486/9	19.99612	57.14848	10.0	257610.0	2.857978	Y
8	IC 200-188486/10	39.99224	120.827395	10.0	252467.0	3.021271	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

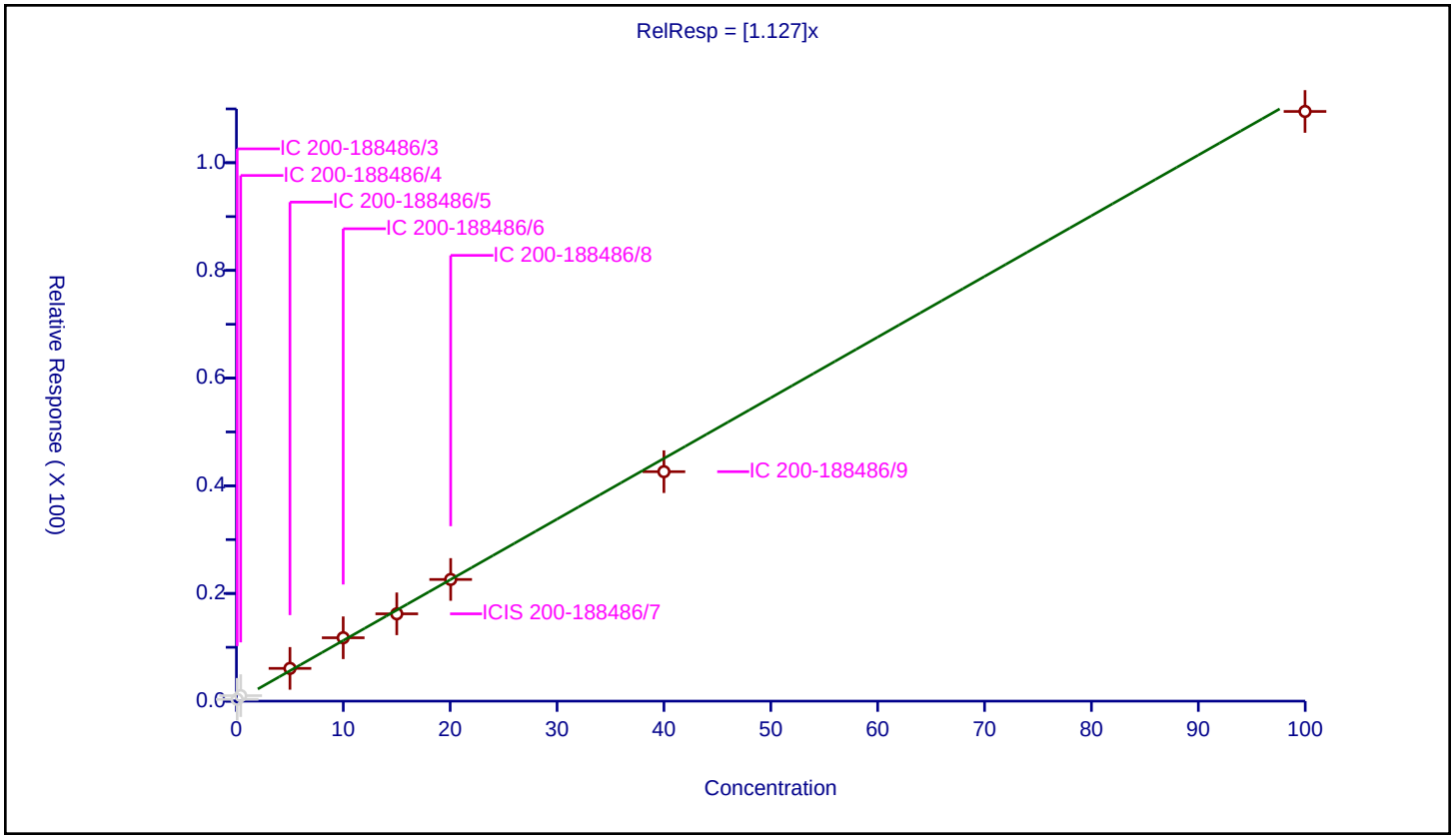
Curve Coefficients

Intercept:	0
Slope:	1.127

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.070165	0.332851	10.0	252215.0	4.743816	N
2	IC 200-188486/4	0.400944	1.019393	10.0	249374.0	2.54248	N
3	IC 200-188486/5	5.010638	6.08404	10.0	243884.0	1.214225	Y
4	IC 200-188486/6	9.991593	11.770235	10.0	216169.0	1.178014	Y
5	ICIS 200-188486/7	15.003557	16.216517	10.0	246918.0	1.080845	Y
6	IC 200-188486/8	20.047856	22.60029	10.0	249526.0	1.127317	Y
7	IC 200-188486/9	39.998707	42.619891	10.0	257610.0	1.065532	Y
8	IC 200-188486/10	99.980599	109.524651	10.0	252467.0	1.095459	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

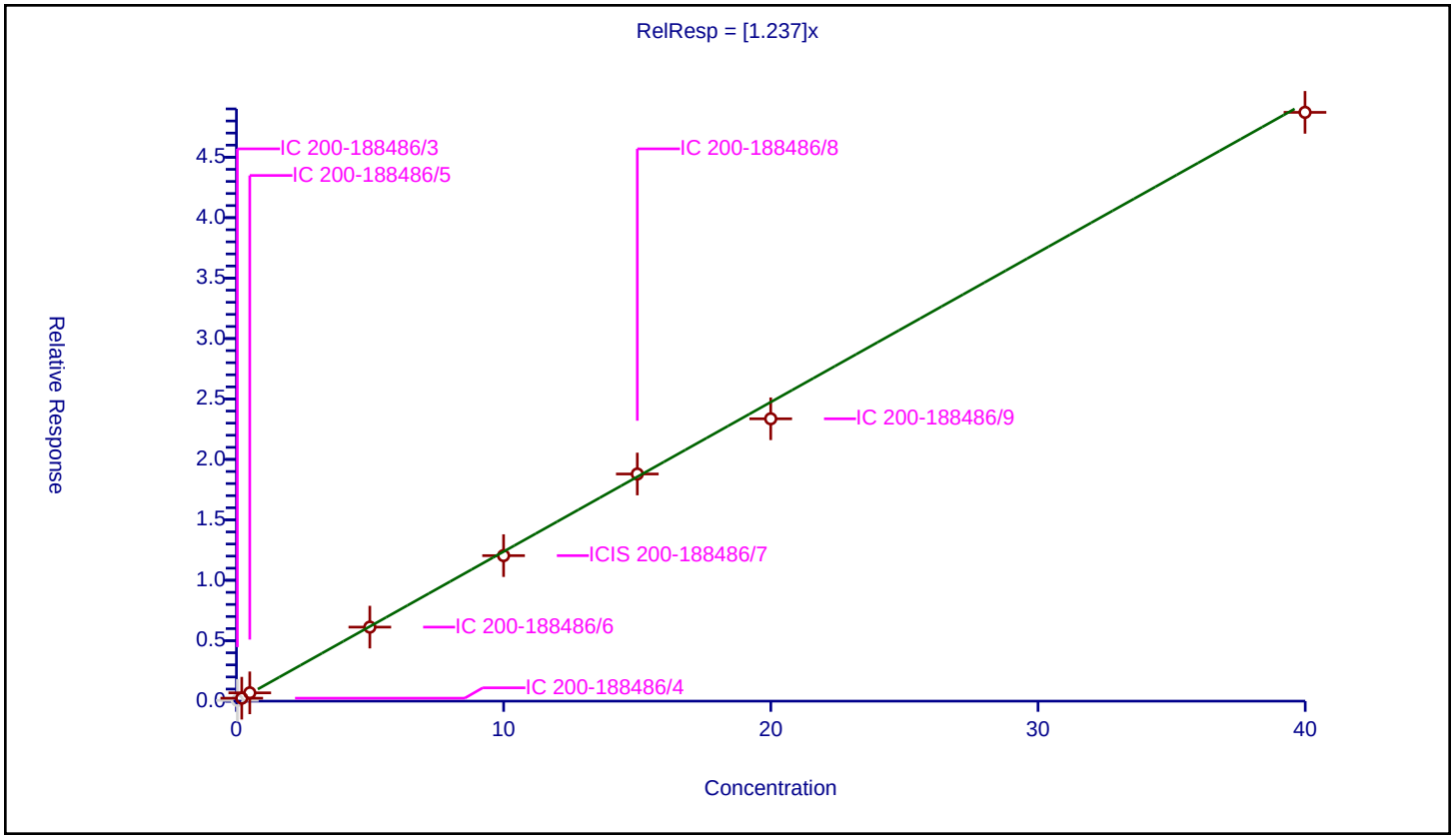
Curve Coefficients

Intercept:	0
Slope:	1.237

Error Coefficients

Standard Error:	606000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.061733	10.0	252215.0	1.759932	N
2	IC 200-188486/4	0.20044	0.244252	10.0	249374.0	1.218579	Y
3	IC 200-188486/5	0.500453	0.68672	10.0	243884.0	1.372198	Y
4	IC 200-188486/6	4.992563	6.124884	10.0	216169.0	1.226802	Y
5	ICIS 200-188486/7	9.99806	12.038693	10.0	246918.0	1.204103	Y
6	IC 200-188486/8	15.003557	18.793192	10.0	249526.0	1.252582	Y
7	IC 200-188486/9	19.99612	23.360196	10.0	257610.0	1.168236	Y
8	IC 200-188486/10	39.99224	48.714485	10.0	252467.0	1.218098	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

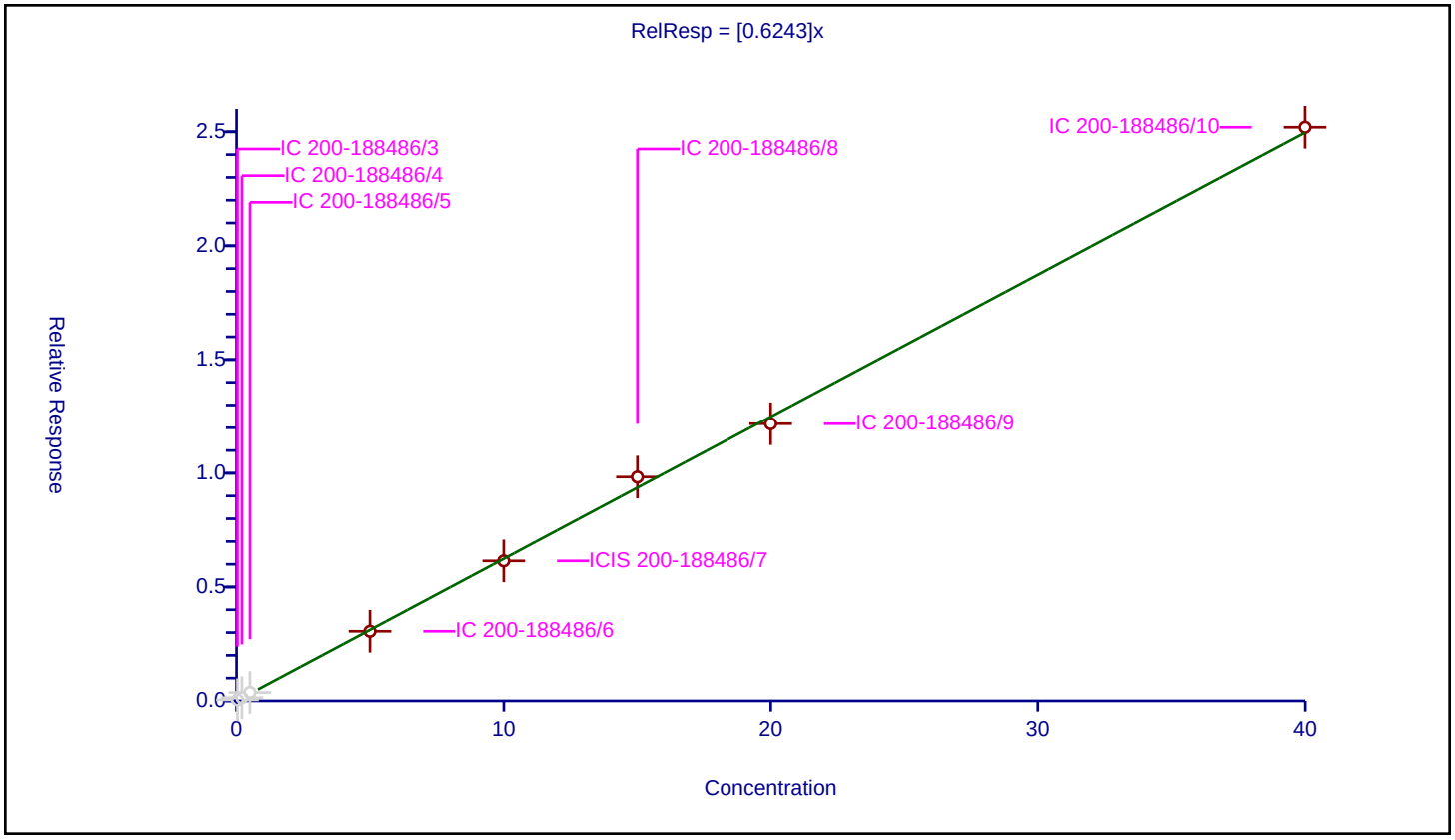
Curve Coefficients

Intercept:	0
Slope:	0.6243

Error Coefficients

Standard Error:	384000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.046072	10.0	252215.0	1.31345	N
2	IC 200-188486/4	0.20044	0.141394	10.0	249374.0	0.70542	N
3	IC 200-188486/5	0.500453	0.36911	10.0	243884.0	0.737552	N
4	IC 200-188486/6	4.992563	3.056821	10.0	216169.0	0.612275	Y
5	ICIS 200-188486/7	9.99806	6.147304	10.0	246918.0	0.61485	Y
6	IC 200-188486/8	15.003557	9.833124	10.0	249526.0	0.655386	Y
7	IC 200-188486/9	19.99612	12.176779	10.0	257610.0	0.608957	Y
8	IC 200-188486/10	39.99224	25.200204	10.0	252467.0	0.630127	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

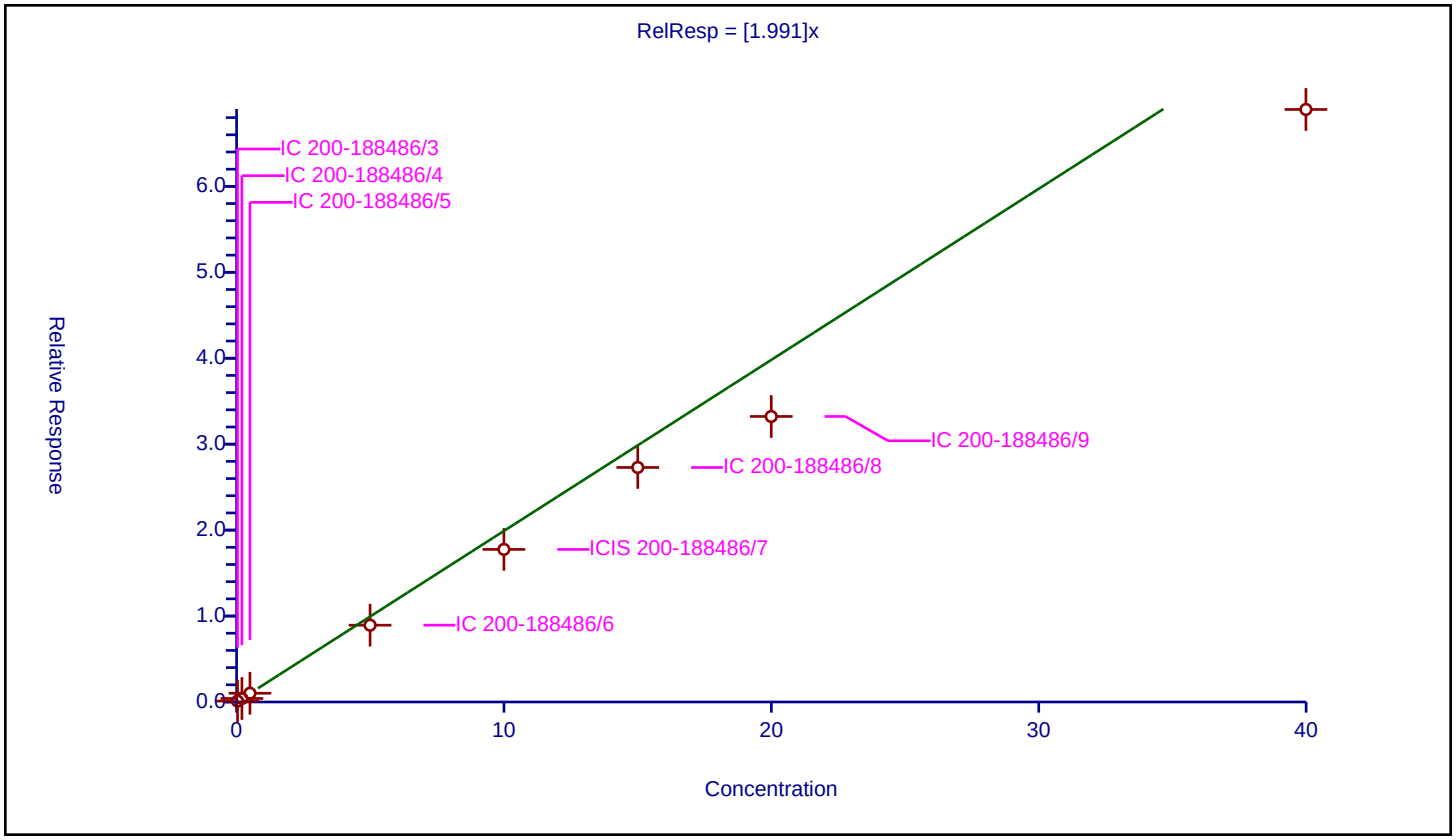
Curve Coefficients

Intercept:	0
Slope:	1.991

Error Coefficients

Standard Error:	798000
Relative Standard Error:	23.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.927

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.108281	10.0	252215.0	3.086946	Y
2	IC 200-188486/4	0.20044	0.407821	10.0	249374.0	2.034633	Y
3	IC 200-188486/5	0.500453	1.017041	10.0	243884.0	2.032242	Y
4	IC 200-188486/6	4.992563	8.938238	10.0	216169.0	1.790311	Y
5	ICIS 200-188486/7	9.99806	17.754801	10.0	246918.0	1.775825	Y
6	IC 200-188486/8	15.003557	27.28926	10.0	249526.0	1.818853	Y
7	IC 200-188486/9	19.99612	33.223866	10.0	257610.0	1.661516	Y
8	IC 200-188486/10	39.99224	68.946714	10.0	252467.0	1.724002	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

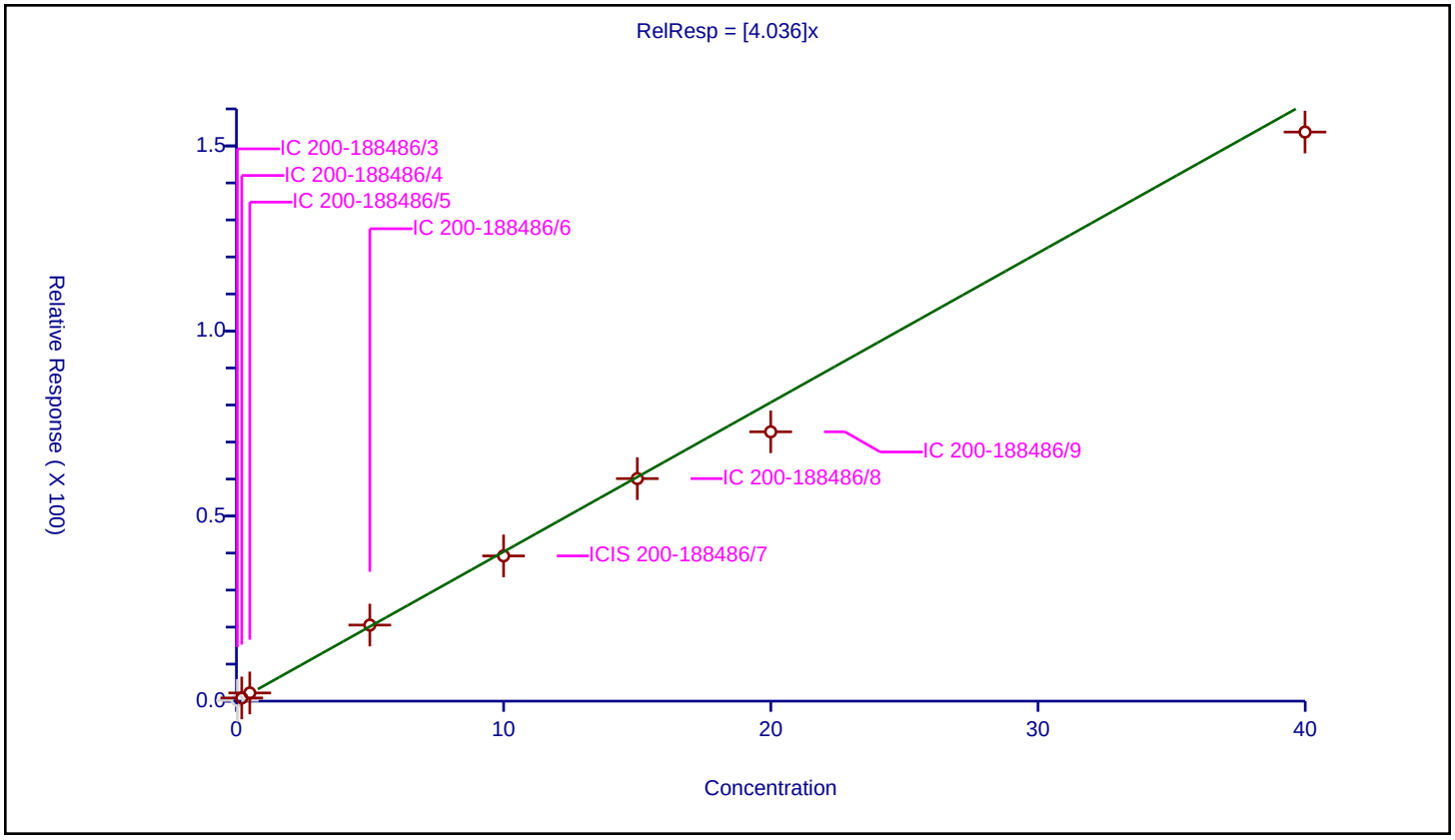
Curve Coefficients

Intercept:	0
Slope:	4.036

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.20201	10.0	252215.0	5.759059	N
2	IC 200-188486/4	0.20044	0.860475	10.0	249374.0	4.292936	Y
3	IC 200-188486/5	0.500453	2.214208	10.0	243884.0	4.424412	Y
4	IC 200-188486/6	4.992563	20.553271	10.0	216169.0	4.116778	Y
5	ICIS 200-188486/7	9.99806	39.234037	10.0	246918.0	3.924165	Y
6	IC 200-188486/8	15.003557	60.119867	10.0	249526.0	4.007041	Y
7	IC 200-188486/9	19.99612	72.763907	10.0	257610.0	3.638901	Y
8	IC 200-188486/10	39.99224	153.748173	10.0	252467.0	3.84445	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

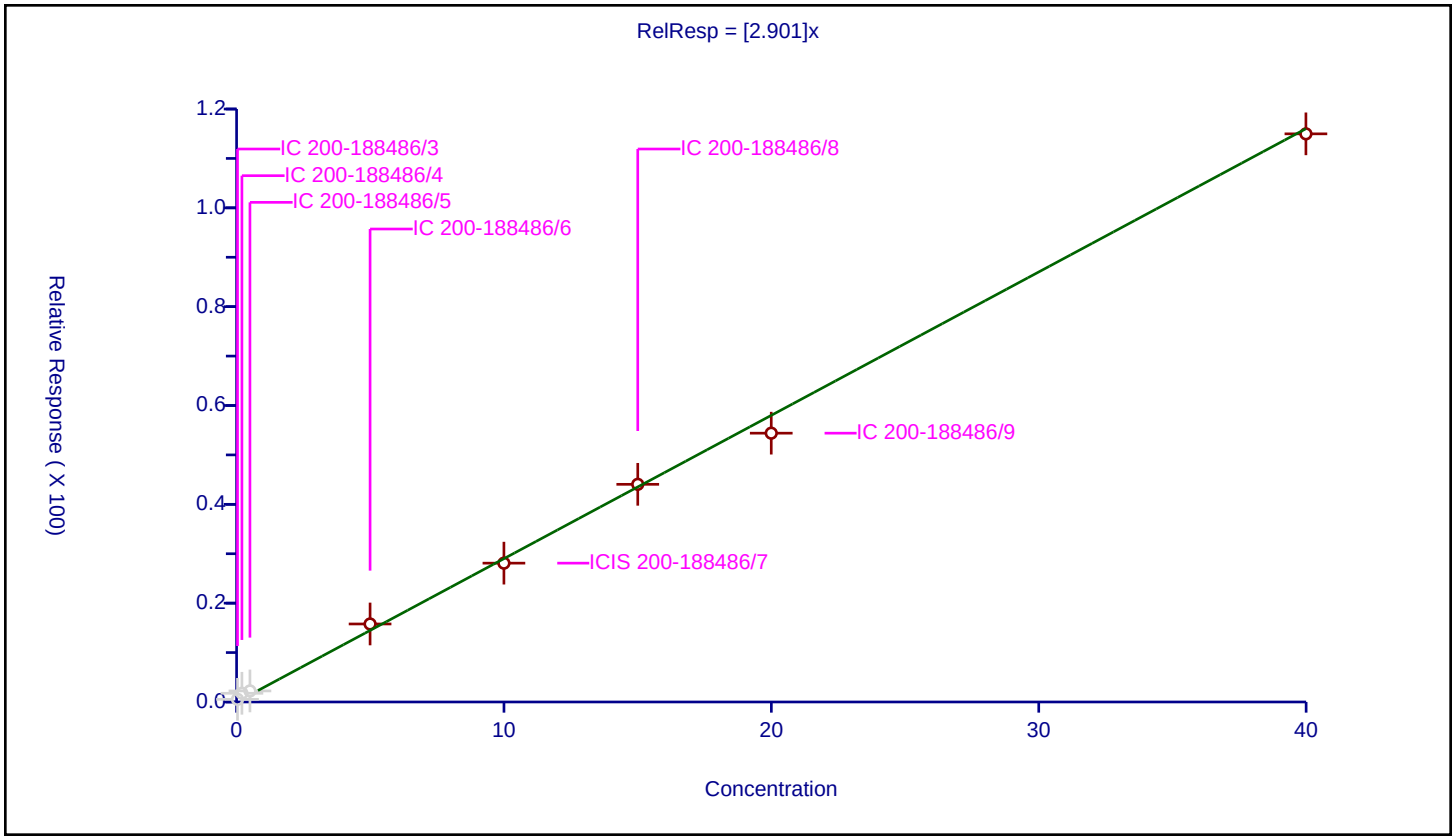
Curve Coefficients

Intercept:	0
Slope:	2.901

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.538588	10.0	252215.0	15.354477	N
2	IC 200-188486/4	0.20044	1.763375	10.0	249374.0	8.797538	N
3	IC 200-188486/5	0.500453	2.237293	10.0	243884.0	4.47054	N
4	IC 200-188486/6	4.992563	15.787509	10.0	216169.0	3.162205	Y
5	ICIS 200-188486/7	9.99806	28.095441	10.0	246918.0	2.810089	Y
6	IC 200-188486/8	15.003557	44.051241	10.0	249526.0	2.936053	Y
7	IC 200-188486/9	19.99612	54.402236	10.0	257610.0	2.72064	Y
8	IC 200-188486/10	39.99224	114.978354	10.0	252467.0	2.875017	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

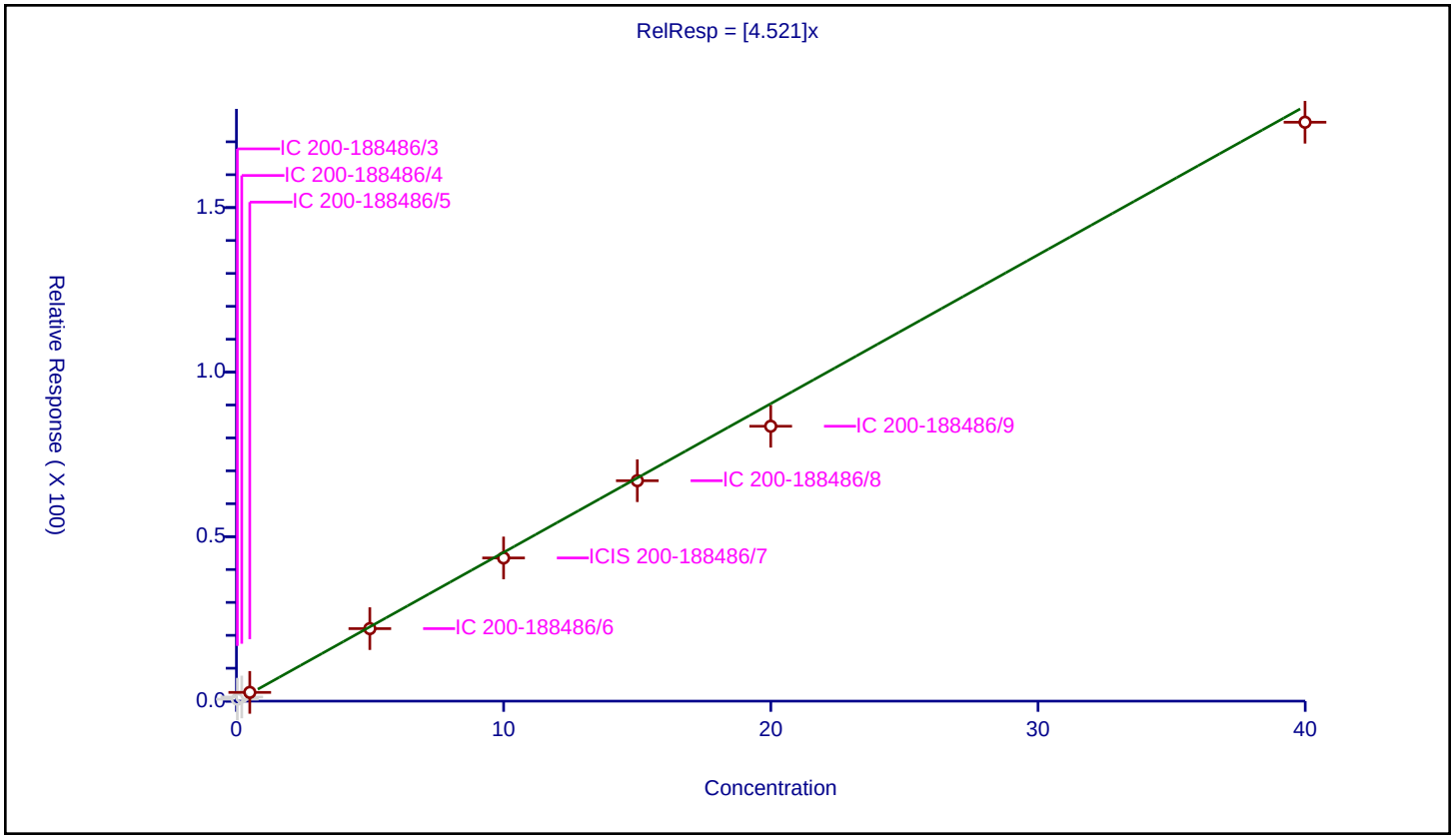
Curve Coefficients

Intercept:	0
Slope:	4.521

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.592312	10.0	252215.0	16.886082	N
2	IC 200-188486/4	0.20044	1.261519	10.0	249374.0	6.293758	N
3	IC 200-188486/5	0.500453	2.660732	10.0	243884.0	5.316652	Y
4	IC 200-188486/6	4.992563	22.036786	10.0	216169.0	4.413923	Y
5	ICIS 200-188486/7	9.99806	43.524976	10.0	246918.0	4.353342	Y
6	IC 200-188486/8	15.003557	67.000232	10.0	249526.0	4.465623	Y
7	IC 200-188486/9	19.99612	83.549785	10.0	257610.0	4.1783	Y
8	IC 200-188486/10	39.99224	175.947946	10.0	252467.0	4.399552	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

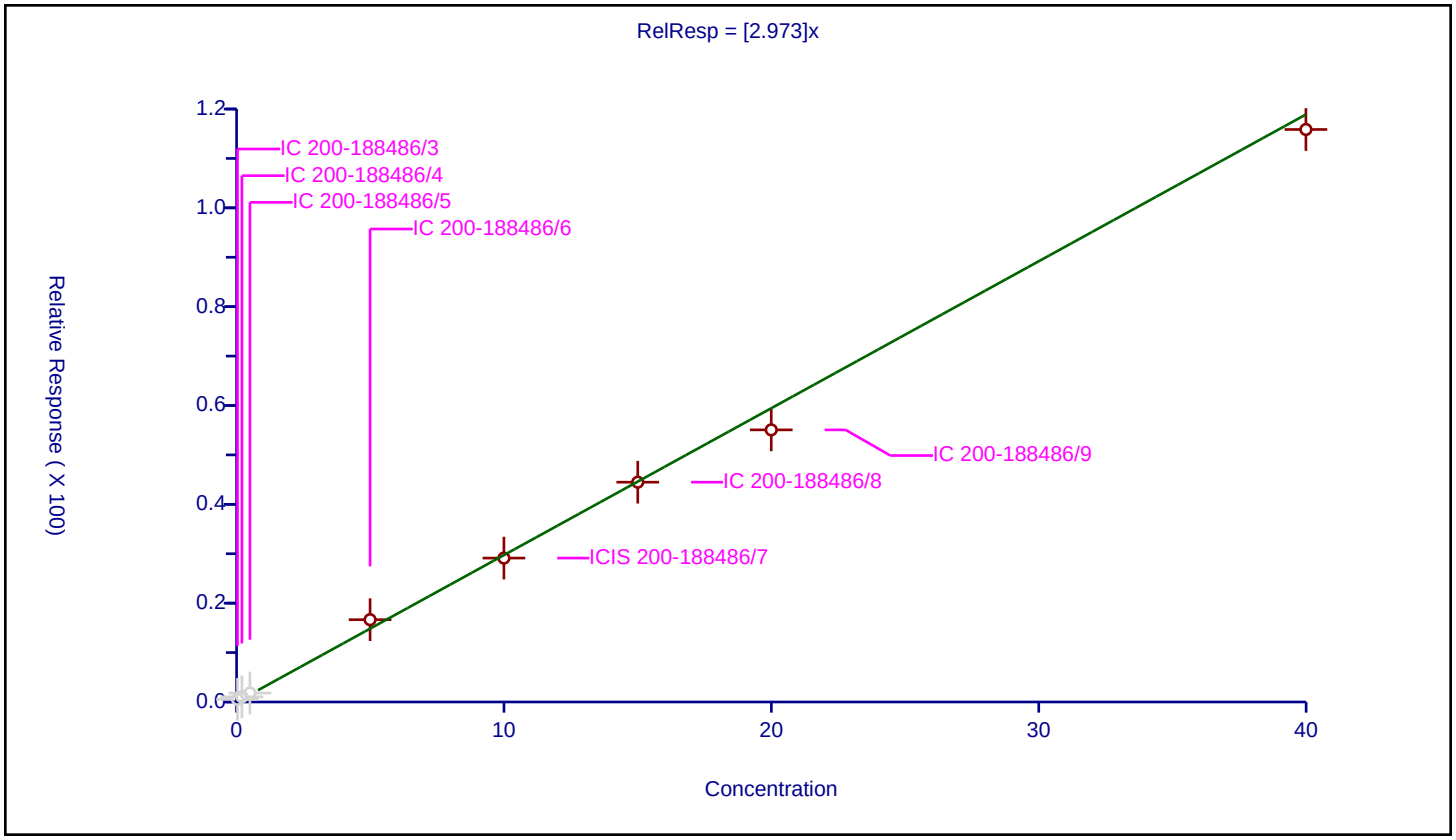
Curve Coefficients

Intercept:	0
Slope:	2.973

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.534385	10.0	252215.0	15.234662	N
2	IC 200-188486/4	0.20044	1.042049	10.0	249374.0	5.198818	N
3	IC 200-188486/5	0.500453	1.809344	10.0	243884.0	3.615415	N
4	IC 200-188486/6	4.992563	16.65706	10.0	216169.0	3.336375	Y
5	ICIS 200-188486/7	9.99806	29.120032	10.0	246918.0	2.912568	Y
6	IC 200-188486/8	15.003557	44.480335	10.0	249526.0	2.964653	Y
7	IC 200-188486/9	19.99612	55.068825	10.0	257610.0	2.753976	Y
8	IC 200-188486/10	39.99224	115.856171	10.0	252467.0	2.896966	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

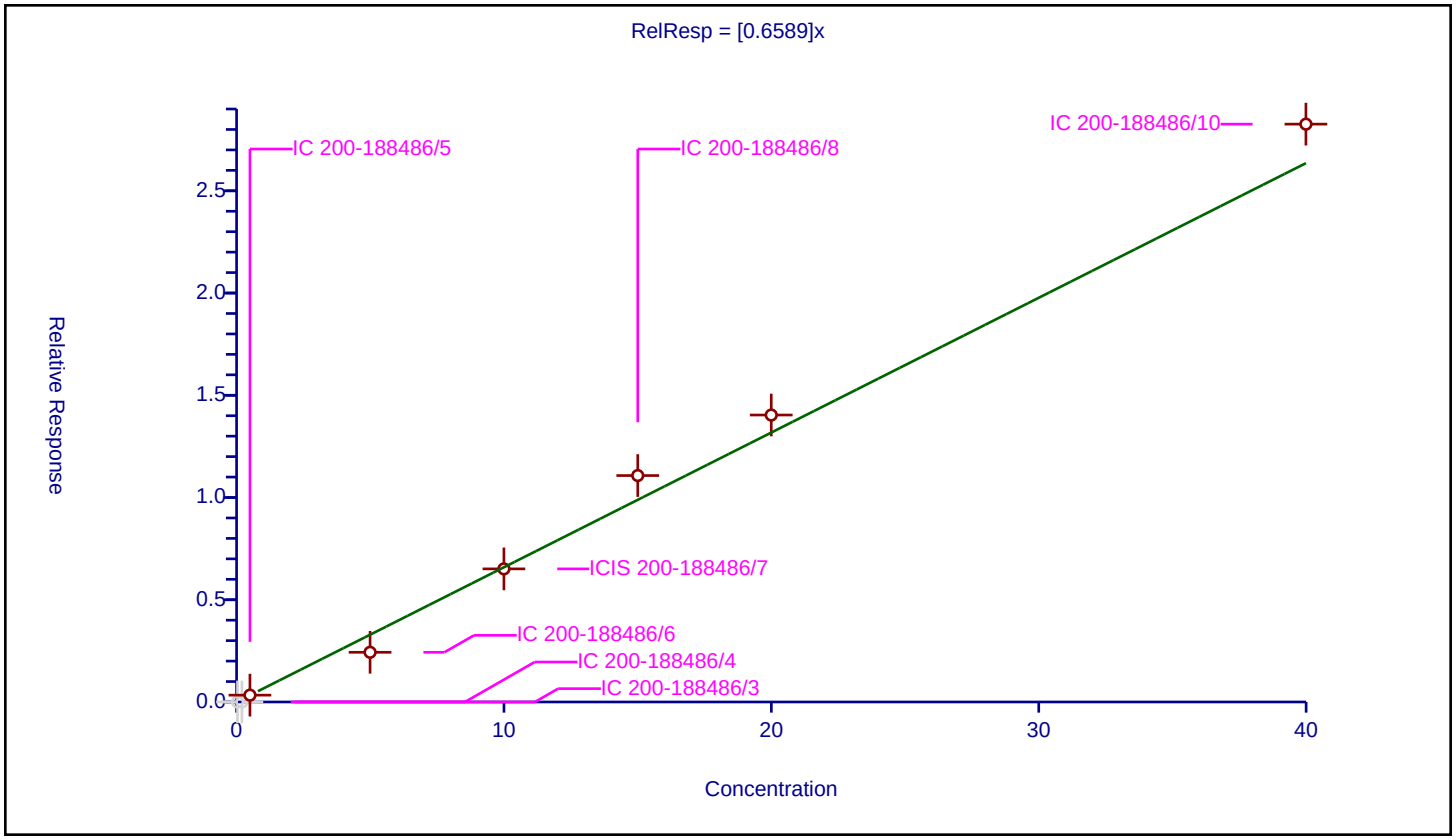
Curve Coefficients

Intercept:	0
Slope:	0.6589

Error Coefficients

Standard Error:	386000
Relative Standard Error:	13.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.0	10.0	252215.0	0.0	N
2	IC 200-188486/4	0.20044	0.0	10.0	249374.0	0.0	N
3	IC 200-188486/5	0.500453	0.334872	10.0	243884.0	0.669139	Y
4	IC 200-188486/6	4.992563	2.429904	10.0	216169.0	0.486705	Y
5	ICIS 200-188486/7	9.99806	6.509246	10.0	246918.0	0.651051	Y
6	IC 200-188486/8	15.003557	11.074397	10.0	249526.0	0.738118	Y
7	IC 200-188486/9	19.99612	14.034083	10.0	257610.0	0.70184	Y
8	IC 200-188486/10	39.99224	28.260565	10.0	252467.0	0.706651	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

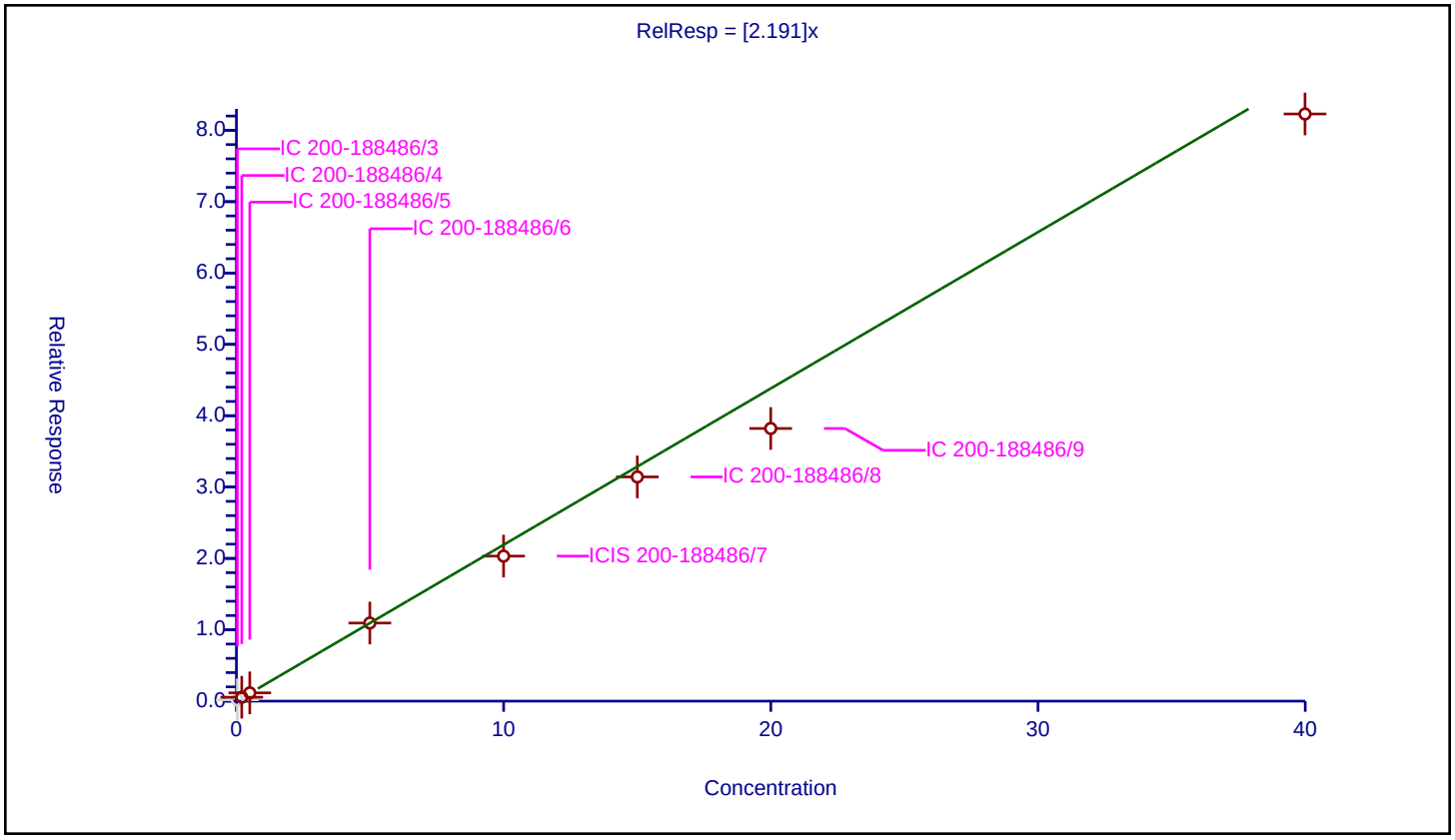
Curve Coefficients

Intercept:	0
Slope:	2.191

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.181948	10.0	252215.0	5.18711	N
2	IC 200-188486/4	0.20044	0.547611	10.0	249374.0	2.73205	Y
3	IC 200-188486/5	0.500453	1.159609	10.0	243884.0	2.31712	Y
4	IC 200-188486/6	4.992563	10.946297	10.0	216169.0	2.192521	Y
5	ICIS 200-188486/7	9.99806	20.3261	10.0	246918.0	2.033004	Y
6	IC 200-188486/8	15.003557	31.422016	10.0	249526.0	2.094304	Y
7	IC 200-188486/9	19.99612	38.213967	10.0	257610.0	1.911069	Y
8	IC 200-188486/10	39.99224	82.28723	10.0	252467.0	2.05758	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

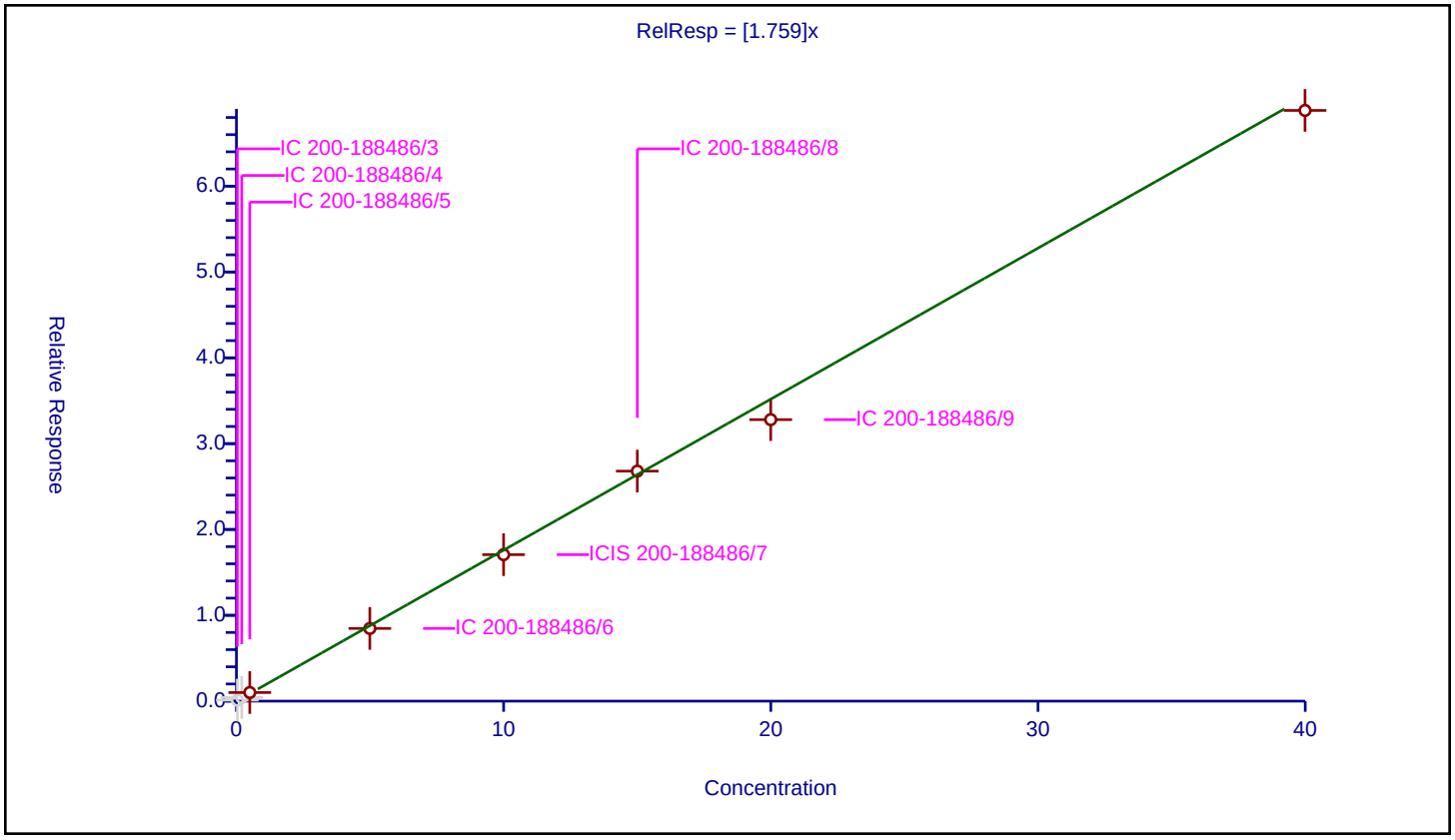
Curve Coefficients

Intercept:	0
Slope:	1.759

Error Coefficients

Standard Error:	937000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.120413	10.0	252215.0	3.432829	N
2	IC 200-188486/4	0.20044	0.422137	10.0	249374.0	2.106055	N
3	IC 200-188486/5	0.500453	1.00351	10.0	243884.0	2.005205	Y
4	IC 200-188486/6	4.992563	8.468976	10.0	216169.0	1.696318	Y
5	ICIS 200-188486/7	9.99806	17.06522	10.0	246918.0	1.706853	Y
6	IC 200-188486/8	15.003557	26.800494	10.0	249526.0	1.786276	Y
7	IC 200-188486/9	19.99612	32.796398	10.0	257610.0	1.640138	Y
8	IC 200-188486/10	39.99224	68.822222	10.0	252467.0	1.720889	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

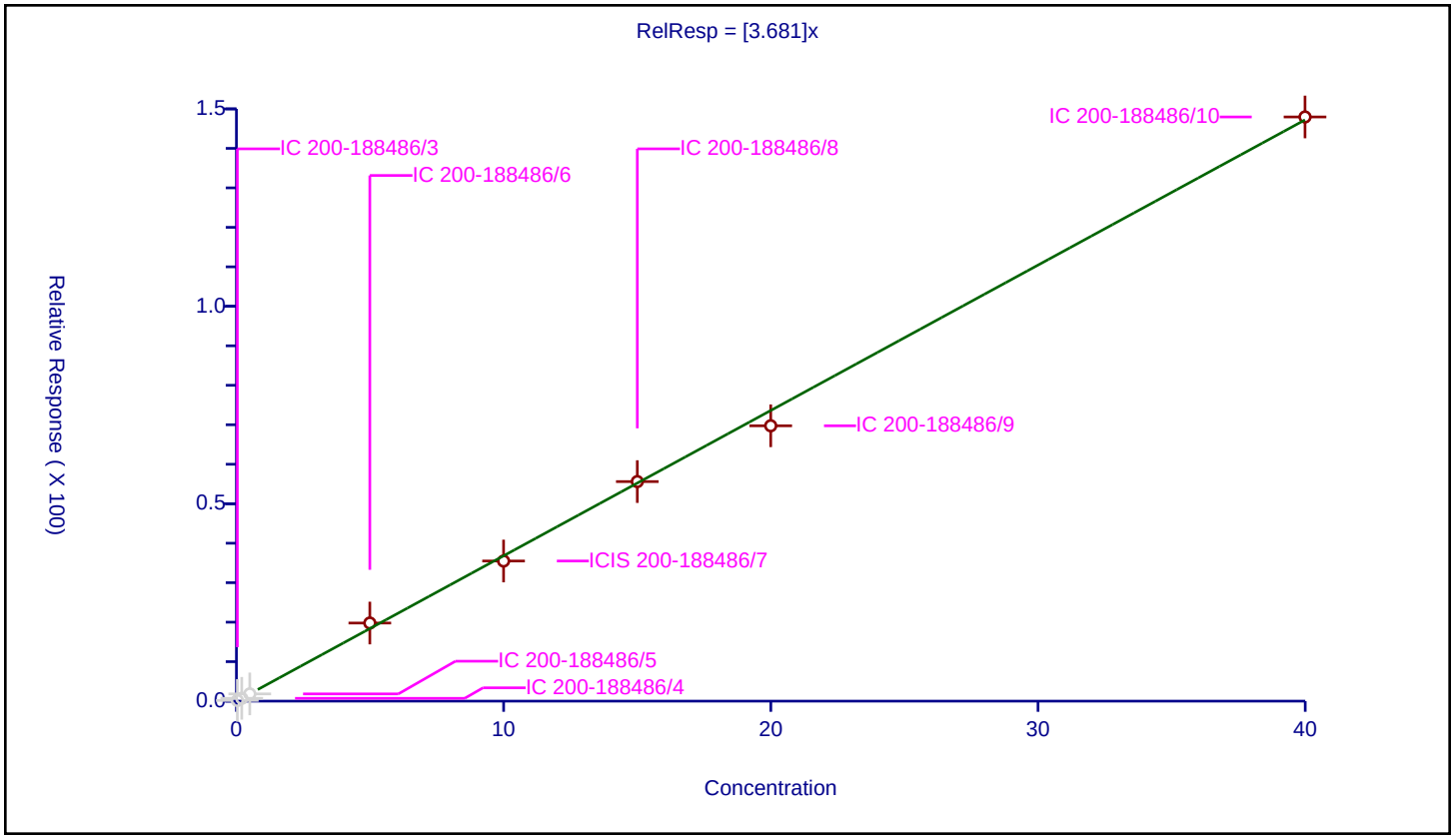
Curve Coefficients

Intercept:	0
Slope:	3.681

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.174375	10.0	252215.0	4.971216	N
2	IC 200-188486/4	0.20044	0.710579	10.0	249374.0	3.545103	N
3	IC 200-188486/5	0.500453	1.833003	10.0	243884.0	3.66269	N
4	IC 200-188486/6	4.992563	19.784937	10.0	216169.0	3.962882	Y
5	ICIS 200-188486/7	9.99806	35.489069	10.0	246918.0	3.549596	Y
6	IC 200-188486/8	15.003557	55.604987	10.0	249526.0	3.70612	Y
7	IC 200-188486/9	19.99612	69.743255	10.0	257610.0	3.487839	Y
8	IC 200-188486/10	39.99224	147.955416	10.0	252467.0	3.699603	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

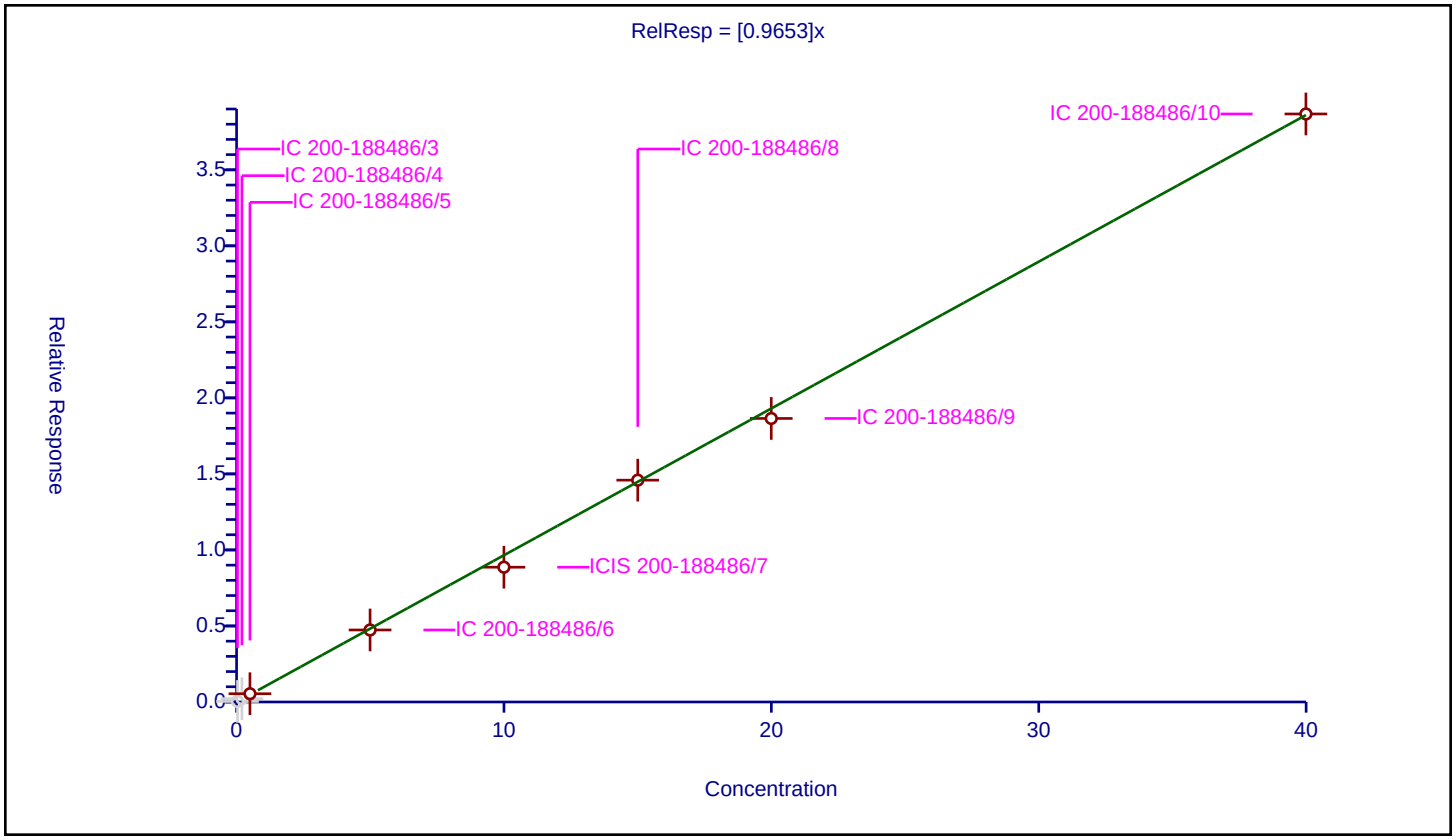
Curve Coefficients

Intercept:	0
Slope:	0.9653

Error Coefficients

Standard Error:	524000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.03616	10.0	252215.0	1.030866	N
2	IC 200-188486/4	0.20044	0.220151	10.0	249374.0	1.098342	N
3	IC 200-188486/5	0.500453	0.542594	10.0	243884.0	1.084207	Y
4	IC 200-188486/6	4.992563	4.736017	10.0	216169.0	0.948614	Y
5	ICIS 200-188486/7	9.99806	8.864967	10.0	246918.0	0.886669	Y
6	IC 200-188486/8	15.003557	14.590103	10.0	249526.0	0.972443	Y
7	IC 200-188486/9	19.99612	18.647568	10.0	257610.0	0.932559	Y
8	IC 200-188486/10	39.99224	38.674243	10.0	252467.0	0.967044	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

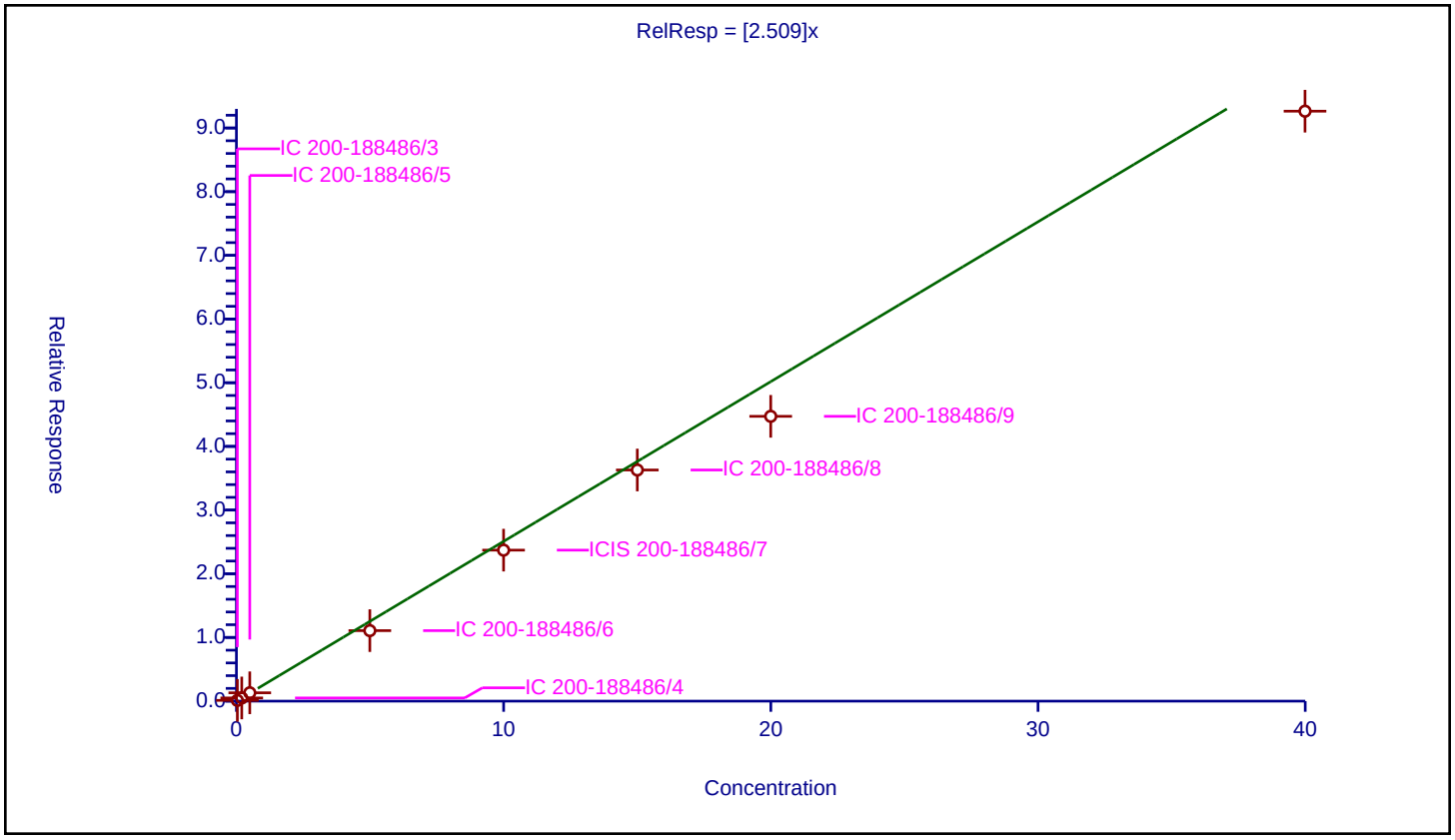
Curve Coefficients

Intercept:	0
Slope:	2.509

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	15.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.119422	10.0	252215.0	3.404571	Y
2	IC 200-188486/4	0.20044	0.498087	10.0	249374.0	2.484973	Y
3	IC 200-188486/5	0.500453	1.311607	10.0	243884.0	2.620842	Y
4	IC 200-188486/6	4.992563	11.071153	10.0	216169.0	2.217529	Y
5	ICIS 200-188486/7	9.99806	23.711556	10.0	246918.0	2.371616	Y
6	IC 200-188486/8	15.003557	36.294254	10.0	249526.0	2.419043	Y
7	IC 200-188486/9	19.99612	44.721905	10.0	257610.0	2.236529	Y
8	IC 200-188486/10	39.99224	92.641137	10.0	252467.0	2.316478	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

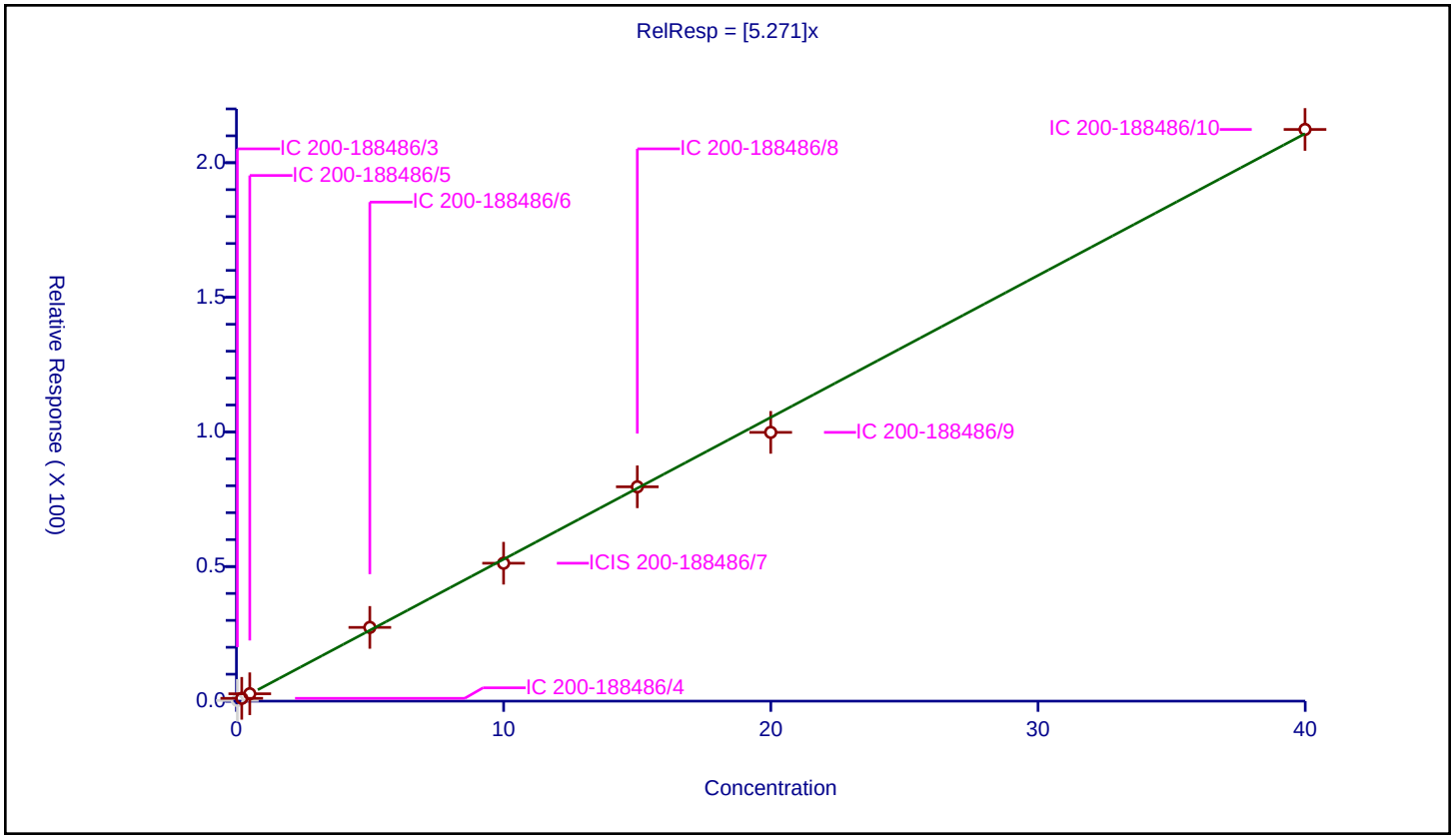
Curve Coefficients

Intercept:	0
Slope:	5.271

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.258311	10.0	252215.0	7.364136	N
2	IC 200-188486/4	0.20044	1.041688	10.0	249374.0	5.197017	Y
3	IC 200-188486/5	0.500453	2.741426	10.0	243884.0	5.477894	Y
4	IC 200-188486/6	4.992563	27.390468	10.0	216169.0	5.486254	Y
5	ICIS 200-188486/7	9.99806	51.232271	10.0	246918.0	5.124221	Y
6	IC 200-188486/8	15.003557	79.618958	10.0	249526.0	5.306672	Y
7	IC 200-188486/9	19.99612	99.843989	10.0	257610.0	4.993168	Y
8	IC 200-188486/10	39.99224	212.360665	10.0	252467.0	5.310047	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

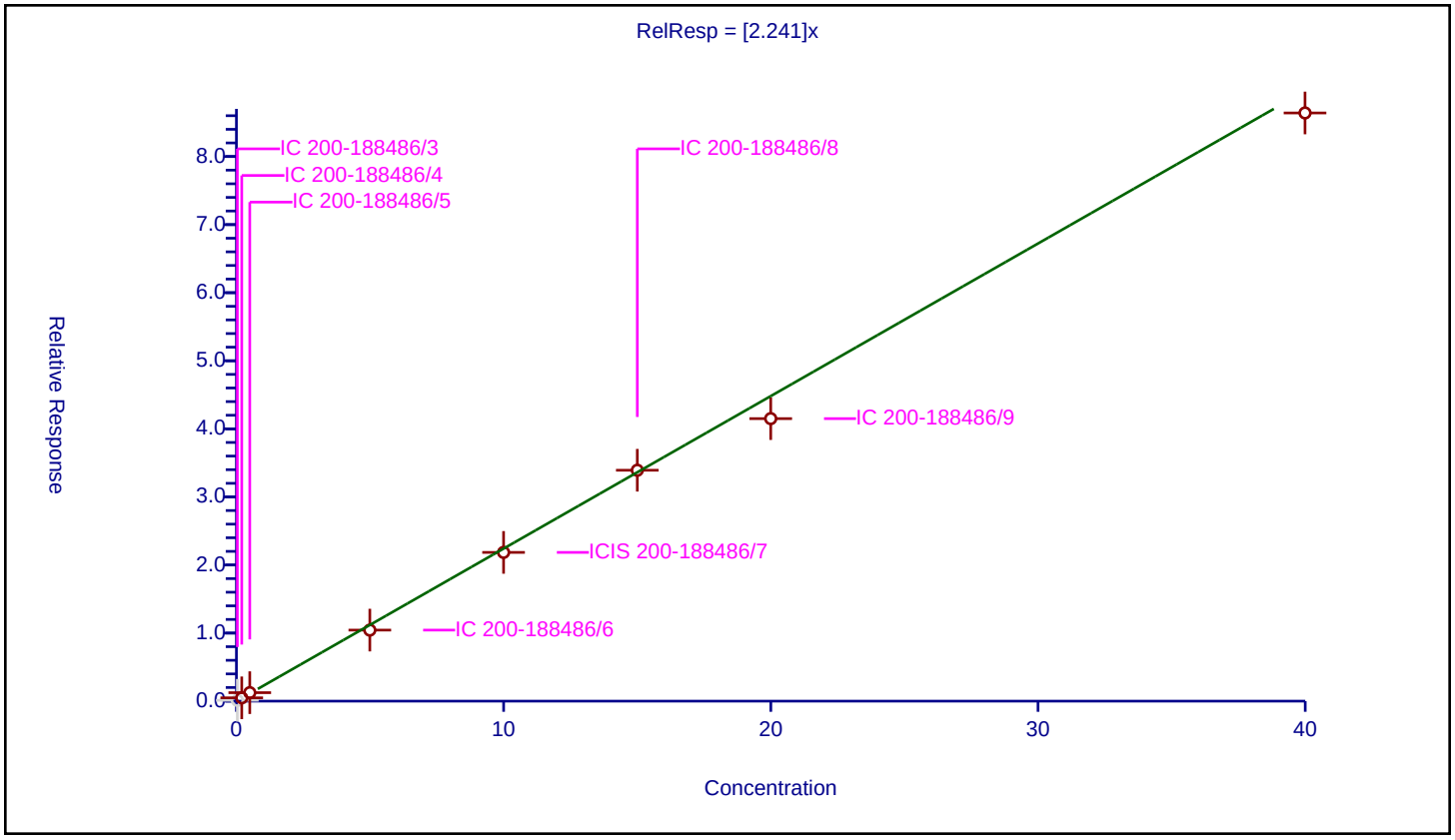
Curve Coefficients

Intercept:	0
Slope:	2.241

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.121761	10.0	252215.0	3.47126	N
2	IC 200-188486/4	0.20044	0.485977	10.0	249374.0	2.424554	Y
3	IC 200-188486/5	0.500453	1.245756	10.0	243884.0	2.489259	Y
4	IC 200-188486/6	4.992563	10.434752	10.0	216169.0	2.090059	Y
5	ICIS 200-188486/7	9.99806	21.84948	10.0	246918.0	2.185372	Y
6	IC 200-188486/8	15.003557	33.918309	10.0	249526.0	2.260685	Y
7	IC 200-188486/9	19.99612	41.501883	10.0	257610.0	2.075497	Y
8	IC 200-188486/10	39.99224	86.402817	10.0	252467.0	2.16049	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

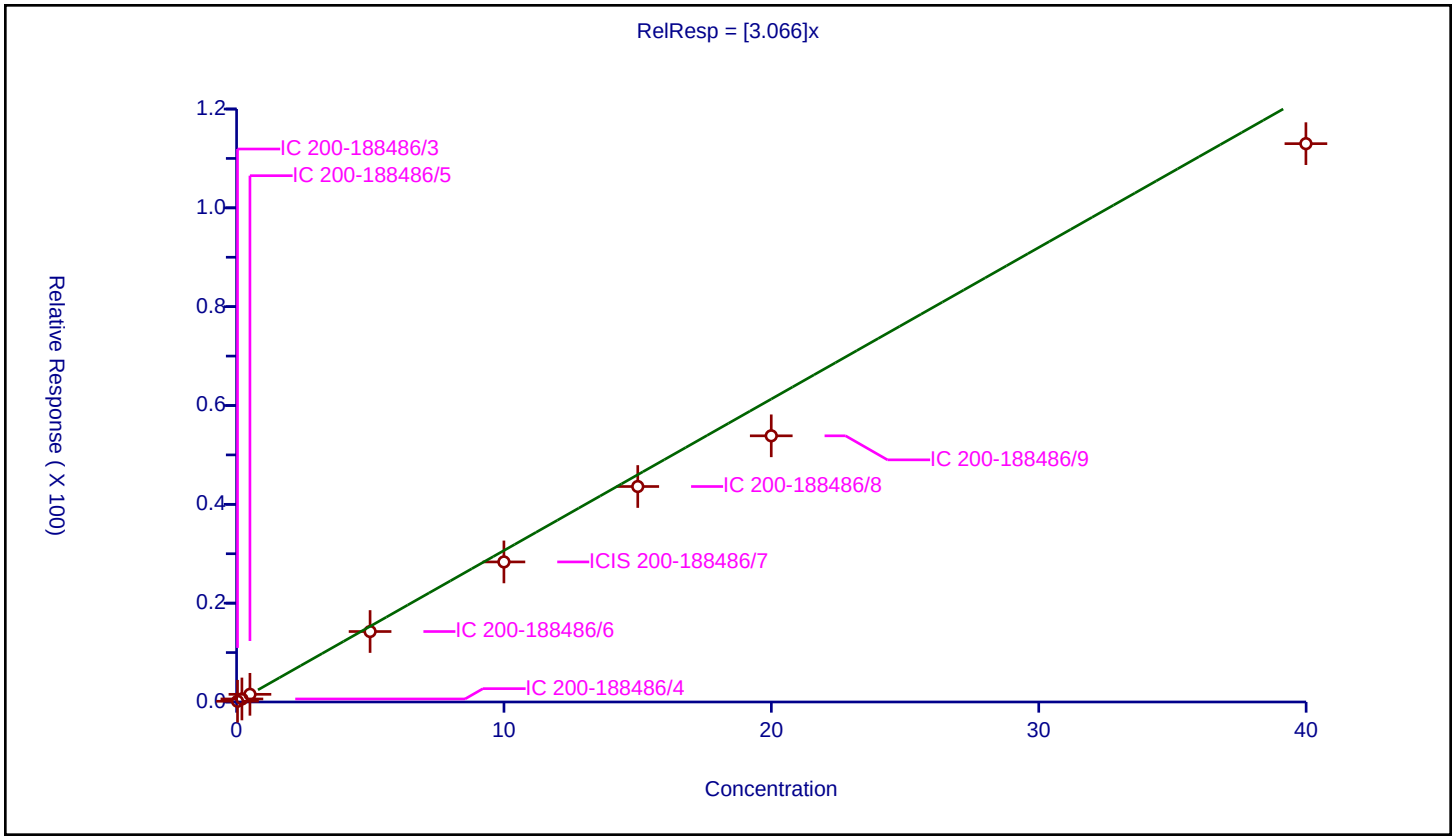
Curve Coefficients

Intercept:	0
Slope:	3.066

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.149436	10.0	252215.0	4.260234	Y
2	IC 200-188486/4	0.20044	0.610729	10.0	249374.0	3.046948	Y
3	IC 200-188486/5	0.500453	1.551926	10.0	243884.0	3.101046	Y
4	IC 200-188486/6	4.992563	14.261249	10.0	216169.0	2.856499	Y
5	ICIS 200-188486/7	9.99806	28.345078	10.0	246918.0	2.835058	Y
6	IC 200-188486/8	15.003557	43.609003	10.0	249526.0	2.906578	Y
7	IC 200-188486/9	19.99612	53.867474	10.0	257610.0	2.693896	Y
8	IC 200-188486/10	39.99224	112.987242	10.0	252467.0	2.825229	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

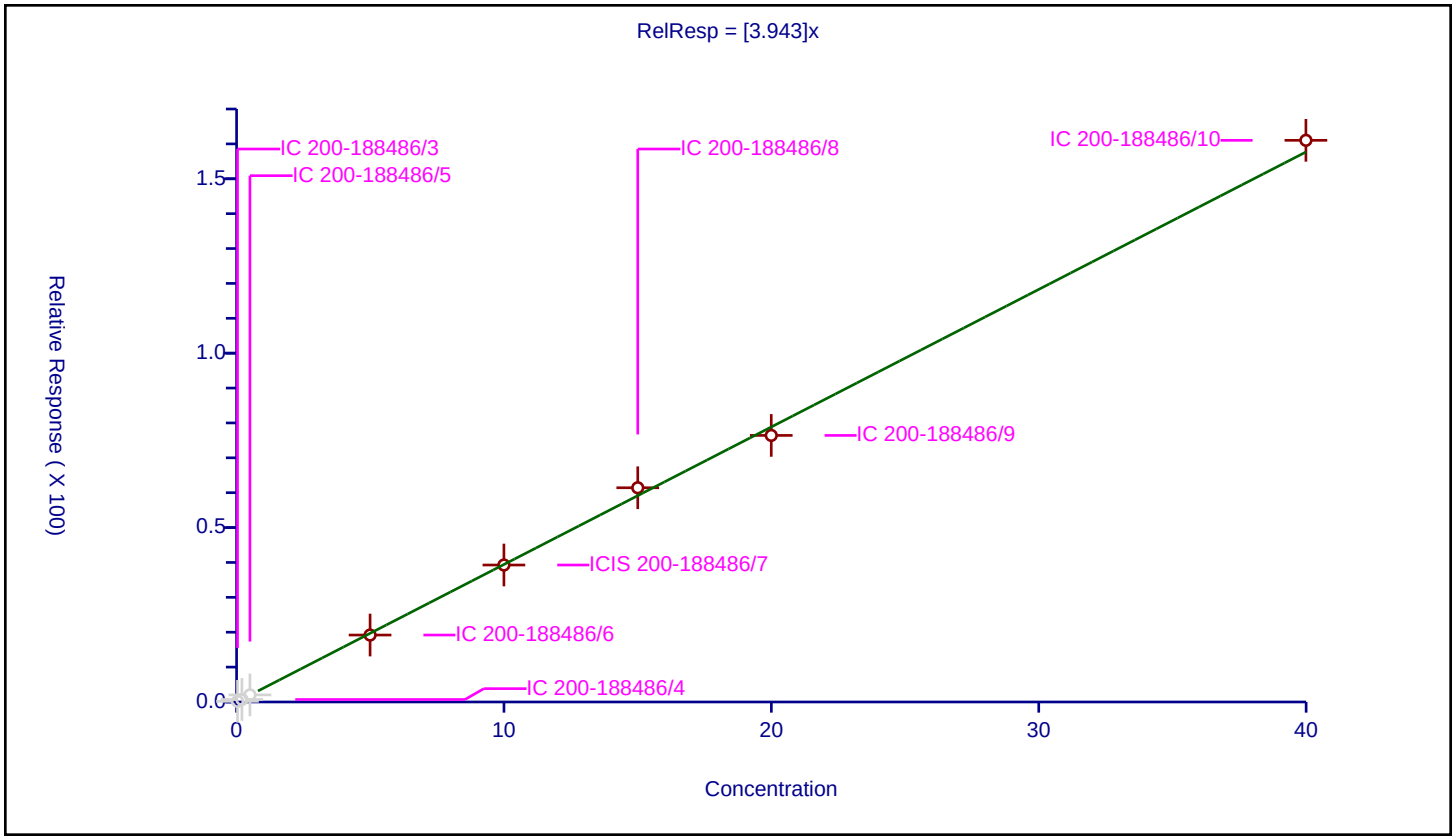
Curve Coefficients

Intercept:	0
Slope:	3.943

Error Coefficients

Standard Error:	2440000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.191186	10.0	252215.0	5.450478	N
2	IC 200-188486/4	0.20044	0.71475	10.0	249374.0	3.56591	N
3	IC 200-188486/5	0.500453	2.026742	10.0	243884.0	4.049819	N
4	IC 200-188486/6	4.992563	19.192206	10.0	216169.0	3.844159	Y
5	ICIS 200-188486/7	9.99806	39.271256	10.0	246918.0	3.927888	Y
6	IC 200-188486/8	15.003557	61.416205	10.0	249526.0	4.093443	Y
7	IC 200-188486/9	19.99612	76.421296	10.0	257610.0	3.821806	Y
8	IC 200-188486/10	39.99224	161.022668	10.0	252467.0	4.026348	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

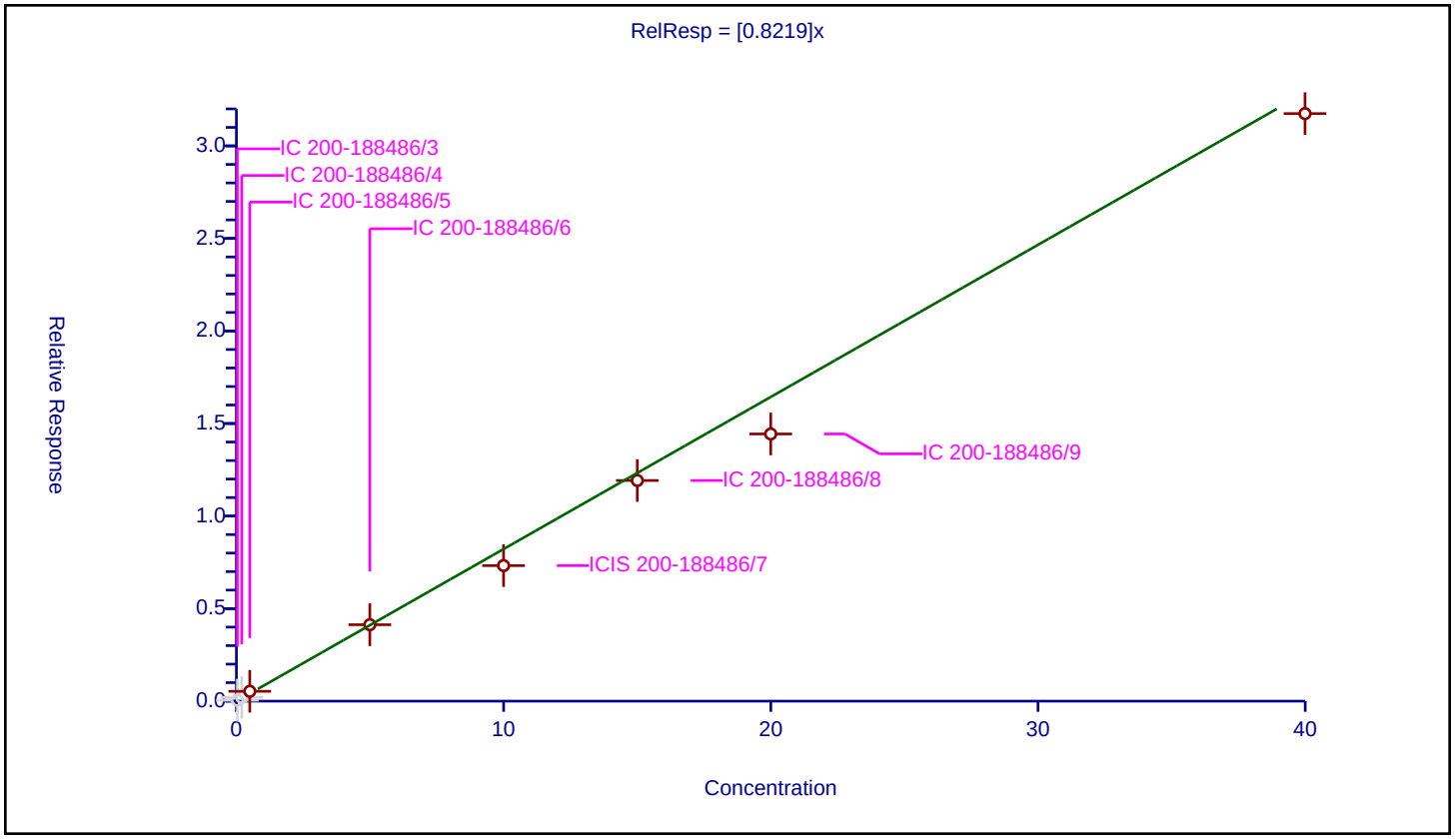
Curve Coefficients

Intercept:	0
Slope:	0.8219

Error Coefficients

Standard Error:	427000
Relative Standard Error:	15.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.047697	10.0	252215.0	1.359794	N
2	IC 200-188486/4	0.20044	0.200542	10.0	249374.0	1.000511	N
3	IC 200-188486/5	0.500453	0.531113	10.0	243884.0	1.061266	Y
4	IC 200-188486/6	4.992563	4.130056	10.0	216169.0	0.827242	Y
5	ICIS 200-188486/7	9.99806	7.3232	10.0	246918.0	0.732462	Y
6	IC 200-188486/8	15.003557	11.921884	10.0	249526.0	0.794604	Y
7	IC 200-188486/9	19.99612	14.435542	10.0	257610.0	0.721917	Y
8	IC 200-188486/10	39.99224	31.744743	10.0	252467.0	0.793773	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

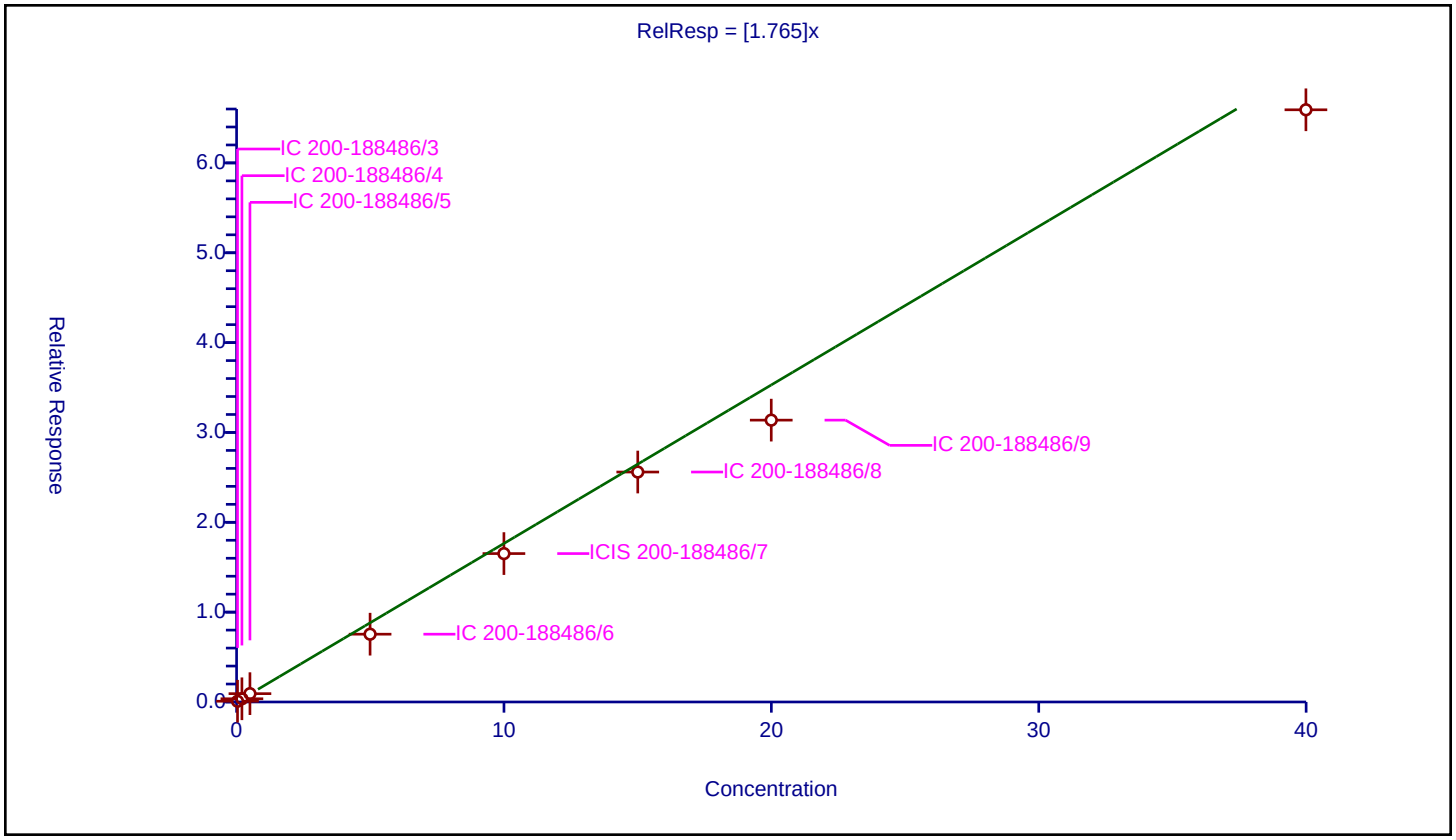
Curve Coefficients

Intercept:	0
Slope:	1.765

Error Coefficients

Standard Error:	758000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.083897	10.0	252215.0	2.39179	Y
2	IC 200-188486/4	0.20044	0.357896	10.0	249374.0	1.785556	Y
3	IC 200-188486/5	0.500453	0.927162	10.0	243884.0	1.852647	Y
4	IC 200-188486/6	4.992563	7.547659	10.0	216169.0	1.511781	Y
5	ICIS 200-188486/7	9.99806	16.517427	10.0	246918.0	1.652063	Y
6	IC 200-188486/8	15.003557	25.594728	10.0	249526.0	1.705911	Y
7	IC 200-188486/9	19.99612	31.370327	10.0	257610.0	1.568821	Y
8	IC 200-188486/10	39.99224	65.914555	10.0	252467.0	1.648184	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

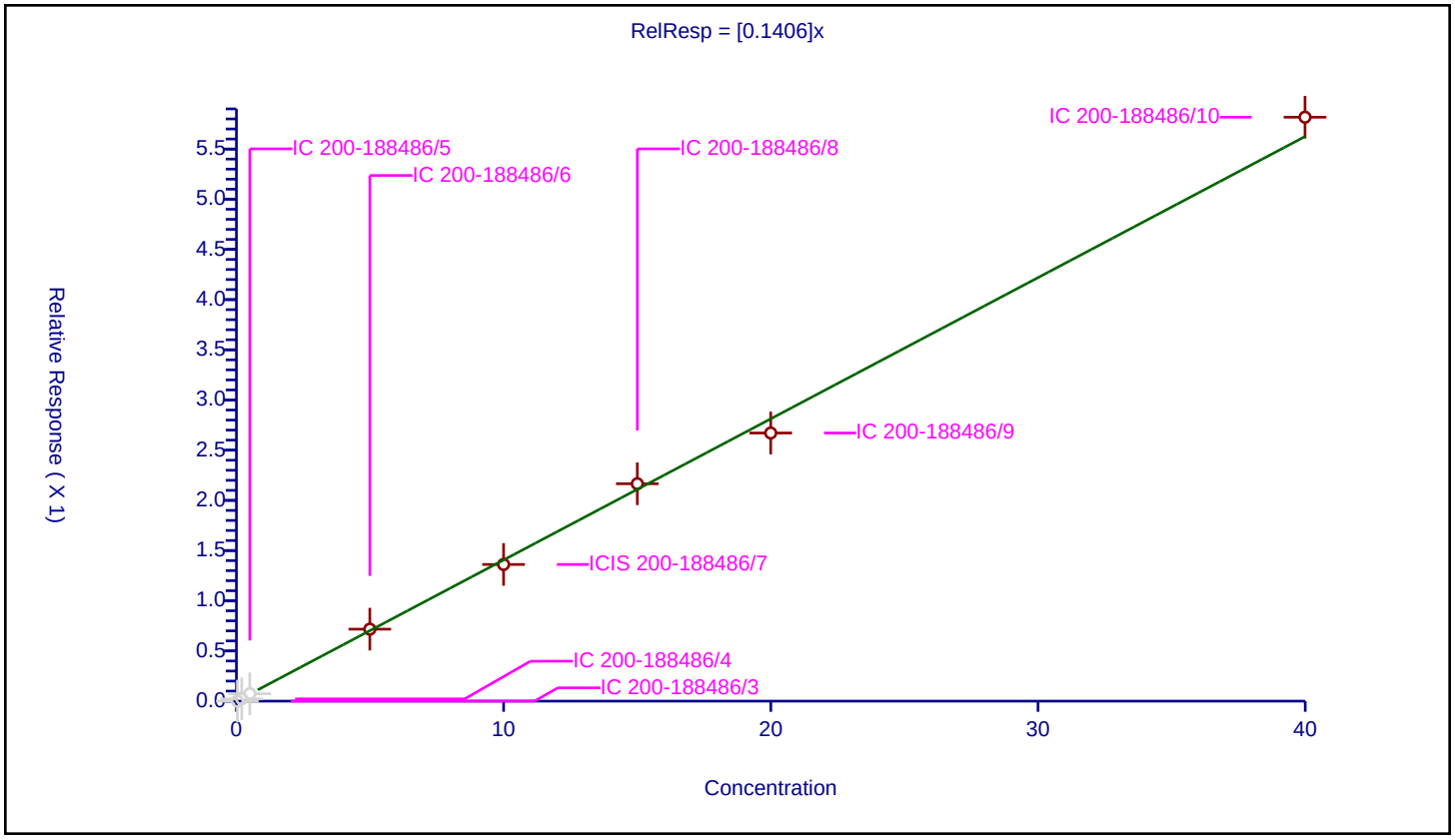
Curve Coefficients

Intercept:	0
Slope:	0.1406

Error Coefficients

Standard Error:	87500
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.0	10.0	252215.0	0.0	N
2	IC 200-188486/4	0.20044	0.022296	10.0	249374.0	0.111235	N
3	IC 200-188486/5	0.500453	0.073806	10.0	243884.0	0.147478	N
4	IC 200-188486/6	4.992563	0.717032	10.0	216169.0	0.14362	Y
5	ICIS 200-188486/7	9.99806	1.361626	10.0	246918.0	0.136189	Y
6	IC 200-188486/8	15.003557	2.165786	10.0	249526.0	0.144352	Y
7	IC 200-188486/9	19.99612	2.671131	10.0	257610.0	0.133582	Y
8	IC 200-188486/10	39.99224	5.817236	10.0	252467.0	0.145459	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

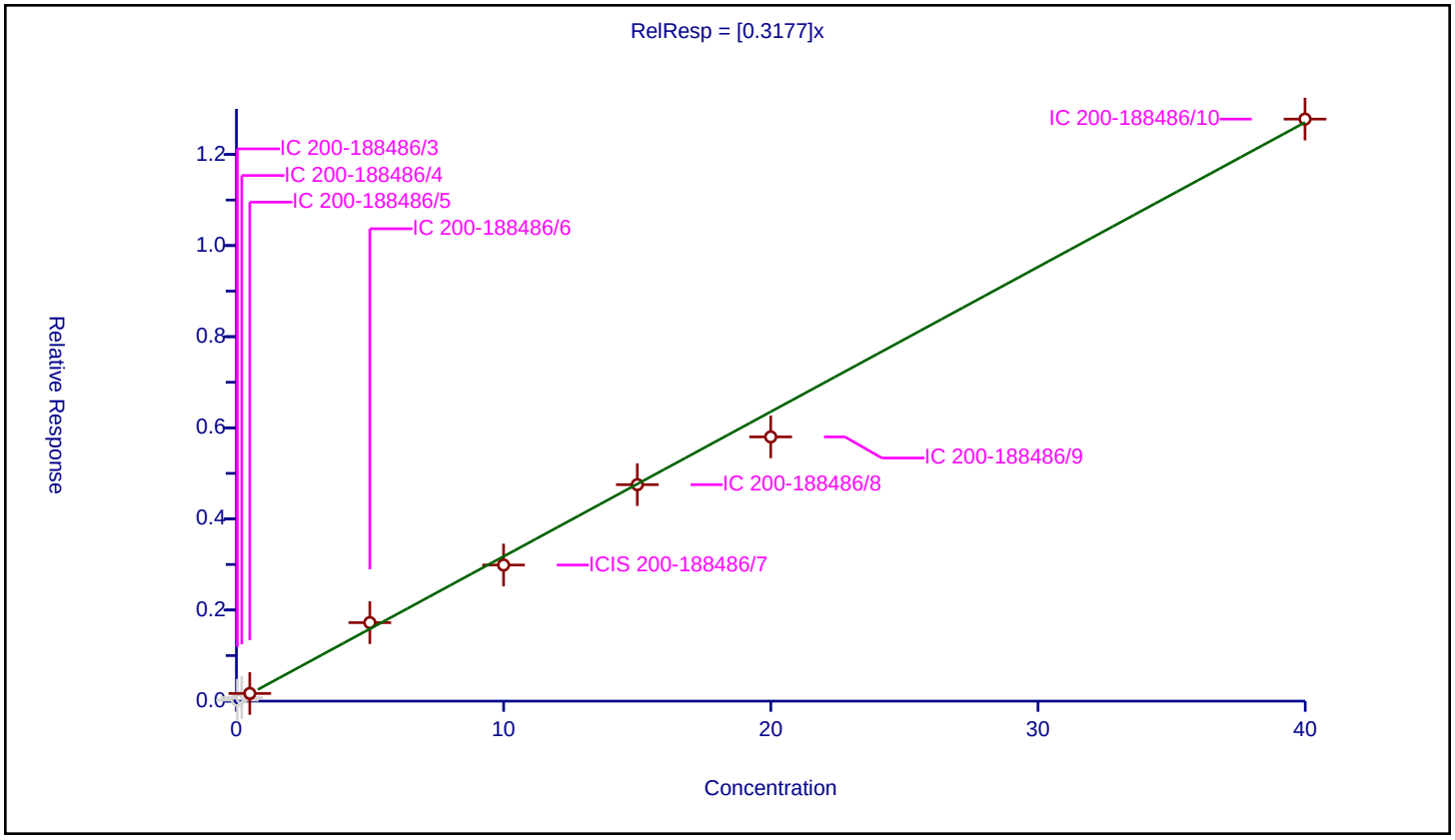
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Standard Error:	857000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.021092	10.0	1206615.0	0.601309	N
2	IC 200-188486/4	0.20044	0.078553	10.0	1182386.0	0.391904	N
3	IC 200-188486/5	0.500453	0.168016	10.0	1215840.0	0.335727	Y
4	IC 200-188486/6	4.992563	1.723382	10.0	1054914.0	0.34519	Y
5	ICIS 200-188486/7	9.99806	2.987459	10.0	1230708.0	0.298804	Y
6	IC 200-188486/8	15.003557	4.751909	10.0	1242993.0	0.316719	Y
7	IC 200-188486/9	19.99612	5.800424	10.0	1294276.0	0.290077	Y
8	IC 200-188486/10	39.99224	12.776232	10.0	1260201.0	0.319468	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

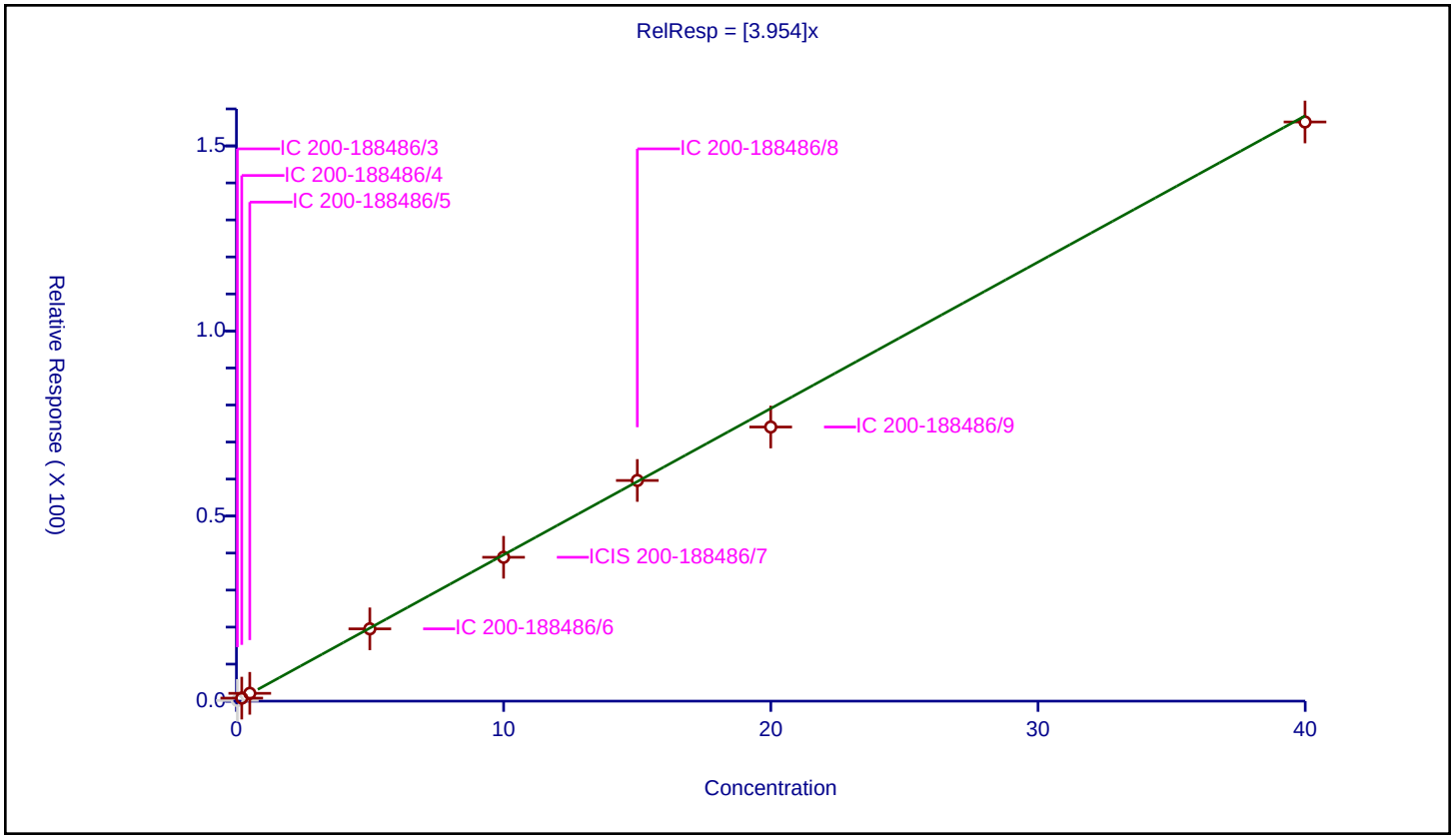
Curve Coefficients

Intercept:	0
Slope:	3.954

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.18175	10.0	252215.0	5.181458	N
2	IC 200-188486/4	0.20044	0.816484	10.0	249374.0	4.073468	Y
3	IC 200-188486/5	0.500453	2.108543	10.0	243884.0	4.213273	Y
4	IC 200-188486/6	4.992563	19.528425	10.0	216169.0	3.911503	Y
5	ICIS 200-188486/7	9.99806	38.865089	10.0	246918.0	3.887263	Y
6	IC 200-188486/8	15.003557	59.615391	10.0	249526.0	3.973417	Y
7	IC 200-188486/9	19.99612	74.061178	10.0	257610.0	3.703777	Y
8	IC 200-188486/10	39.99224	156.467063	10.0	252467.0	3.912436	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

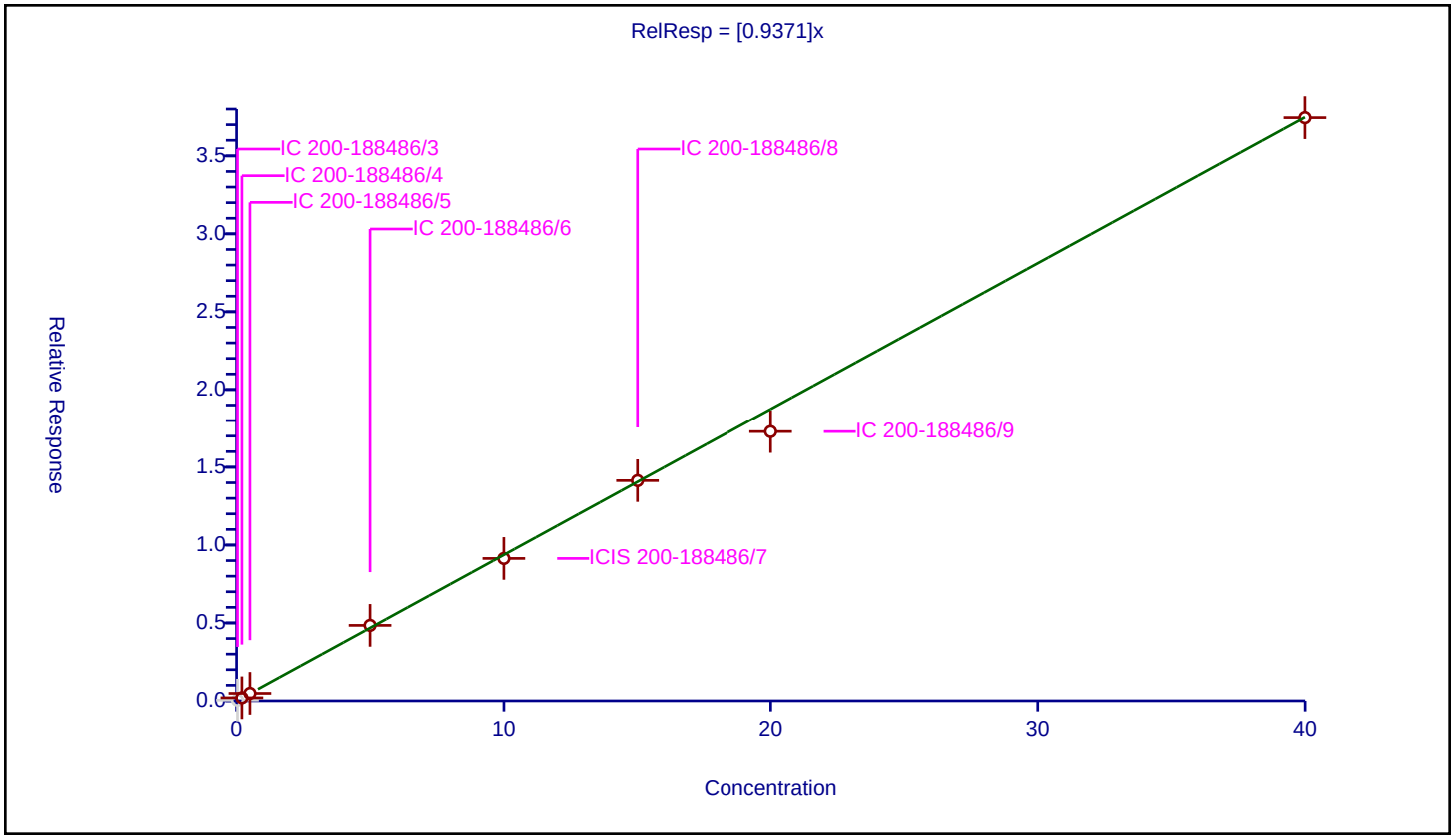
Curve Coefficients

Intercept:	0
Slope:	0.9371

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.043875	10.0	1206615.0	1.250816	N
2	IC 200-188486/4	0.20044	0.195613	10.0	1182386.0	0.975919	Y
3	IC 200-188486/5	0.500453	0.478583	10.0	1215840.0	0.9563	Y
4	IC 200-188486/6	4.992563	4.843646	10.0	1054914.0	0.970172	Y
5	ICIS 200-188486/7	9.99806	9.137992	10.0	1230708.0	0.913977	Y
6	IC 200-188486/8	15.003557	14.139999	10.0	1242993.0	0.942443	Y
7	IC 200-188486/9	19.99612	17.291412	10.0	1294276.0	0.864738	Y
8	IC 200-188486/10	39.99224	37.44997	10.0	1260201.0	0.936431	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

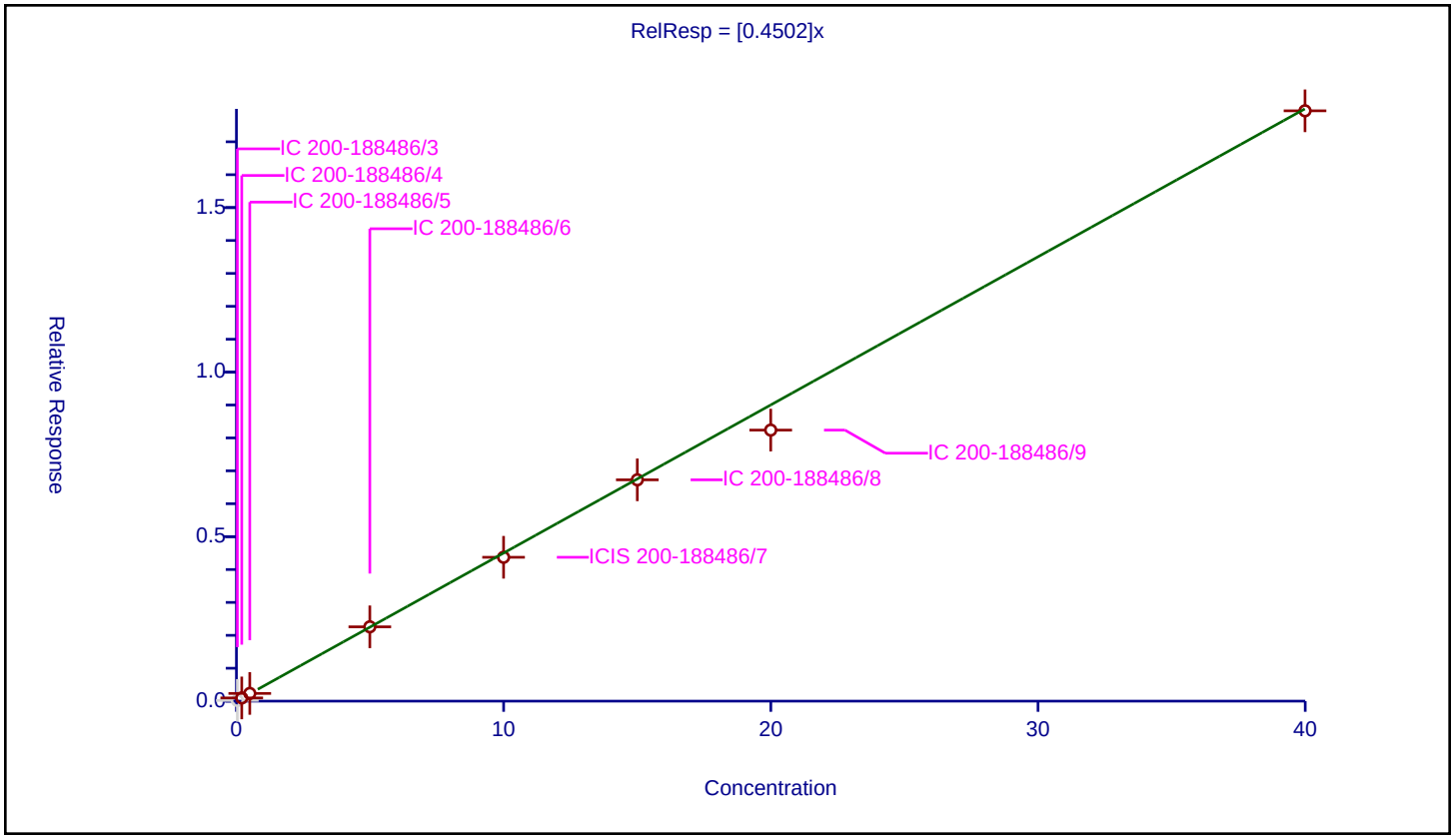
Curve Coefficients

Intercept:	0
Slope:	0.4502

Error Coefficients

Standard Error:	1100000
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 200-188486/3	0.035077	0.021084	10.0	1206615.0	0.601072	N
2	IC 200-188486/4	0.20044	0.097143	10.0	1182386.0	0.484647	Y
3	IC 200-188486/5	0.500453	0.234176	10.0	1215840.0	0.467928	Y
4	IC 200-188486/6	4.992563	2.258923	10.0	1054914.0	0.452458	Y
5	ICIS 200-188486/7	9.99806	4.372223	10.0	1230708.0	0.437307	Y
6	IC 200-188486/8	15.003557	6.726208	10.0	1242993.0	0.448308	Y
7	IC 200-188486/9	19.99612	8.237857	10.0	1294276.0	0.411973	Y
8	IC 200-188486/10	39.99224	17.941606	10.0	1260201.0	0.448627	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

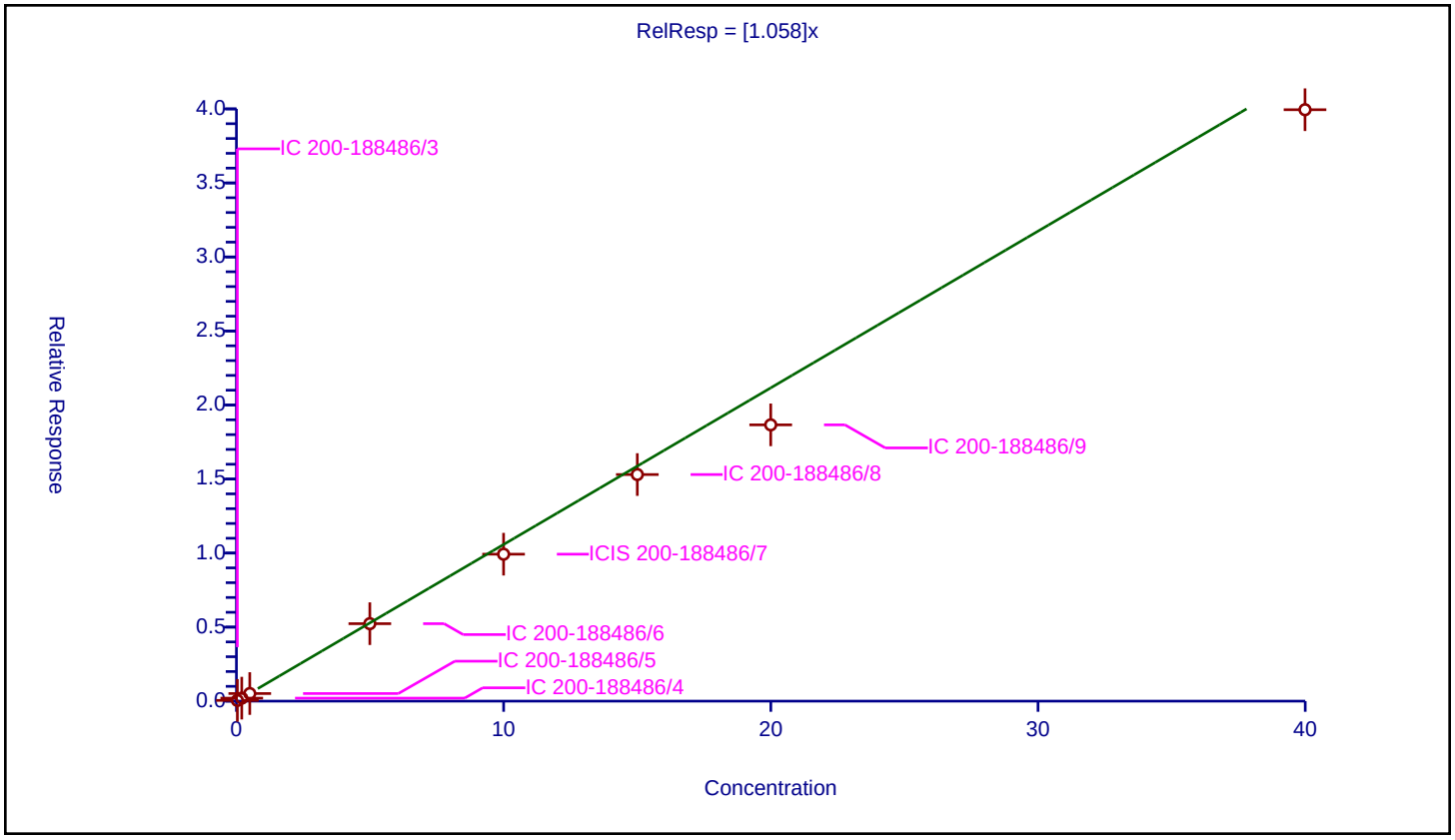
Curve Coefficients

Intercept:	0
Slope:	1.058

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	14.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.050281	10.0	1206615.0	1.433453	Y
2	IC 200-188486/4	0.20044	0.202937	10.0	1182386.0	1.01246	Y
3	IC 200-188486/5	0.500453	0.513341	10.0	1215840.0	1.025753	Y
4	IC 200-188486/6	4.992563	5.232626	10.0	1054914.0	1.048084	Y
5	ICIS 200-188486/7	9.99806	9.925084	10.0	1230708.0	0.992701	Y
6	IC 200-188486/8	15.003557	15.304463	10.0	1242993.0	1.020056	Y
7	IC 200-188486/9	19.99612	18.660989	10.0	1294276.0	0.93323	Y
8	IC 200-188486/10	39.99224	39.943406	10.0	1260201.0	0.998779	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

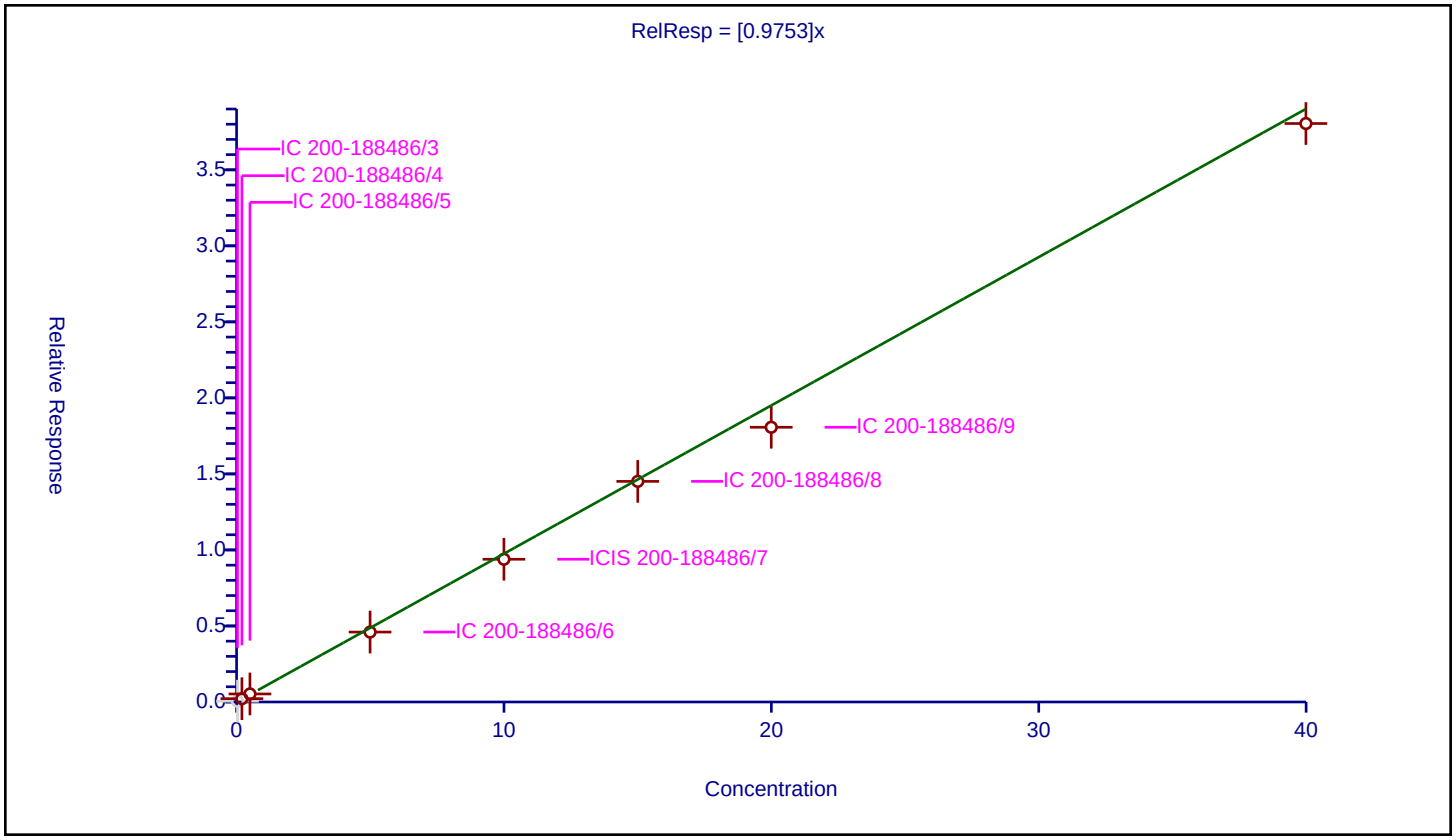
Curve Coefficients

Intercept:	0
Slope:	0.9753

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.052676	10.0	1206615.0	1.501736	N
2	IC 200-188486/4	0.20044	0.218051	10.0	1182386.0	1.087862	Y
3	IC 200-188486/5	0.500453	0.529066	10.0	1215840.0	1.057176	Y
4	IC 200-188486/6	4.992563	4.599531	10.0	1054914.0	0.921277	Y
5	ICIS 200-188486/7	9.99806	9.388125	10.0	1230708.0	0.938995	Y
6	IC 200-188486/8	15.003557	14.509486	10.0	1242993.0	0.96707	Y
7	IC 200-188486/9	19.99612	18.068727	10.0	1294276.0	0.903612	Y
8	IC 200-188486/10	39.99224	38.045494	10.0	1260201.0	0.951322	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

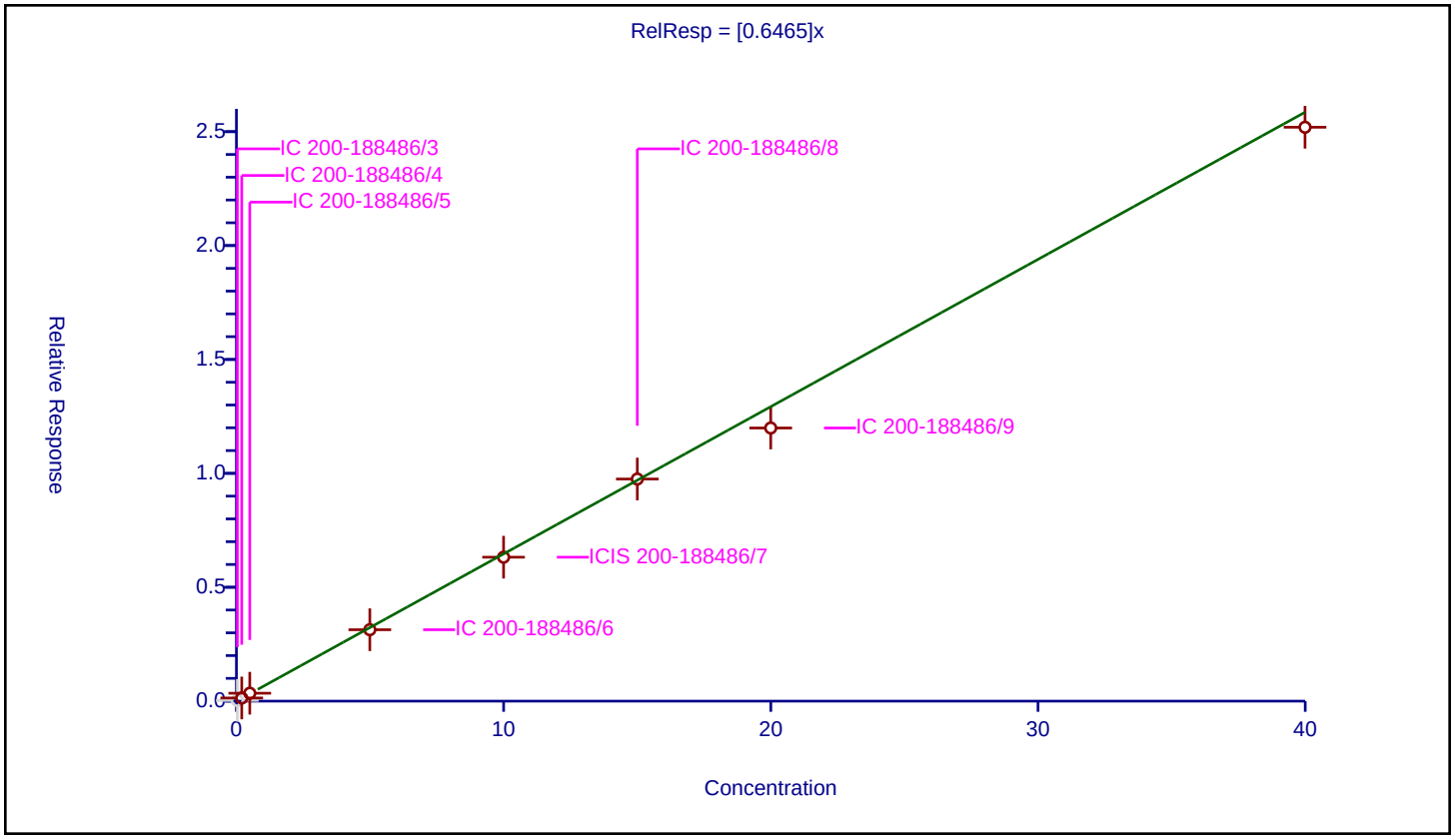
Curve Coefficients

Intercept:	0
Slope:	0.6465

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.032628	10.0	1206615.0	0.930197	N
2	IC 200-188486/4	0.20044	0.138195	10.0	1182386.0	0.68946	Y
3	IC 200-188486/5	0.500453	0.348319	10.0	1215840.0	0.696008	Y
4	IC 200-188486/6	4.992563	3.135621	10.0	1054914.0	0.628058	Y
5	ICIS 200-188486/7	9.99806	6.319736	10.0	1230708.0	0.632096	Y
6	IC 200-188486/8	15.003557	9.751246	10.0	1242993.0	0.649929	Y
7	IC 200-188486/9	19.99612	11.991013	10.0	1294276.0	0.599667	Y
8	IC 200-188486/10	39.99224	25.193798	10.0	1260201.0	0.629967	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

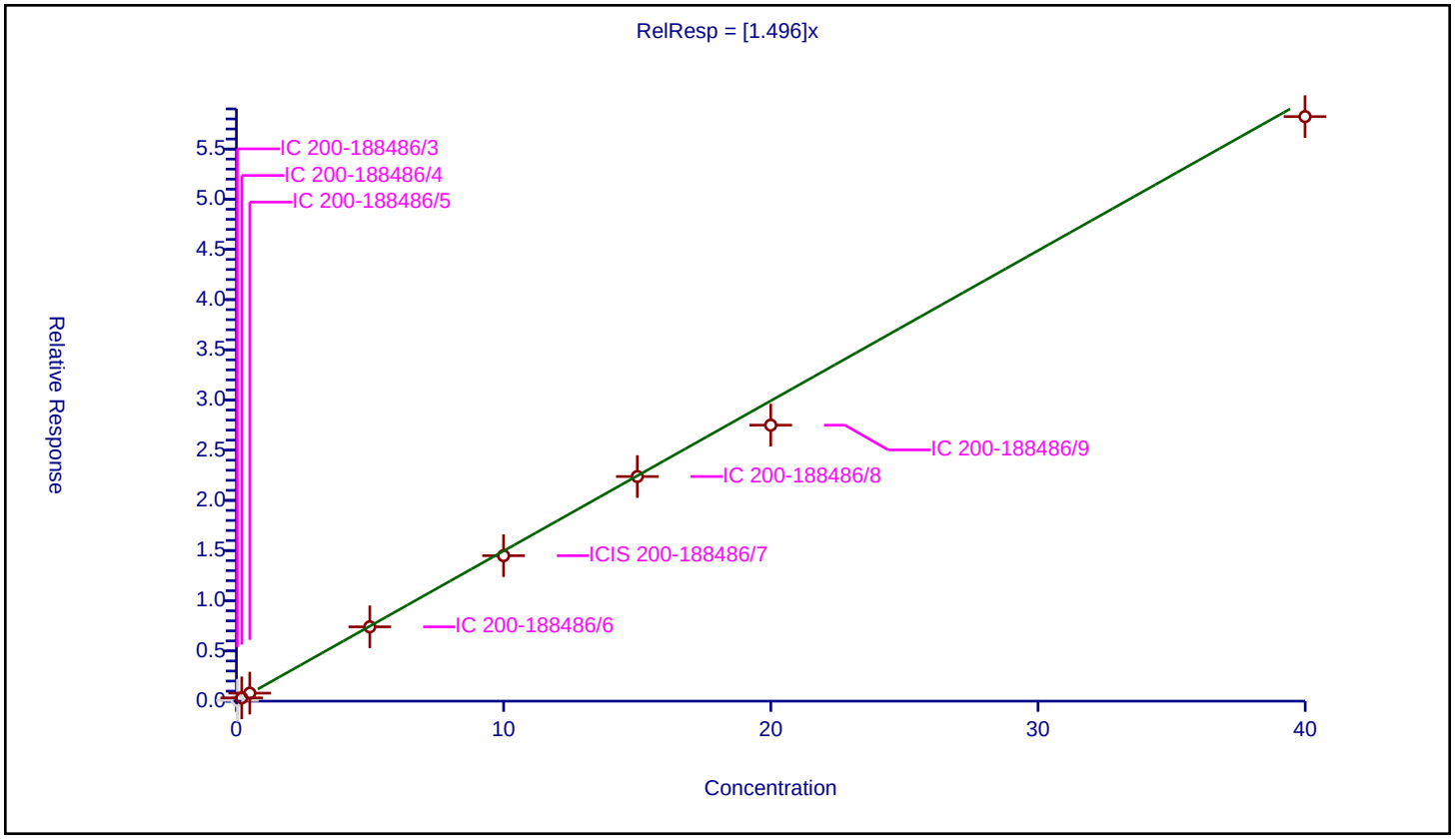
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Standard Error:	3610000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.075227	10.0	1206615.0	2.144628	N
2	IC 200-188486/4	0.20044	0.325706	10.0	1182386.0	1.624957	Y
3	IC 200-188486/5	0.500453	0.79726	10.0	1215840.0	1.593077	Y
4	IC 200-188486/6	4.992563	7.404319	10.0	1054914.0	1.48307	Y
5	ICIS 200-188486/7	9.99806	14.490488	10.0	1230708.0	1.44933	Y
6	IC 200-188486/8	15.003557	22.376256	10.0	1242993.0	1.491397	Y
7	IC 200-188486/9	19.99612	27.493502	10.0	1294276.0	1.374942	Y
8	IC 200-188486/10	39.99224	58.23033	10.0	1260201.0	1.456041	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

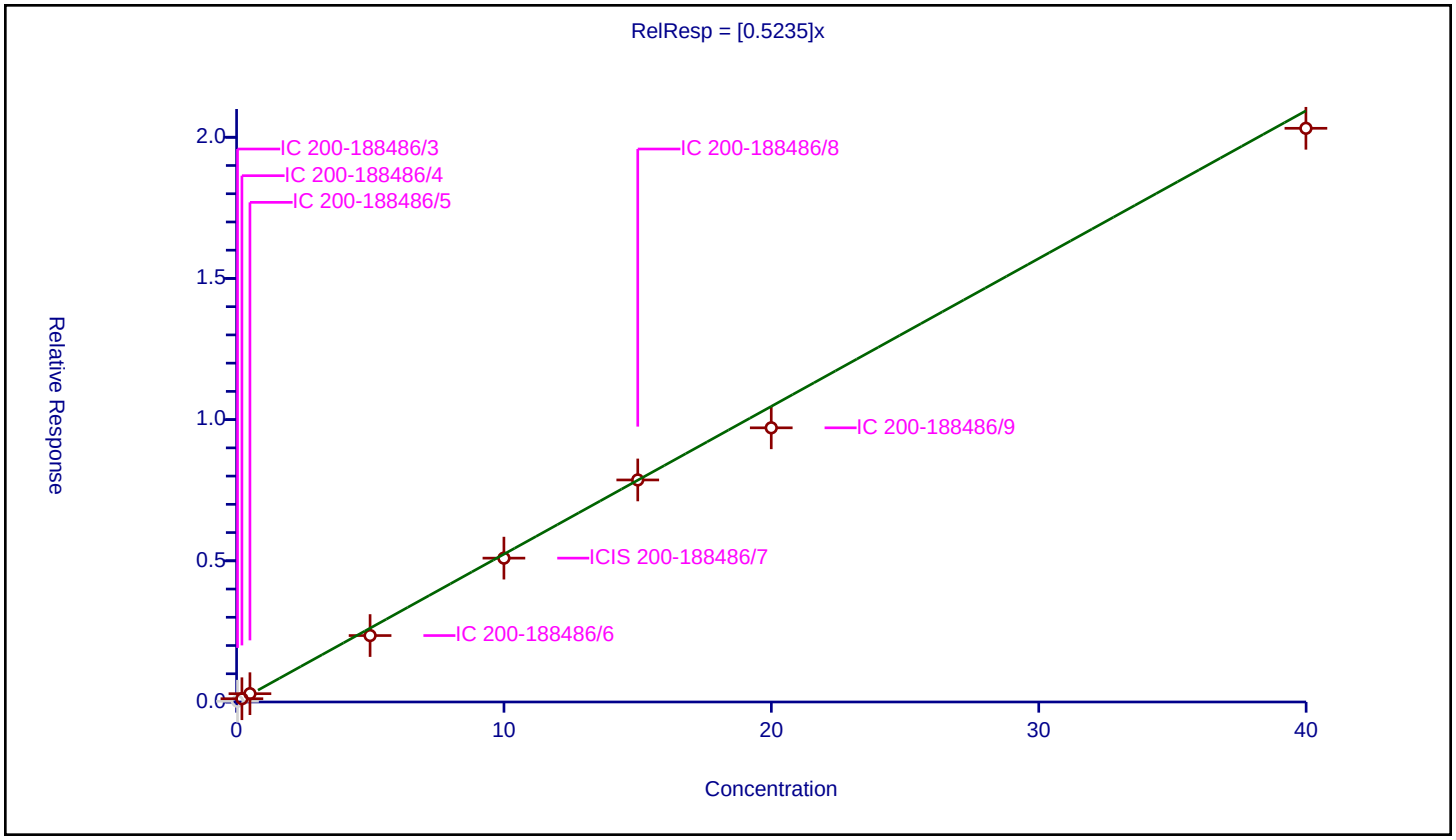
Curve Coefficients

Intercept:	0
Slope:	0.5235

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.027092	10.0	1206615.0	0.772368	N
2	IC 200-188486/4	0.20044	0.116113	10.0	1182386.0	0.57929	Y
3	IC 200-188486/5	0.500453	0.293715	10.0	1215840.0	0.586898	Y
4	IC 200-188486/6	4.992563	2.352817	10.0	1054914.0	0.471264	Y
5	ICIS 200-188486/7	9.99806	5.094303	10.0	1230708.0	0.509529	Y
6	IC 200-188486/8	15.003557	7.863673	10.0	1242993.0	0.524121	Y
7	IC 200-188486/9	19.99612	9.709467	10.0	1294276.0	0.485568	Y
8	IC 200-188486/10	39.99224	20.316886	10.0	1260201.0	0.508021	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

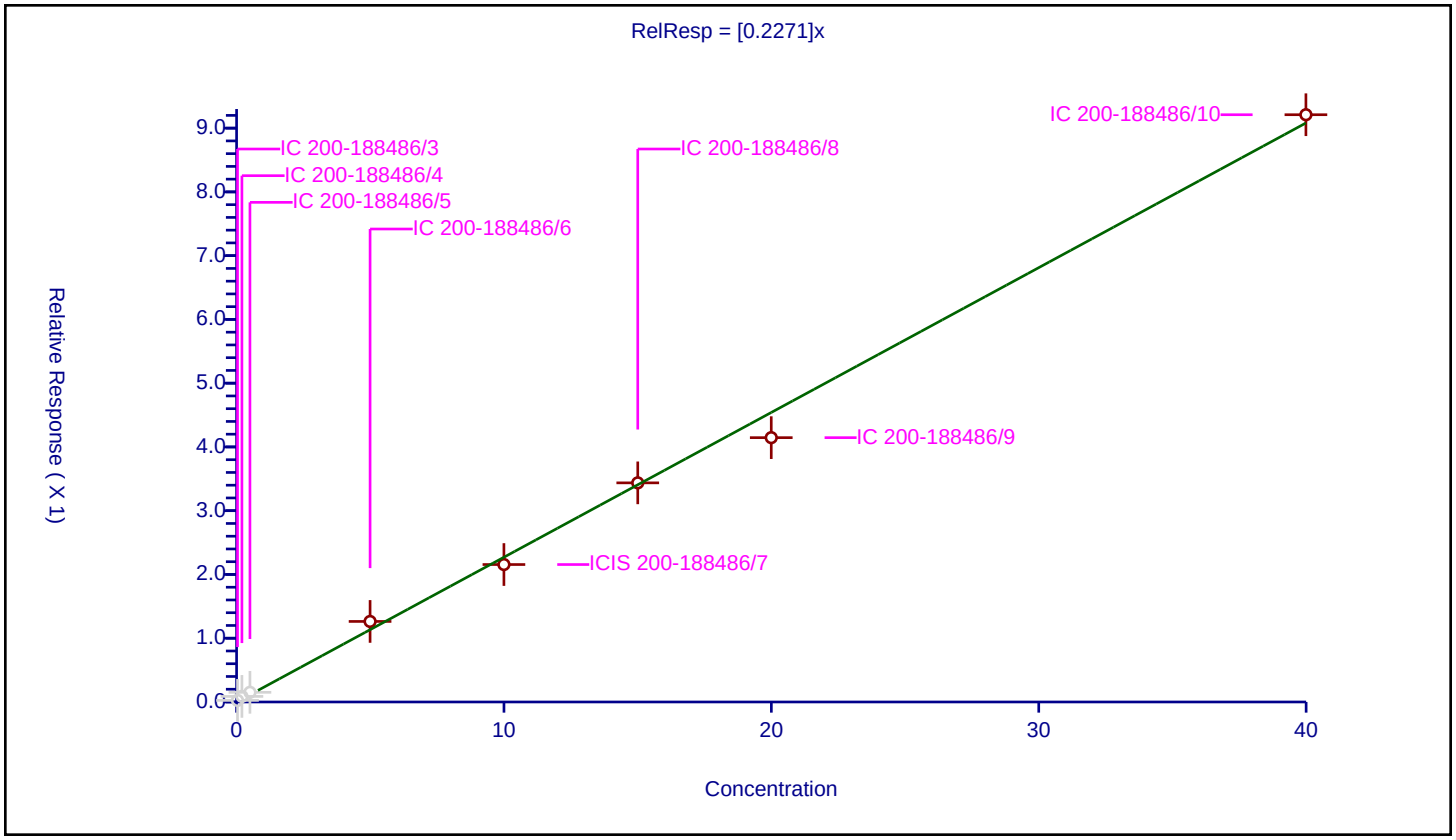
Curve Coefficients

Intercept:	0
Slope:	0.2271

Error Coefficients

Standard Error:	690000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.024689	10.0	1206615.0	0.70385	N
2	IC 200-188486/4	0.20044	0.087729	10.0	1182386.0	0.437685	N
3	IC 200-188486/5	0.500453	0.151615	10.0	1215840.0	0.302956	N
4	IC 200-188486/6	4.992563	1.263089	10.0	1054914.0	0.252994	Y
5	ICIS 200-188486/7	9.99806	2.155784	10.0	1230708.0	0.21562	Y
6	IC 200-188486/8	15.003557	3.43664	10.0	1242993.0	0.229055	Y
7	IC 200-188486/9	19.99612	4.145762	10.0	1294276.0	0.207328	Y
8	IC 200-188486/10	39.99224	9.210586	10.0	1260201.0	0.230309	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

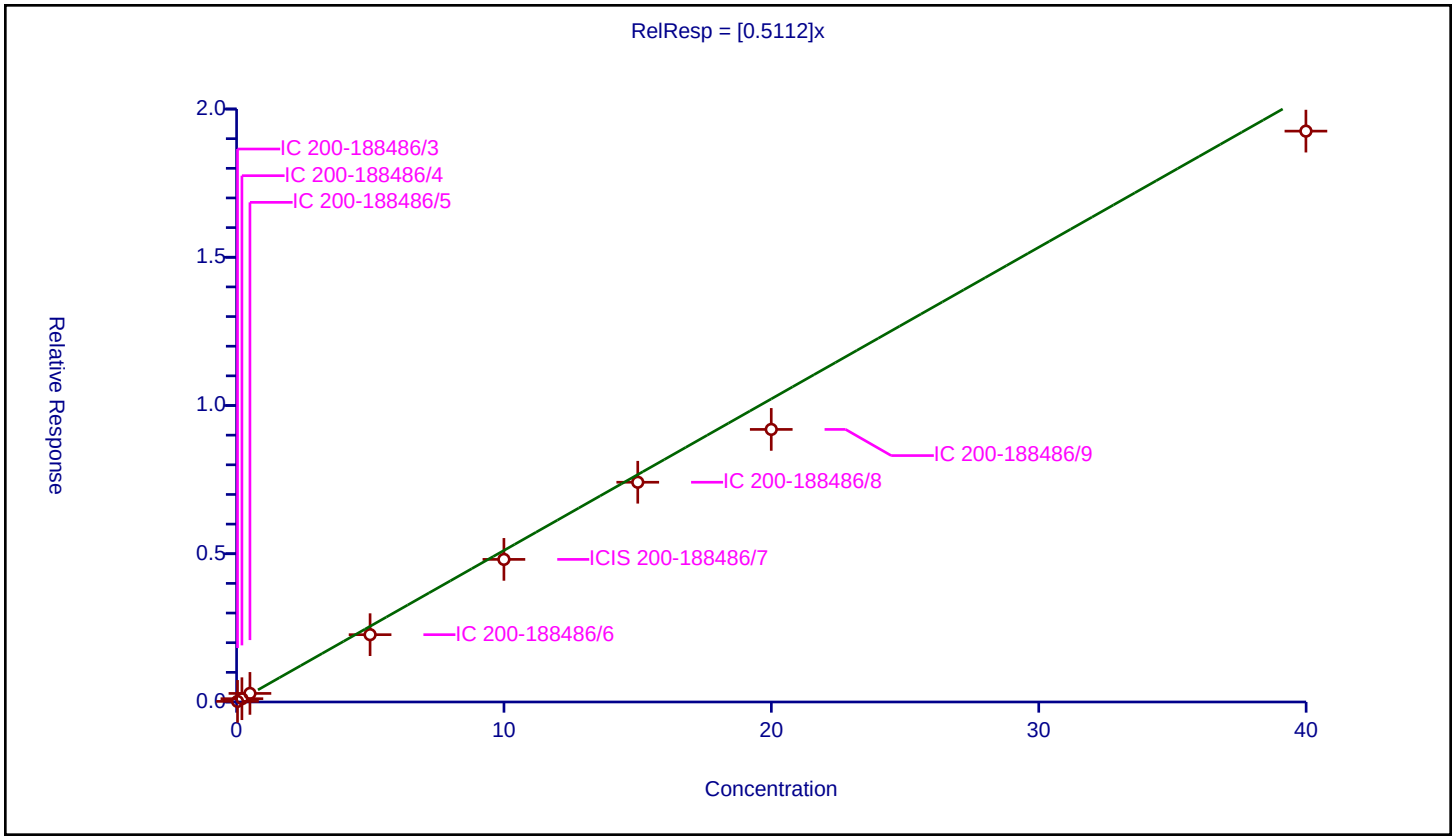
Curve Coefficients

Intercept:	0
Slope:	0.5112

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	10.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.020661	10.0	1206615.0	0.589022	Y
2	IC 200-188486/4	0.20044	0.110666	10.0	1182386.0	0.552117	Y
3	IC 200-188486/5	0.500453	0.288895	10.0	1215840.0	0.577267	Y
4	IC 200-188486/6	4.992563	2.271019	10.0	1054914.0	0.45488	Y
5	ICIS 200-188486/7	9.99806	4.809573	10.0	1230708.0	0.481051	Y
6	IC 200-188486/8	15.003557	7.411643	10.0	1242993.0	0.493992	Y
7	IC 200-188486/9	19.99612	9.193294	10.0	1294276.0	0.459754	Y
8	IC 200-188486/10	39.99224	19.254087	10.0	1260201.0	0.481446	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

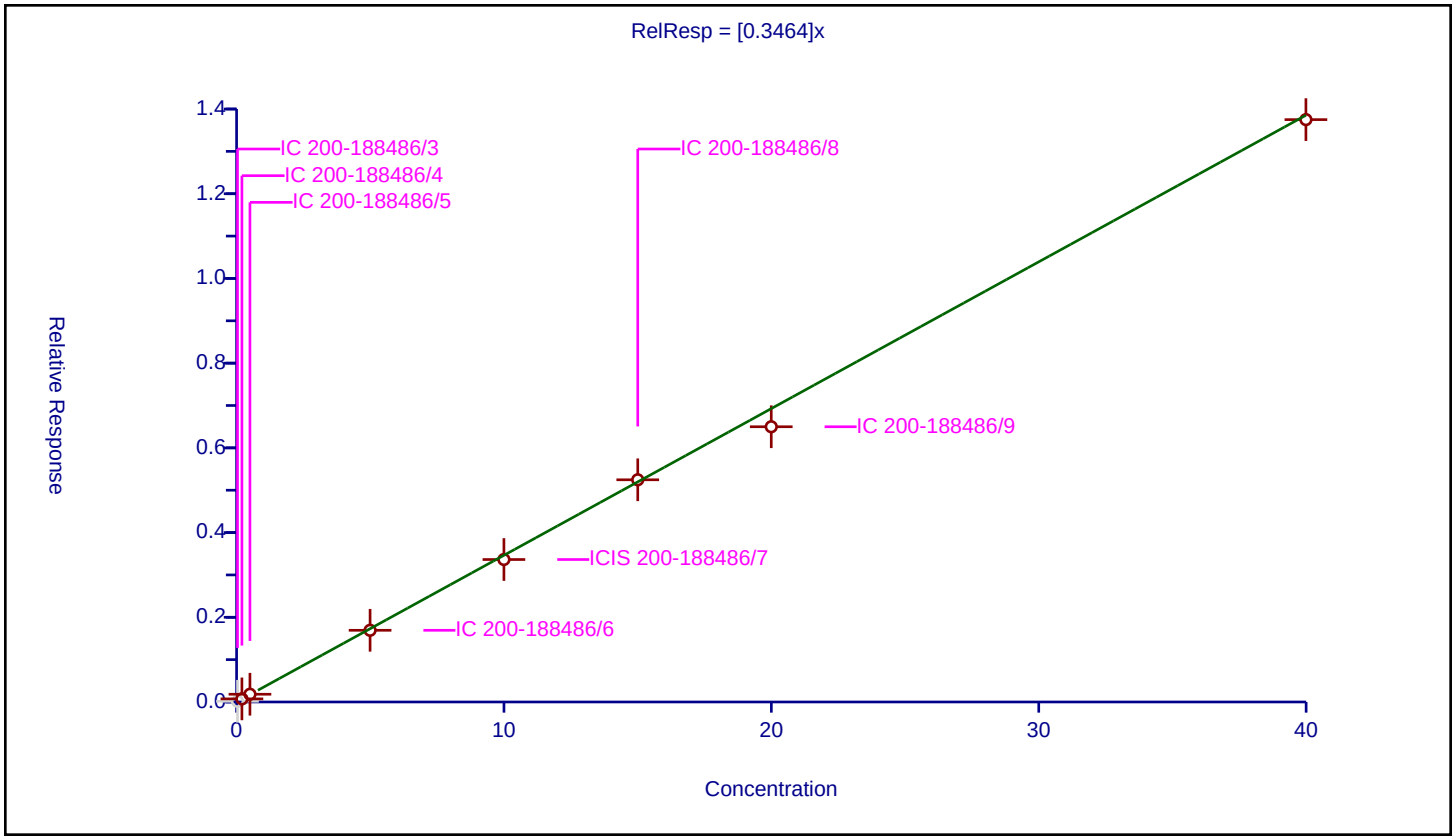
Curve Coefficients

Intercept:	0
Slope:	0.3464

Error Coefficients

Standard Error:	850000
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 200-188486/3	0.035077	0.017189	10.0	1206615.0	0.490025	N
2	IC 200-188486/4	0.20044	0.07325	10.0	1182386.0	0.365448	Y
3	IC 200-188486/5	0.500453	0.182804	10.0	1215840.0	0.365277	Y
4	IC 200-188486/6	4.992563	1.692669	10.0	1054914.0	0.339038	Y
5	ICIS 200-188486/7	9.99806	3.363771	10.0	1230708.0	0.336442	Y
6	IC 200-188486/8	15.003557	5.2462	10.0	1242993.0	0.349664	Y
7	IC 200-188486/9	19.99612	6.498274	10.0	1294276.0	0.324977	Y
8	IC 200-188486/10	39.99224	13.74914	10.0	1260201.0	0.343795	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

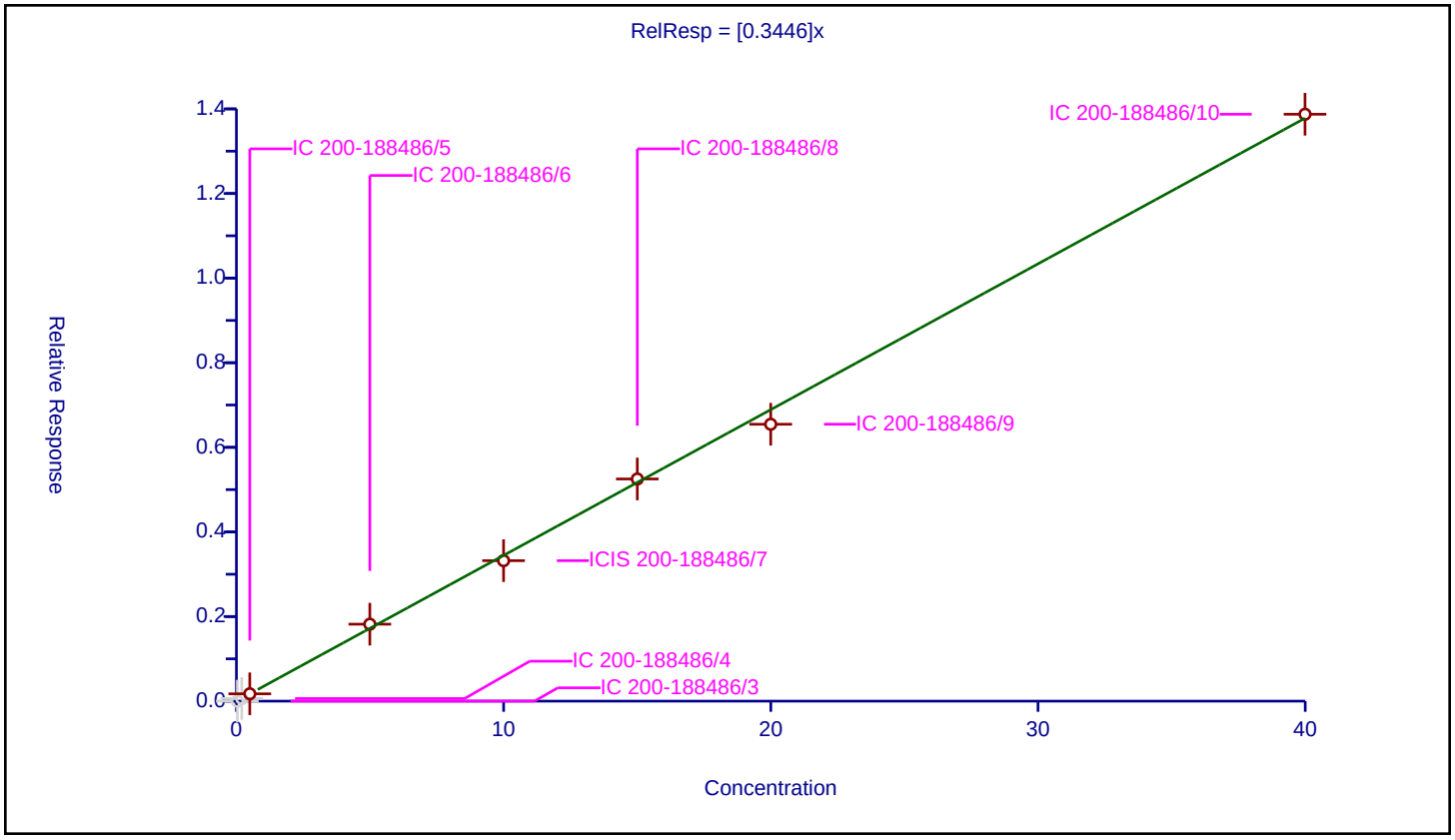
Curve Coefficients

Intercept:	0
Slope:	0.3446

Error Coefficients

Standard Error:	939000
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 200-188486/3	0.035077	0.0	10.0	1206615.0	0.0	N
2	IC 200-188486/4	0.20044	0.06212	10.0	1182386.0	0.309919	N
3	IC 200-188486/5	0.500453	0.173493	10.0	1215840.0	0.346673	Y
4	IC 200-188486/6	4.992563	1.819134	10.0	1054914.0	0.364369	Y
5	ICIS 200-188486/7	9.99806	3.320641	10.0	1230708.0	0.332129	Y
6	IC 200-188486/8	15.003557	5.251614	10.0	1242993.0	0.350025	Y
7	IC 200-188486/9	19.99612	6.545304	10.0	1294276.0	0.327329	Y
8	IC 200-188486/10	39.99224	13.873755	10.0	1260201.0	0.346911	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

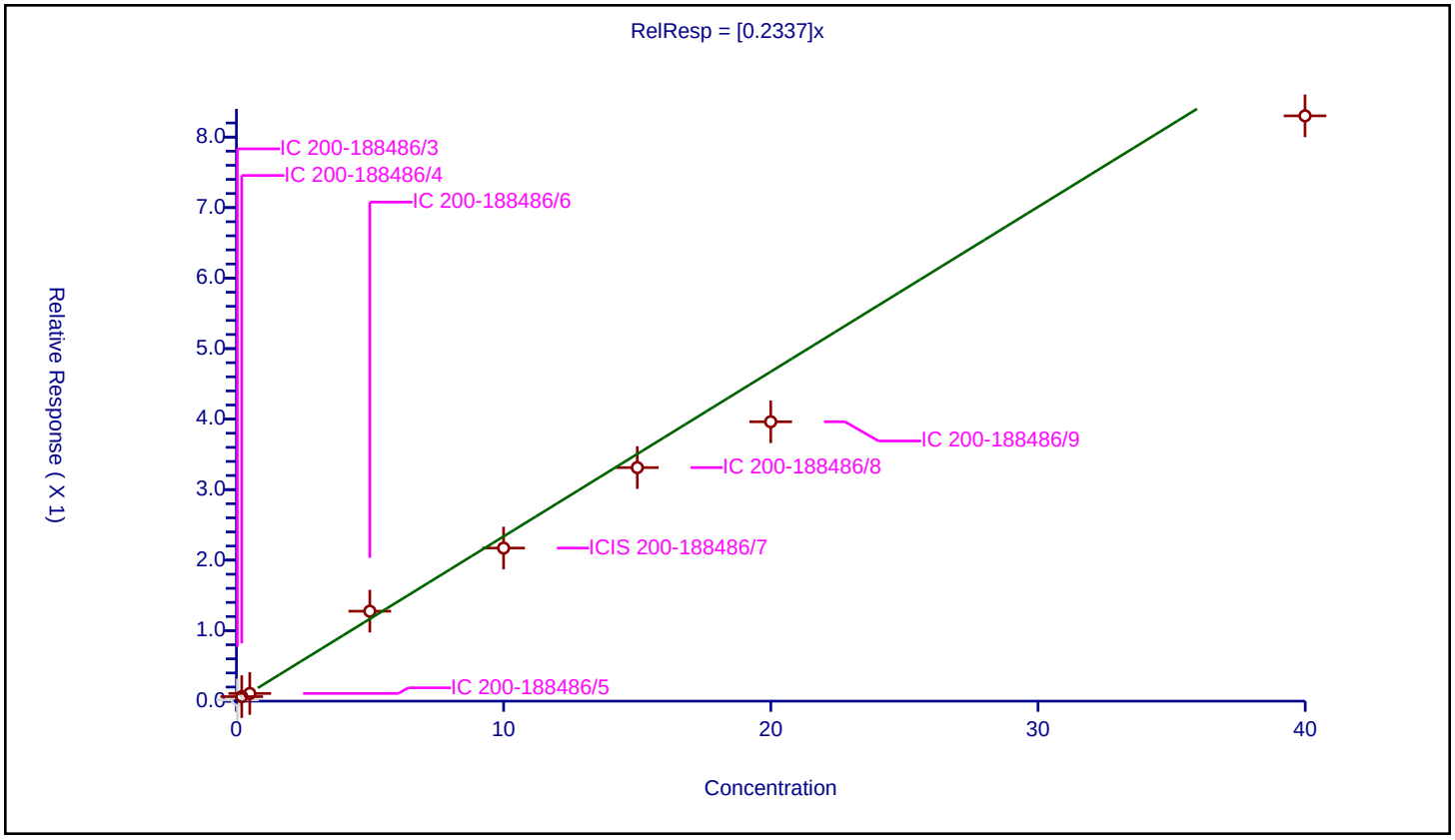
Curve Coefficients

Intercept:	0
Slope:	0.2337

Error Coefficients

Standard Error:	519000
Relative Standard Error:	17.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.016973	10.0	1206615.0	0.483882	N
2	IC 200-188486/4	0.20044	0.063905	10.0	1182386.0	0.318823	Y
3	IC 200-188486/5	0.500453	0.108896	10.0	1215840.0	0.217595	Y
4	IC 200-188486/6	4.992563	1.275725	10.0	1054914.0	0.255525	Y
5	ICIS 200-188486/7	9.99806	2.171002	10.0	1230708.0	0.217142	Y
6	IC 200-188486/8	15.003557	3.312344	10.0	1242993.0	0.220771	Y
7	IC 200-188486/9	19.99612	3.962625	10.0	1294276.0	0.19817	Y
8	IC 200-188486/10	39.99224	8.301573	10.0	1260201.0	0.20758	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

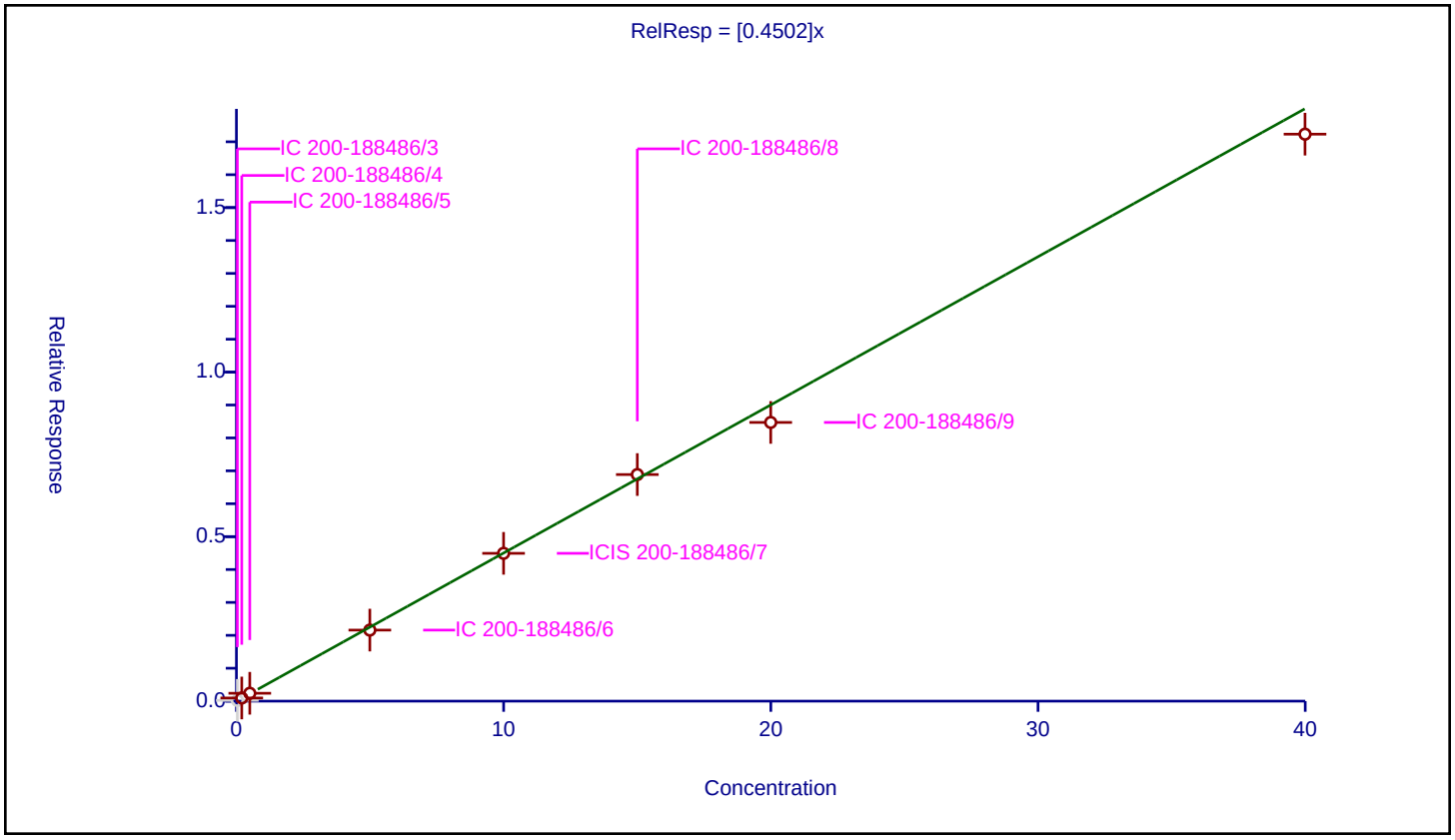
Curve Coefficients

Intercept:	0
Slope:	0.4502

Error Coefficients

Standard Error:	1080000
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 200-188486/3	0.035077	0.023288	10.0	1206615.0	0.66392	N
2	IC 200-188486/4	0.20044	0.096018	10.0	1182386.0	0.479035	Y
3	IC 200-188486/5	0.500453	0.238847	10.0	1215840.0	0.477262	Y
4	IC 200-188486/6	4.992563	2.159114	10.0	1054914.0	0.432466	Y
5	ICIS 200-188486/7	9.99806	4.492528	10.0	1230708.0	0.44934	Y
6	IC 200-188486/8	15.003557	6.886523	10.0	1242993.0	0.458993	Y
7	IC 200-188486/9	19.99612	8.470736	10.0	1294276.0	0.423619	Y
8	IC 200-188486/10	39.99224	17.231965	10.0	1260201.0	0.430883	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

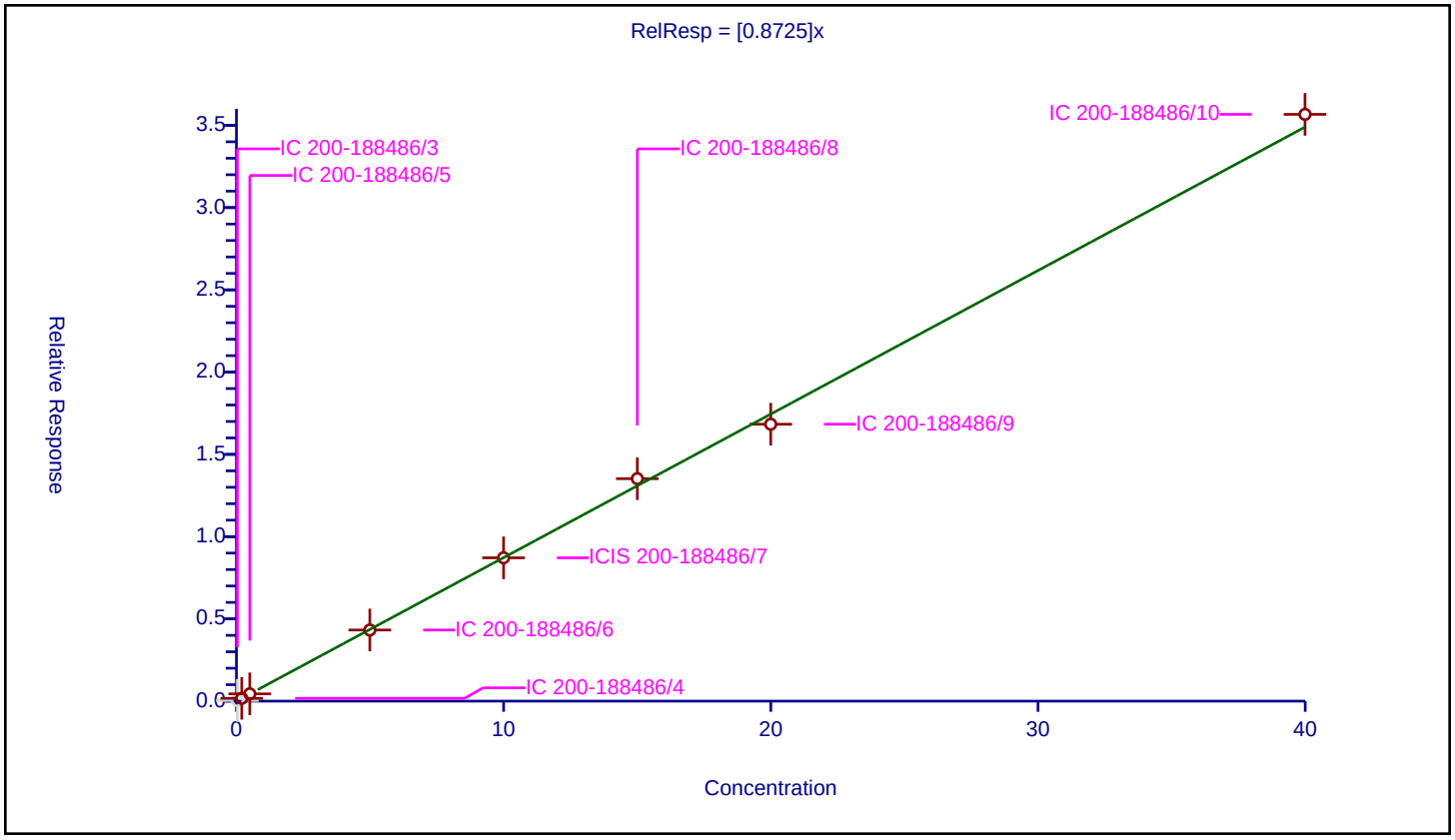
Curve Coefficients

Intercept:	0
Slope:	0.8725

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.03954	10.0	1206615.0	1.127247	N
2	IC 200-188486/4	0.20044	0.170748	10.0	1182386.0	0.851867	Y
3	IC 200-188486/5	0.500453	0.442057	10.0	1215840.0	0.883313	Y
4	IC 200-188486/6	4.992563	4.323461	10.0	1054914.0	0.86598	Y
5	ICIS 200-188486/7	9.99806	8.71266	10.0	1230708.0	0.871435	Y
6	IC 200-188486/8	15.003557	13.522506	10.0	1242993.0	0.901287	Y
7	IC 200-188486/9	19.99612	16.833913	10.0	1294276.0	0.841859	Y
8	IC 200-188486/10	39.99224	35.667889	10.0	1260201.0	0.89187	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

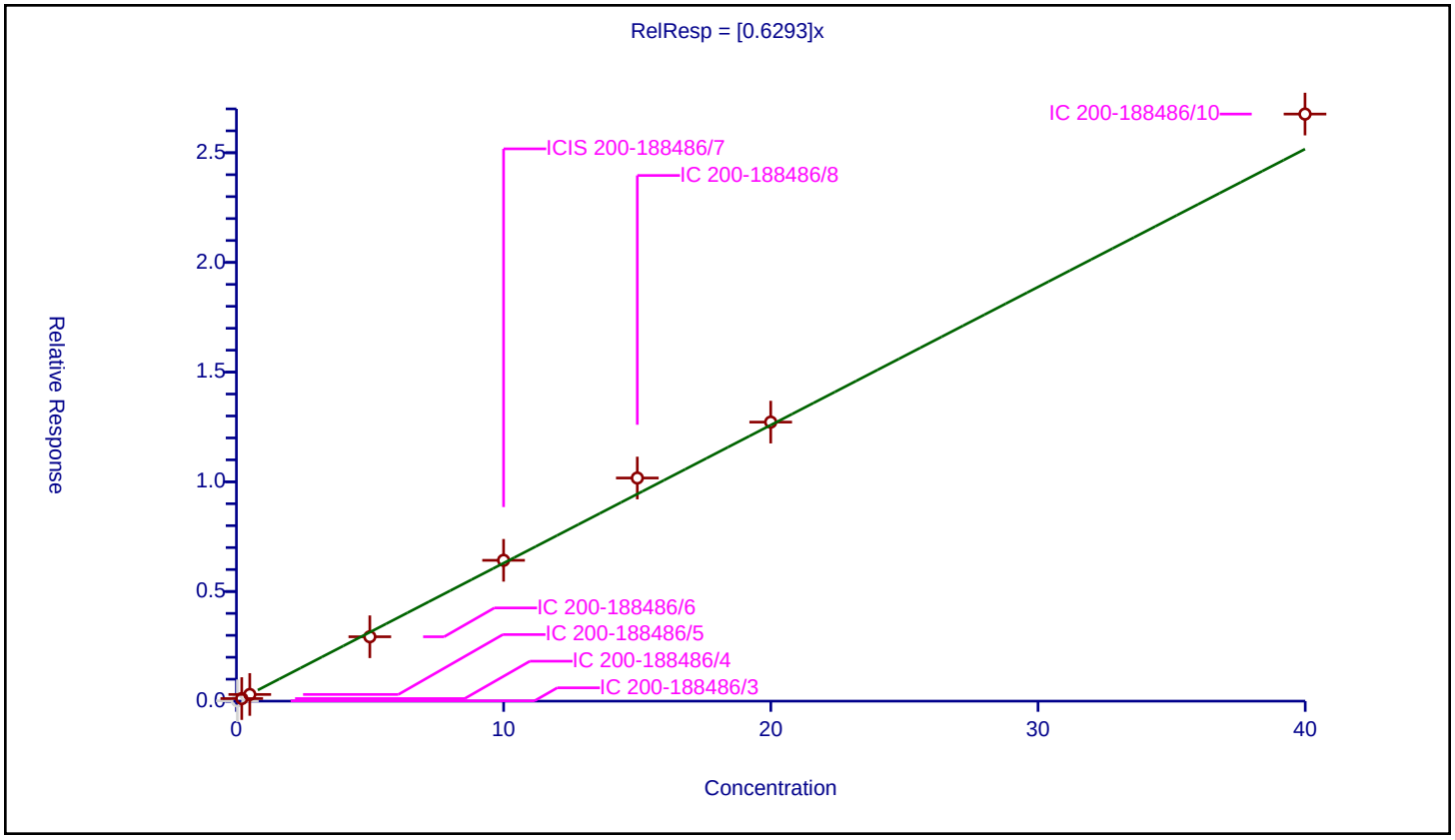
Curve Coefficients

Intercept:	0
Slope:	0.6293

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.014802	10.0	1206615.0	0.421979	N
2	IC 200-188486/4	0.20044	0.117026	10.0	1182386.0	0.583847	Y
3	IC 200-188486/5	0.500453	0.304283	10.0	1215840.0	0.608017	Y
4	IC 200-188486/6	4.992563	2.935803	10.0	1054914.0	0.588035	Y
5	ICIS 200-188486/7	9.99806	6.420638	10.0	1230708.0	0.642188	Y
6	IC 200-188486/8	15.003557	10.172036	10.0	1242993.0	0.677975	Y
7	IC 200-188486/9	19.99612	12.720224	10.0	1294276.0	0.636135	Y
8	IC 200-188486/10	39.99224	26.763881	10.0	1260201.0	0.669227	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

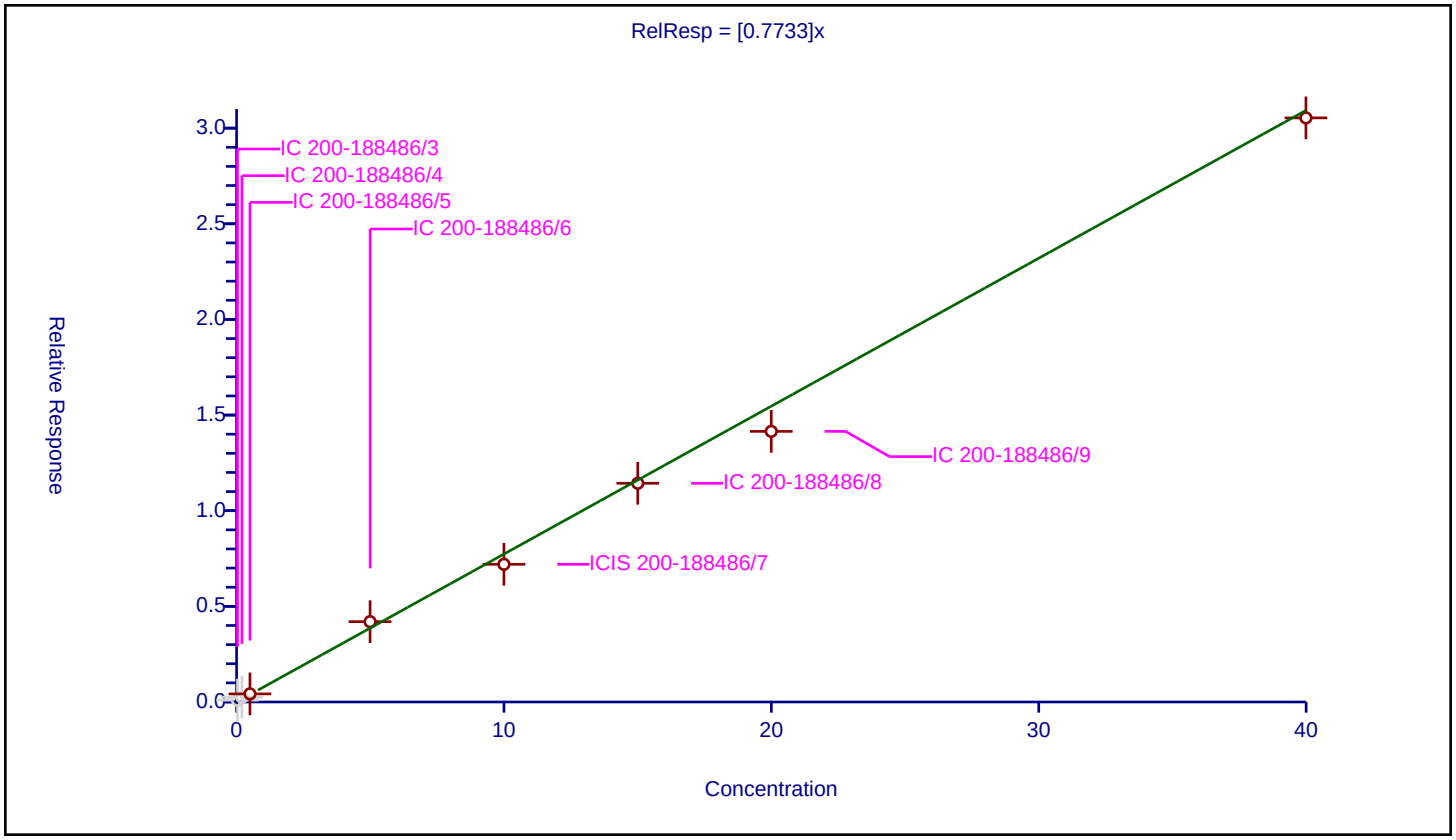
Curve Coefficients

Intercept:	0
Slope:	0.7733

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.095681	10.0	1206615.0	2.727743	N
2	IC 200-188486/4	0.20044	0.249394	10.0	1182386.0	1.244235	N
3	IC 200-188486/5	0.500453	0.423189	10.0	1215840.0	0.845612	Y
4	IC 200-188486/6	4.992563	4.199575	10.0	1054914.0	0.841166	Y
5	ICIS 200-188486/7	9.99806	7.198044	10.0	1230708.0	0.719944	Y
6	IC 200-188486/8	15.003557	11.434248	10.0	1242993.0	0.762102	Y
7	IC 200-188486/9	19.99612	14.145986	10.0	1294276.0	0.707437	Y
8	IC 200-188486/10	39.99224	30.535621	10.0	1260201.0	0.763539	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

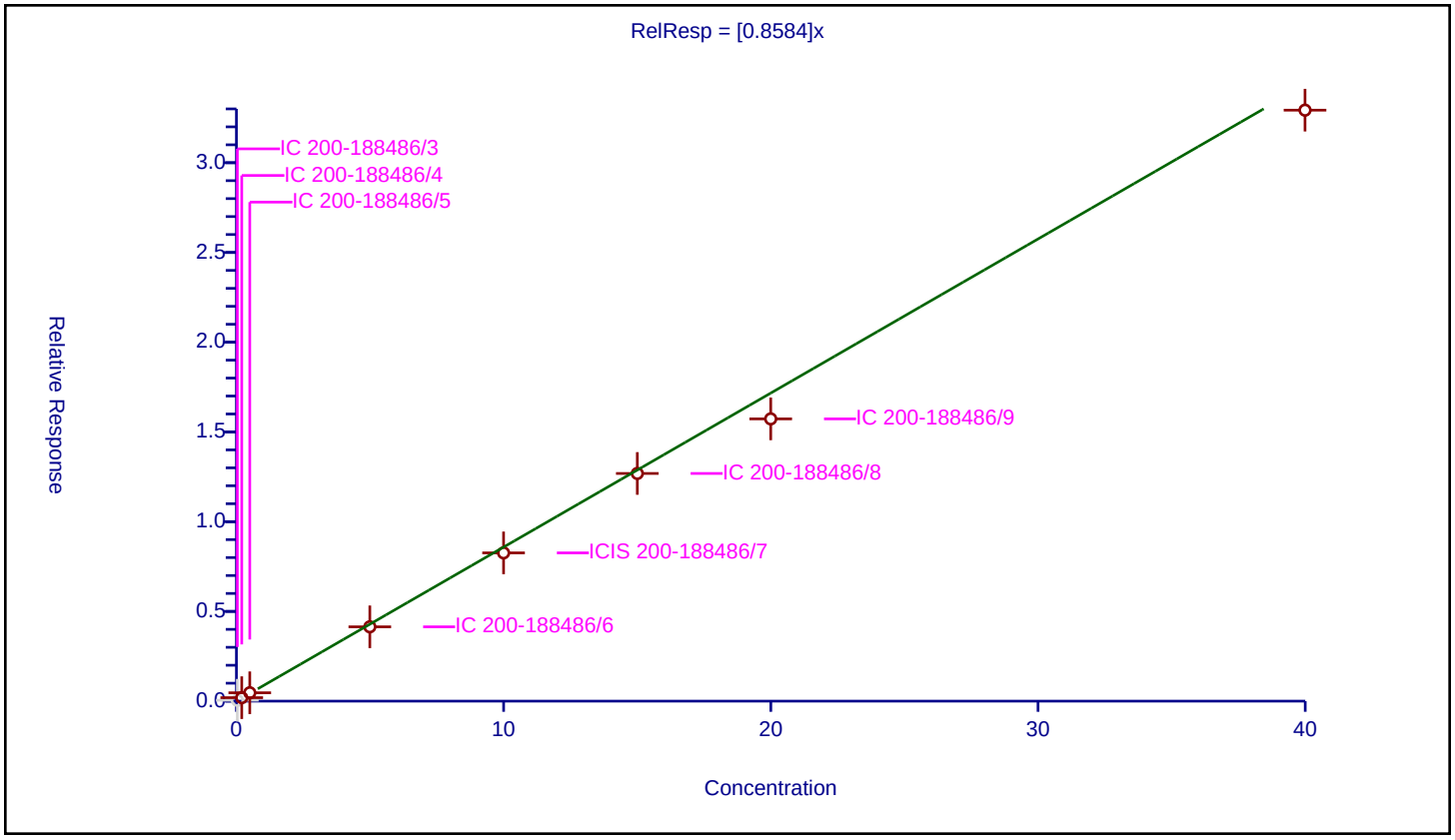
Curve Coefficients

Intercept:	0
Slope:	0.8584

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.049554	10.0	937560.0	1.412728	N
2	IC 200-188486/4	0.20044	0.193218	10.0	932472.0	0.963969	Y
3	IC 200-188486/5	0.500453	0.46705	10.0	1035884.0	0.933256	Y
4	IC 200-188486/6	4.992563	4.141648	10.0	845562.0	0.829563	Y
5	ICIS 200-188486/7	9.99806	8.261108	10.0	1064074.0	0.826271	Y
6	IC 200-188486/8	15.003557	12.686484	10.0	1085002.0	0.845565	Y
7	IC 200-188486/9	19.99612	15.727785	10.0	1138894.0	0.786542	Y
8	IC 200-188486/10	39.99224	32.928839	10.0	1095144.0	0.823381	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

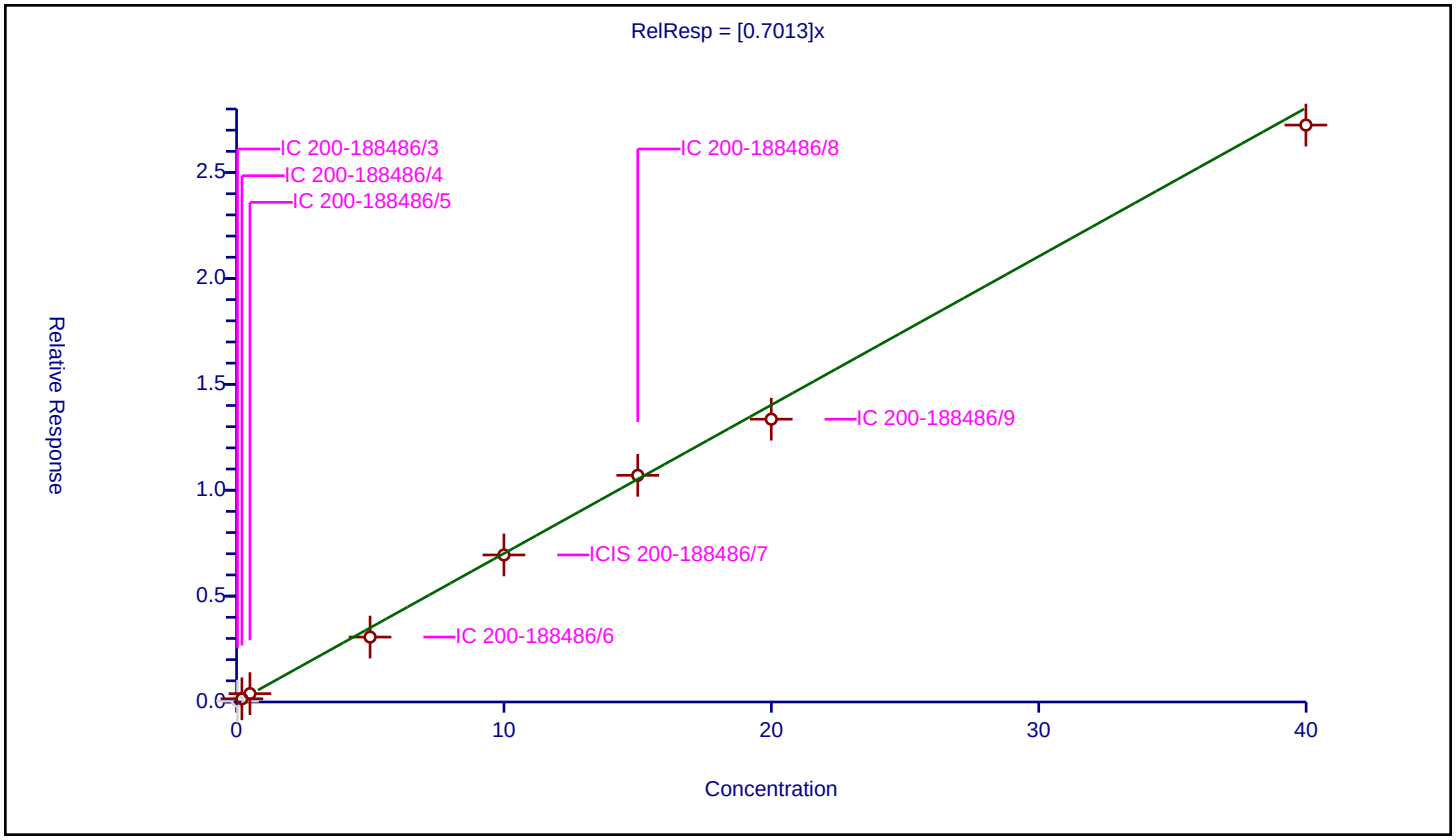
Curve Coefficients

Intercept:	0
Slope:	0.7013

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.039698	10.0	1206615.0	1.131736	N
2	IC 200-188486/4	0.20044	0.150382	10.0	1182386.0	0.750262	Y
3	IC 200-188486/5	0.500453	0.394402	10.0	1215840.0	0.788091	Y
4	IC 200-188486/6	4.992563	3.065397	10.0	1054914.0	0.613993	Y
5	ICIS 200-188486/7	9.99806	6.942768	10.0	1230708.0	0.694412	Y
6	IC 200-188486/8	15.003557	10.702522	10.0	1242993.0	0.713332	Y
7	IC 200-188486/9	19.99612	13.353929	10.0	1294276.0	0.667826	Y
8	IC 200-188486/10	39.99224	27.241726	10.0	1260201.0	0.681175	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

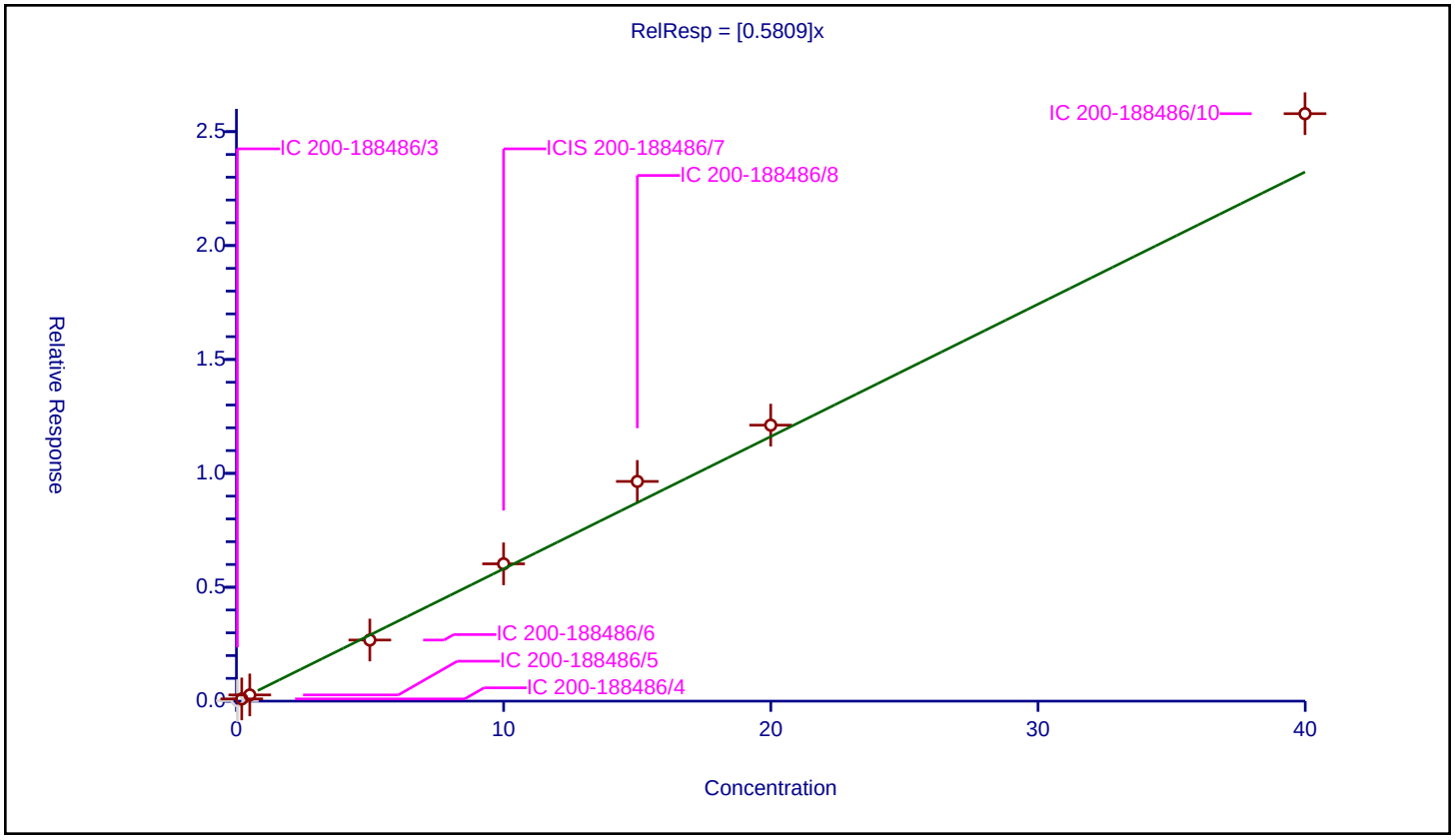
Curve Coefficients

Intercept:	0
Slope:	0.5809

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.022203	10.0	1206615.0	0.632969	N
2	IC 200-188486/4	0.20044	0.097574	10.0	1182386.0	0.486799	Y
3	IC 200-188486/5	0.500453	0.272988	10.0	1215840.0	0.545483	Y
4	IC 200-188486/6	4.992563	2.682257	10.0	1054914.0	0.53725	Y
5	ICIS 200-188486/7	9.99806	6.028376	10.0	1230708.0	0.602955	Y
6	IC 200-188486/8	15.003557	9.64538	10.0	1242993.0	0.642873	Y
7	IC 200-188486/9	19.99612	12.115824	10.0	1294276.0	0.605909	Y
8	IC 200-188486/10	39.99224	25.789672	10.0	1260201.0	0.644867	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

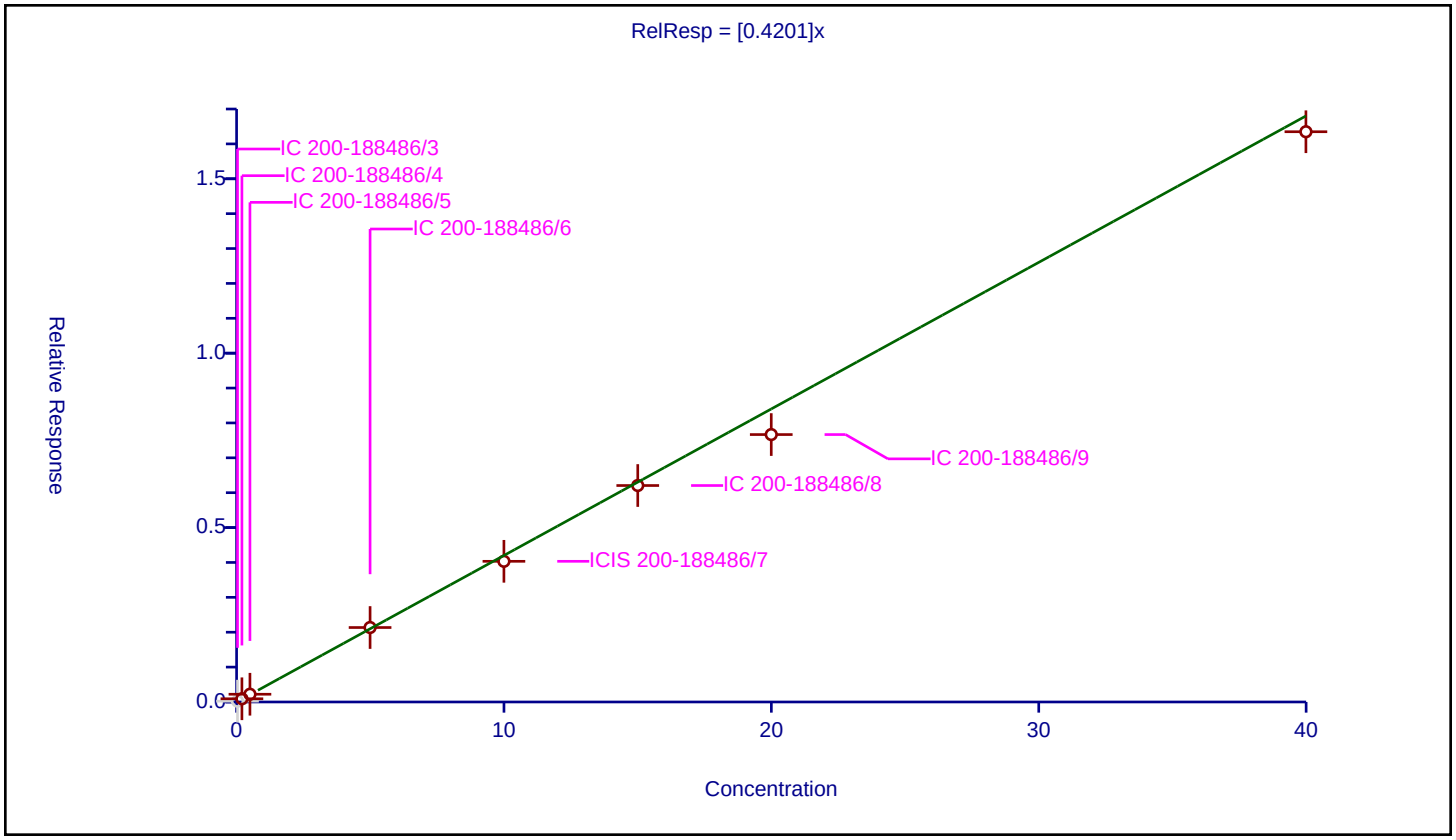
Curve Coefficients

Intercept:	0
Slope:	0.4201

Error Coefficients

Standard Error:	879000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.024105	10.0	937560.0	0.687207	N
2	IC 200-188486/4	0.20044	0.092303	10.0	932472.0	0.460503	Y
3	IC 200-188486/5	0.500453	0.221888	10.0	1035884.0	0.443374	Y
4	IC 200-188486/6	4.992563	2.134935	10.0	845562.0	0.427623	Y
5	ICIS 200-188486/7	9.99806	4.03284	10.0	1064074.0	0.403362	Y
6	IC 200-188486/8	15.003557	6.206228	10.0	1085002.0	0.41365	Y
7	IC 200-188486/9	19.99612	7.667184	10.0	1138894.0	0.383434	Y
8	IC 200-188486/10	39.99224	16.348398	10.0	1095144.0	0.408789	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

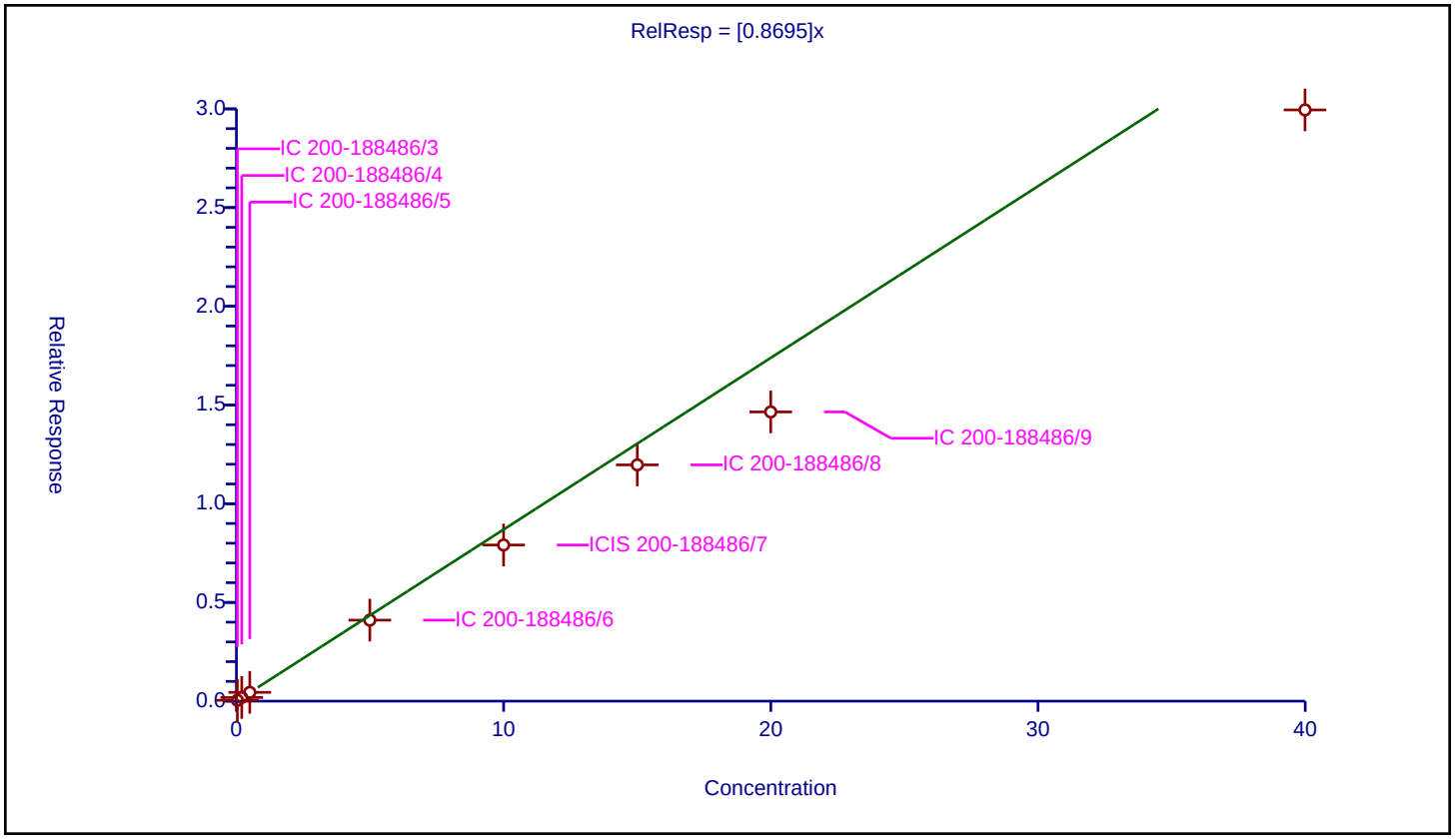
Curve Coefficients

Intercept:	0
Slope:	0.8695

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	19.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.043912	10.0	937560.0	1.251872	Y
2	IC 200-188486/4	0.20044	0.184724	10.0	932472.0	0.921594	Y
3	IC 200-188486/5	0.500453	0.445561	10.0	1035884.0	0.890317	Y
4	IC 200-188486/6	4.992563	4.103898	10.0	845562.0	0.822002	Y
5	ICIS 200-188486/7	9.99806	7.908726	10.0	1064074.0	0.791026	Y
6	IC 200-188486/8	15.003557	11.967093	10.0	1085002.0	0.797617	Y
7	IC 200-188486/9	19.99612	14.649493	10.0	1138894.0	0.732617	Y
8	IC 200-188486/10	39.99224	29.947943	10.0	1095144.0	0.748844	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

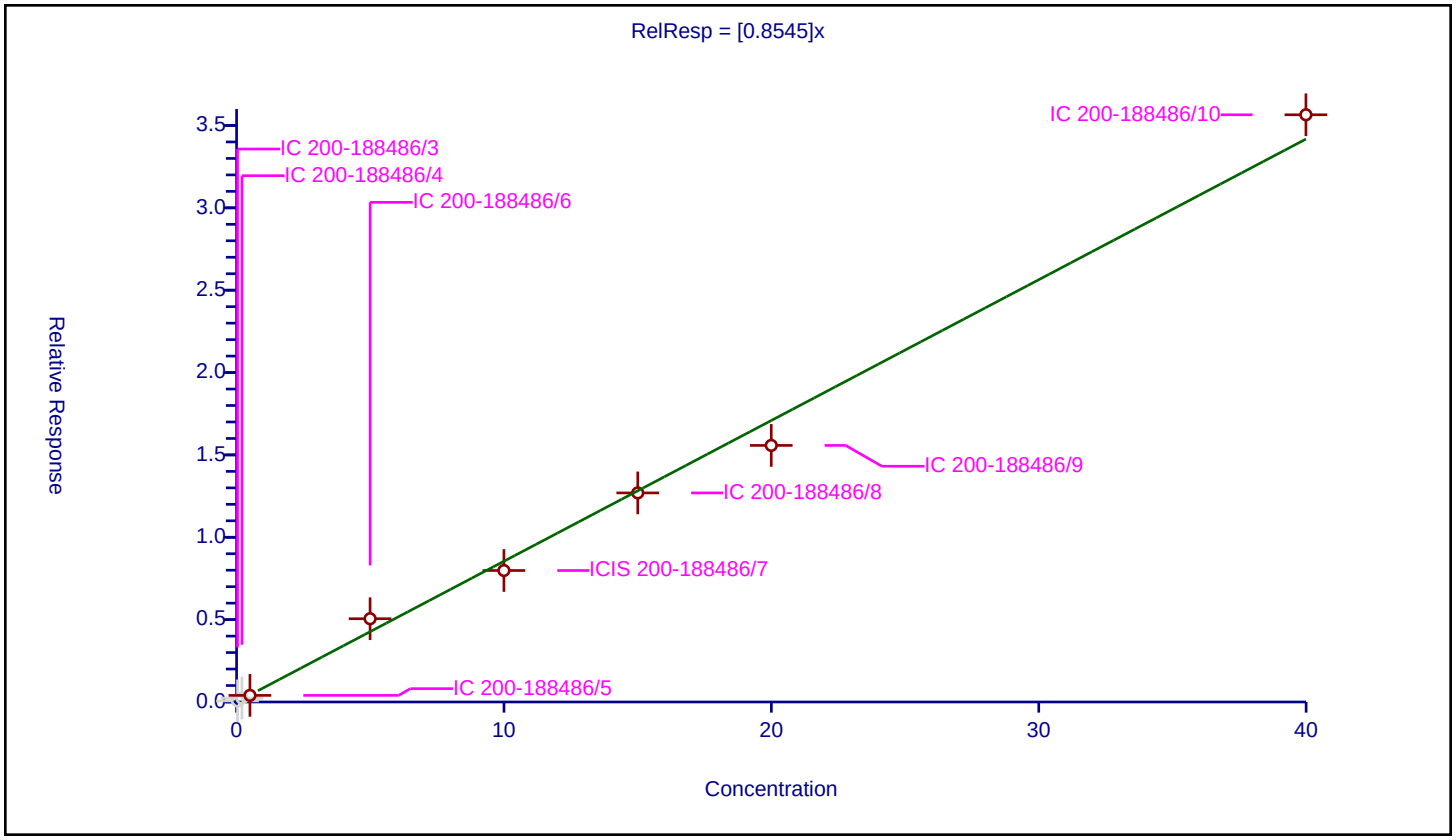
Curve Coefficients

Intercept:	0
Slope:	0.8545

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.066641	10.0	937560.0	1.899854	N
2	IC 200-188486/4	0.20044	0.236801	10.0	932472.0	1.181406	N
3	IC 200-188486/5	0.500453	0.400305	10.0	1035884.0	0.799887	Y
4	IC 200-188486/6	4.992563	5.055135	10.0	845562.0	1.012533	Y
5	ICIS 200-188486/7	9.99806	7.982358	10.0	1064074.0	0.798391	Y
6	IC 200-188486/8	15.003557	12.69288	10.0	1085002.0	0.845991	Y
7	IC 200-188486/9	19.99612	15.576305	10.0	1138894.0	0.778966	Y
8	IC 200-188486/10	39.99224	35.650727	10.0	1095144.0	0.891441	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

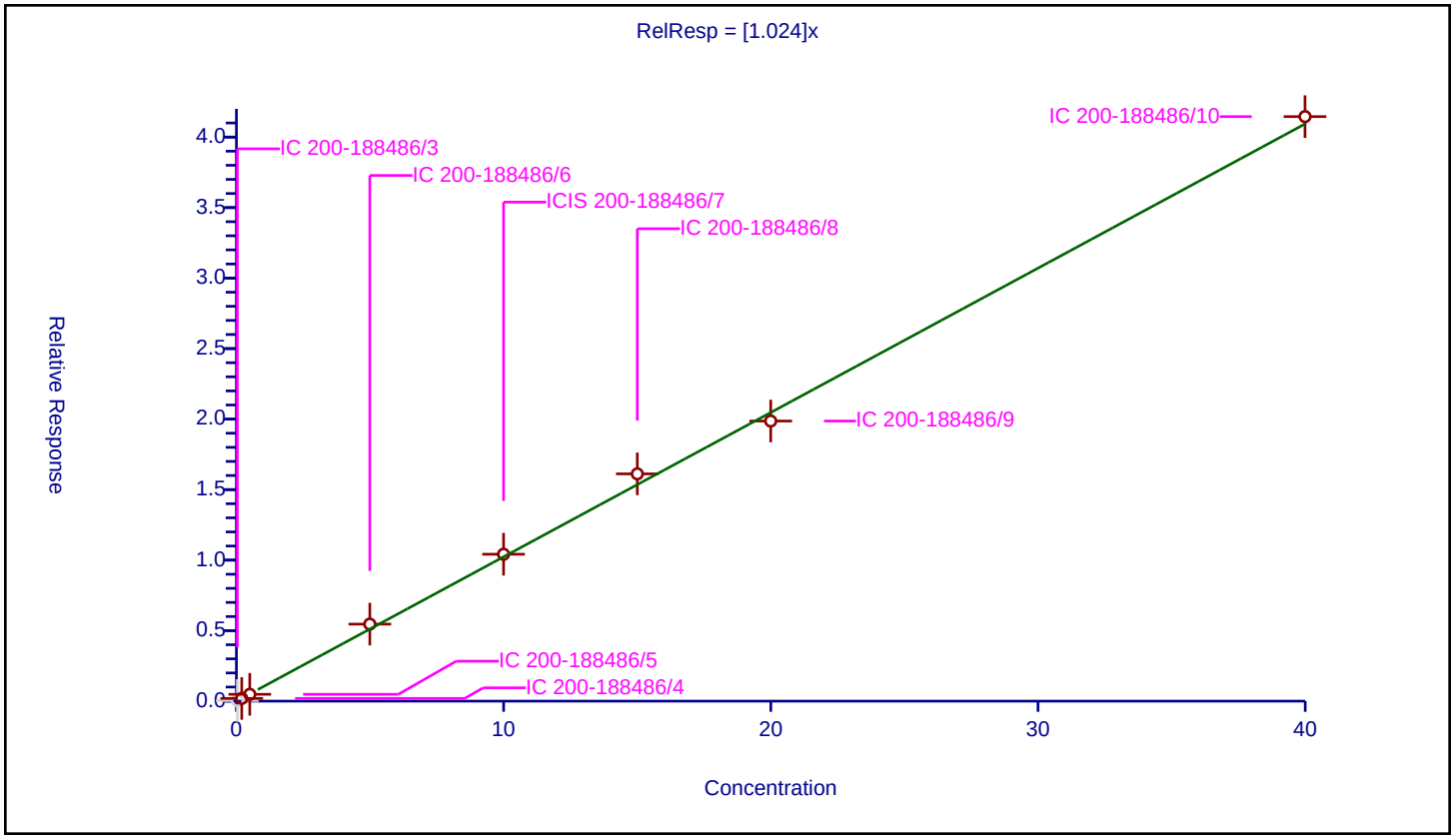
Curve Coefficients

Intercept:	0
Slope:	1.024

Error Coefficients

Standard Error:	2240000
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 200-188486/3	0.035077	0.042664	10.0	937560.0	1.216296	N
2	IC 200-188486/4	0.20044	0.192081	10.0	932472.0	0.958298	Y
3	IC 200-188486/5	0.500453	0.483558	10.0	1035884.0	0.966241	Y
4	IC 200-188486/6	4.992563	5.461397	10.0	845562.0	1.093907	Y
5	ICIS 200-188486/7	9.99806	10.418138	10.0	1064074.0	1.042016	Y
6	IC 200-188486/8	15.003557	16.118016	10.0	1085002.0	1.07428	Y
7	IC 200-188486/9	19.99612	19.863534	10.0	1138894.0	0.993369	Y
8	IC 200-188486/10	39.99224	41.45253	10.0	1095144.0	1.036514	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

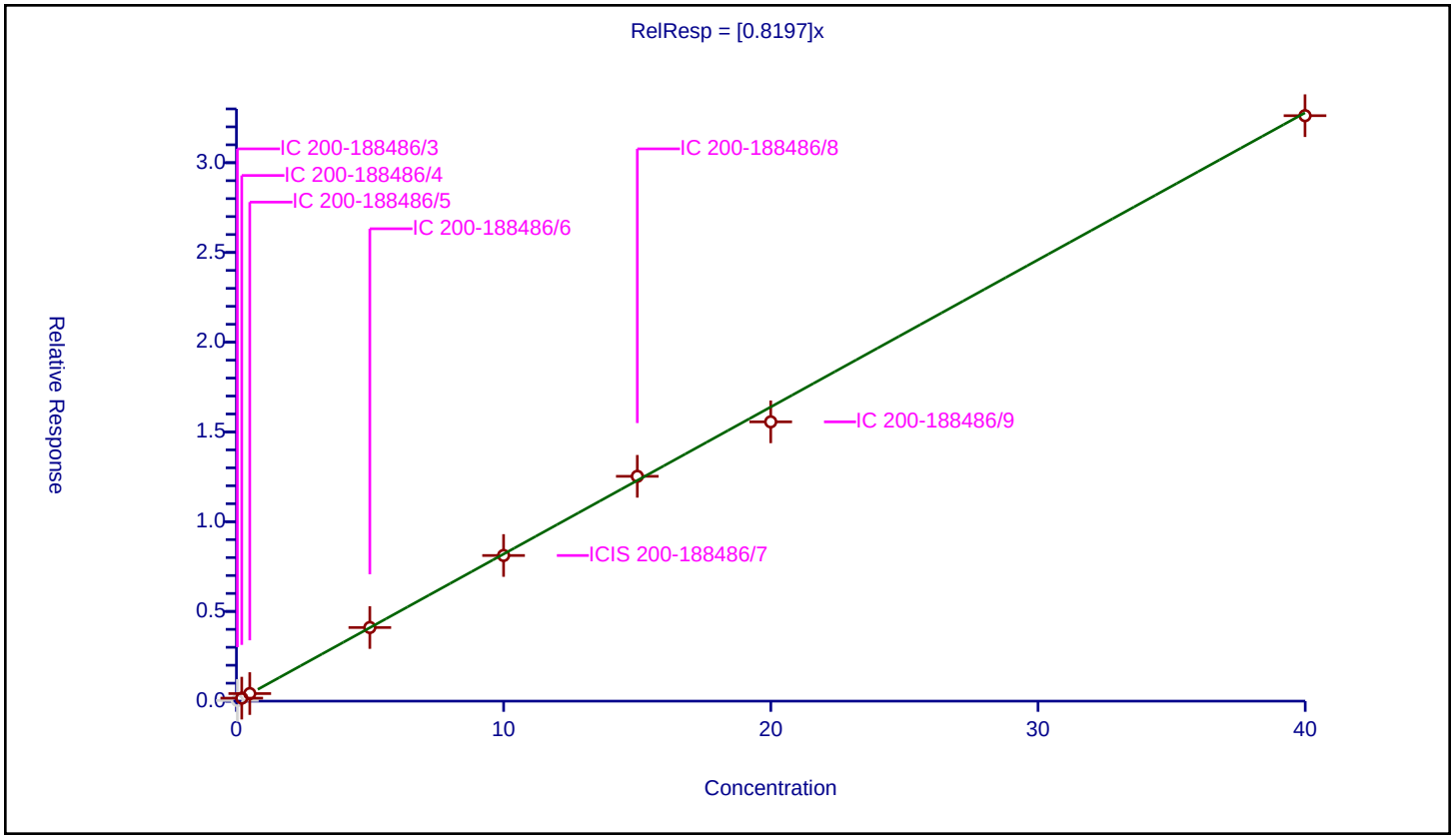
Curve Coefficients

Intercept:	0
Slope:	0.8197

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.038024	10.0	937560.0	1.084024	N
2	IC 200-188486/4	0.20044	0.166943	10.0	932472.0	0.832886	Y
3	IC 200-188486/5	0.500453	0.42165	10.0	1035884.0	0.842536	Y
4	IC 200-188486/6	4.992563	4.103034	10.0	845562.0	0.821829	Y
5	ICIS 200-188486/7	9.99806	8.115676	10.0	1064074.0	0.811725	Y
6	IC 200-188486/8	15.003557	12.527212	10.0	1085002.0	0.834949	Y
7	IC 200-188486/9	19.99612	15.562581	10.0	1138894.0	0.77828	Y
8	IC 200-188486/10	39.99224	32.621354	10.0	1095144.0	0.815692	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

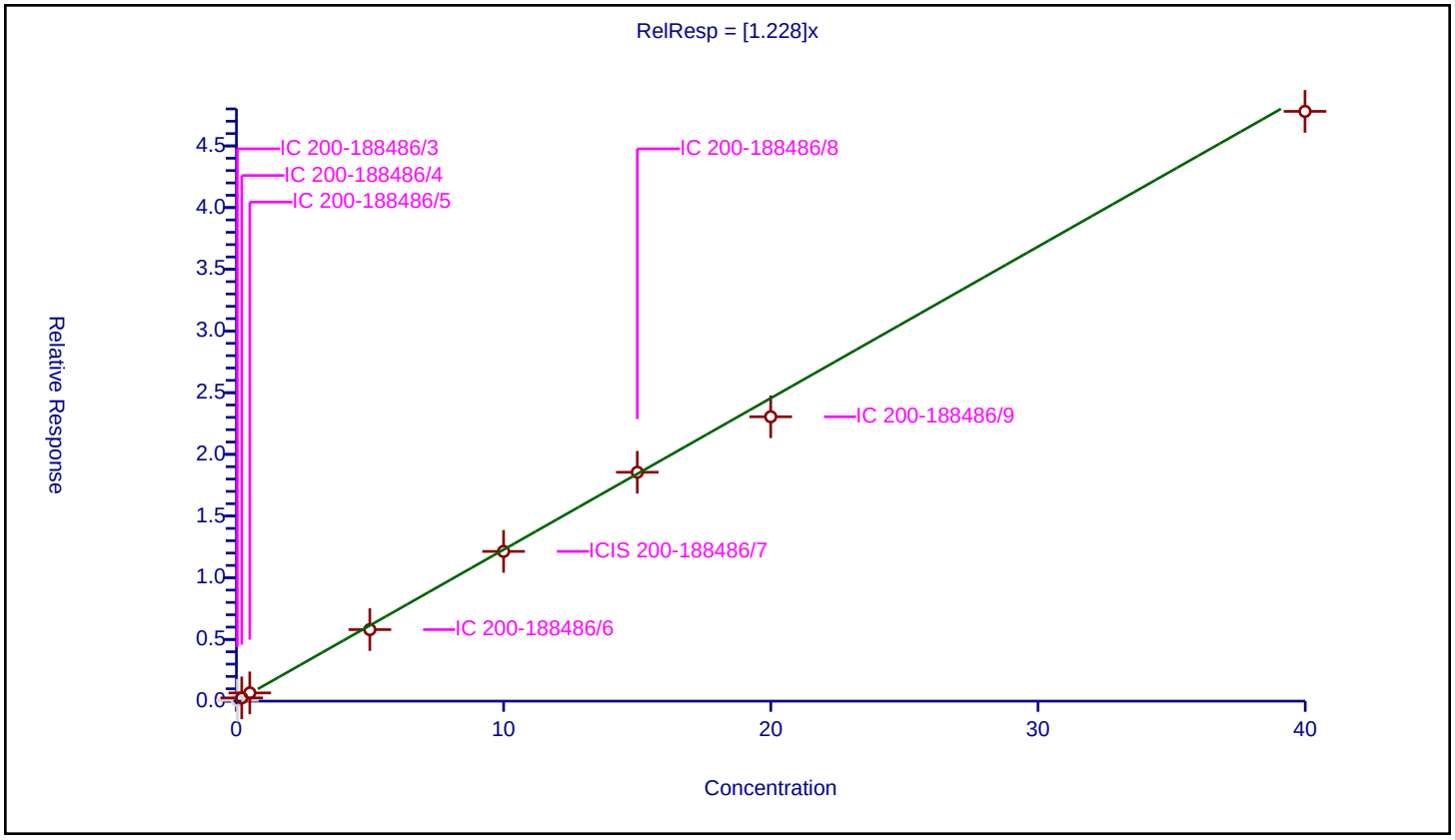
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.065873	10.0	937560.0	1.877961	N
2	IC 200-188486/4	0.20044	0.261574	10.0	932472.0	1.304999	Y
3	IC 200-188486/5	0.500453	0.666368	10.0	1035884.0	1.331531	Y
4	IC 200-188486/6	4.992563	5.796949	10.0	845562.0	1.161117	Y
5	ICIS 200-188486/7	9.99806	12.134438	10.0	1064074.0	1.213679	Y
6	IC 200-188486/8	15.003557	18.54897	10.0	1085002.0	1.236305	Y
7	IC 200-188486/9	19.99612	23.04952	10.0	1138894.0	1.1527	Y
8	IC 200-188486/10	39.99224	47.799741	10.0	1095144.0	1.195225	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

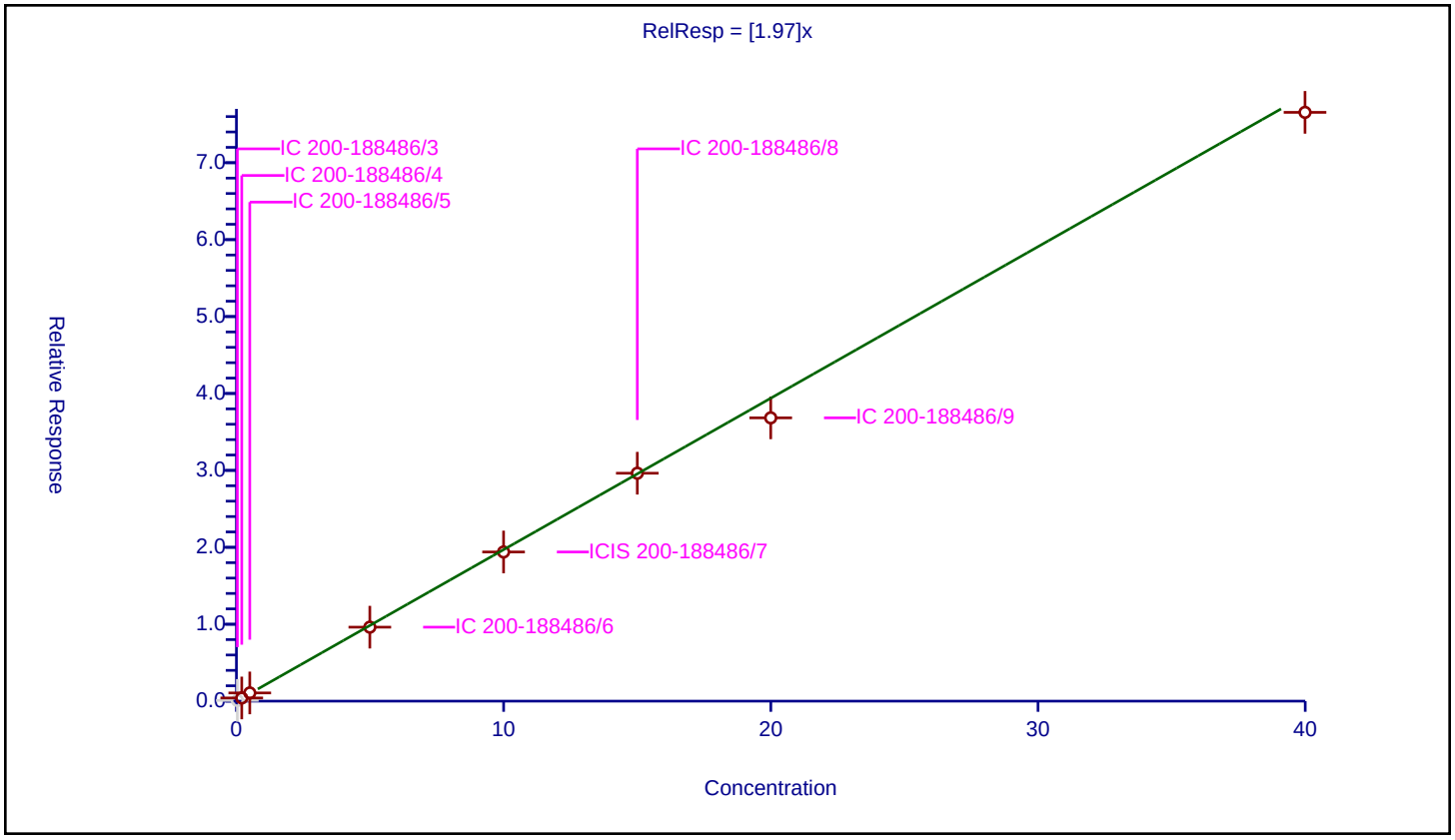
Curve Coefficients

Intercept:	0
Slope:	1.97

Error Coefficients

Standard Error:	4150000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.095834	10.0	937560.0	2.732104	N
2	IC 200-188486/4	0.20044	0.412366	10.0	932472.0	2.057309	Y
3	IC 200-188486/5	0.500453	1.066789	10.0	1035884.0	2.131649	Y
4	IC 200-188486/6	4.992563	9.619129	10.0	845562.0	1.926692	Y
5	ICIS 200-188486/7	9.99806	19.394469	10.0	1064074.0	1.939823	Y
6	IC 200-188486/8	15.003557	29.634323	10.0	1085002.0	1.975153	Y
7	IC 200-188486/9	19.99612	36.830425	10.0	1138894.0	1.841879	Y
8	IC 200-188486/10	39.99224	76.551212	10.0	1095144.0	1.914152	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

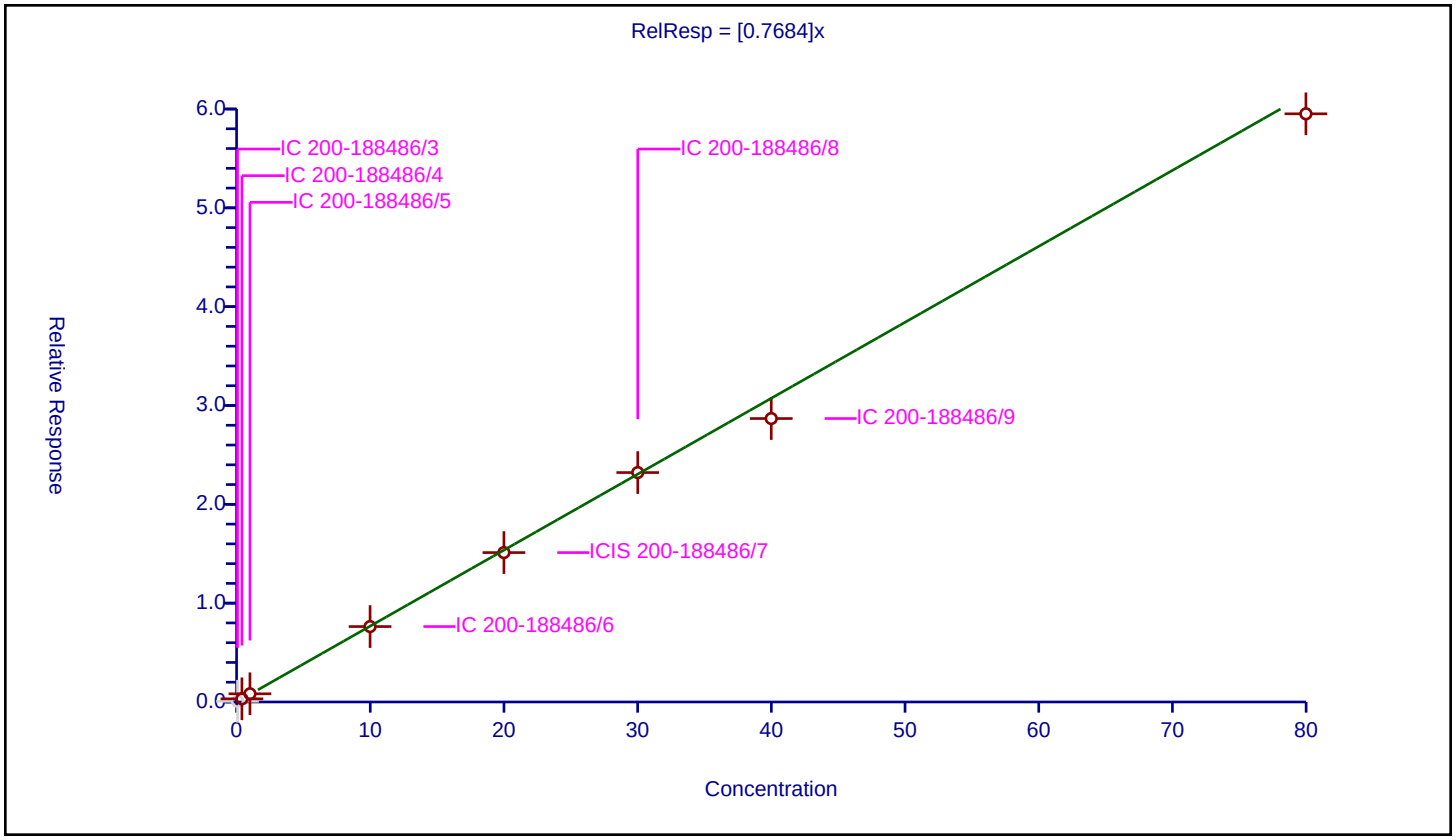
Curve Coefficients

Intercept:	0
Slope:	0.7684

Error Coefficients

Standard Error:	3230000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.070154	0.075035	10.0	937560.0	1.06958	N
2	IC 200-188486/4	0.400879	0.318551	10.0	932472.0	0.794631	Y
3	IC 200-188486/5	1.000905	0.829813	10.0	1035884.0	0.829063	Y
4	IC 200-188486/6	9.985126	7.630795	10.0	845562.0	0.764216	Y
5	ICIS 200-188486/7	19.99612	15.1158	10.0	1064074.0	0.755937	Y
6	IC 200-188486/8	30.007114	23.215432	10.0	1085002.0	0.773664	Y
7	IC 200-188486/9	39.99224	28.68151	10.0	1138894.0	0.717177	Y
8	IC 200-188486/10	79.984479	59.513653	10.0	1095144.0	0.744065	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

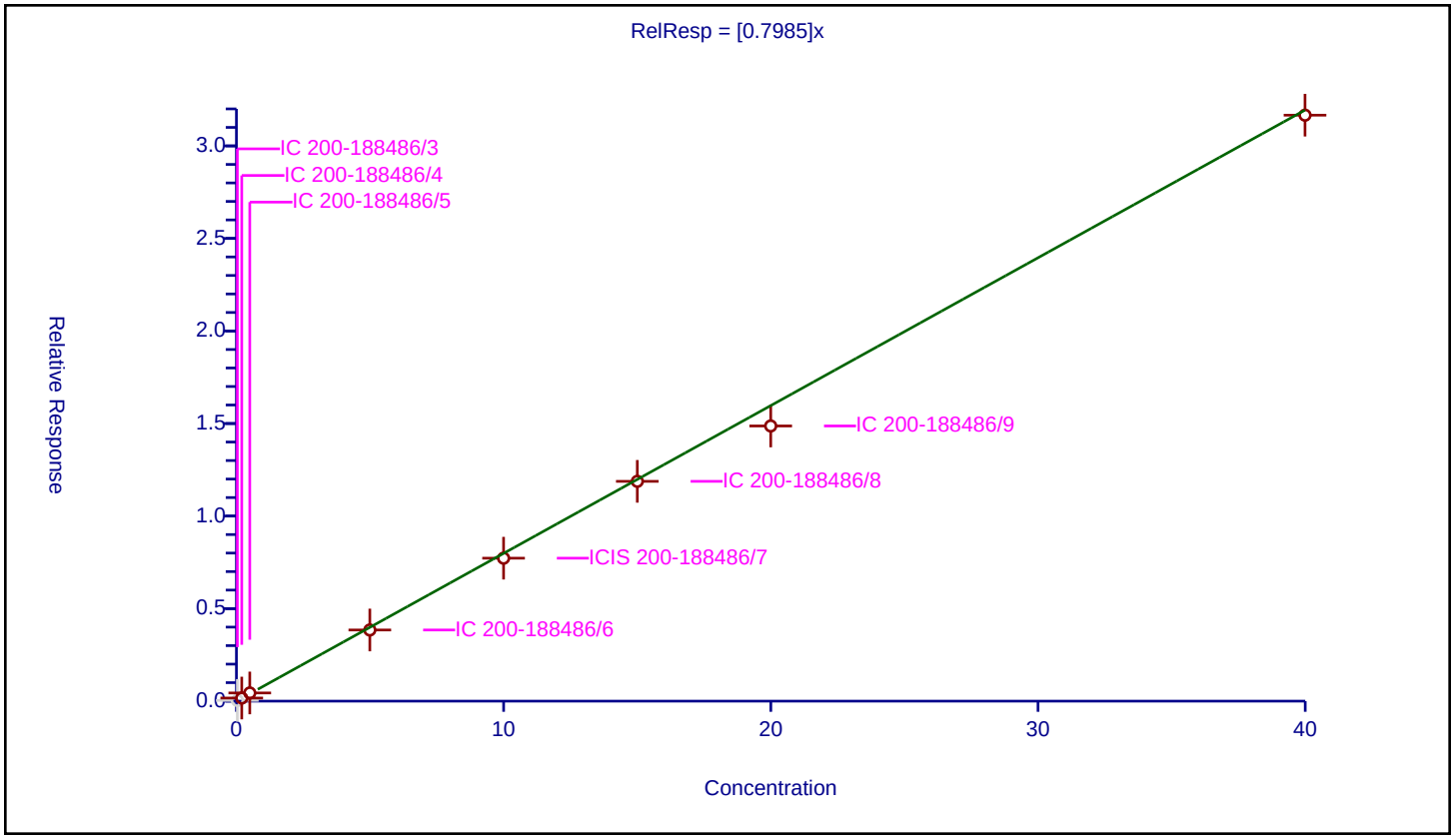
Curve Coefficients

Intercept:	0
Slope:	0.7985

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.040029	10.0	937560.0	1.14119	N
2	IC 200-188486/4	0.20044	0.167866	10.0	932472.0	0.837487	Y
3	IC 200-188486/5	0.500453	0.441912	10.0	1035884.0	0.883026	Y
4	IC 200-188486/6	4.992563	3.843787	10.0	845562.0	0.769903	Y
5	ICIS 200-188486/7	9.99806	7.724265	10.0	1064074.0	0.772576	Y
6	IC 200-188486/8	15.003557	11.875932	10.0	1085002.0	0.791541	Y
7	IC 200-188486/9	19.99612	14.868425	10.0	1138894.0	0.743566	Y
8	IC 200-188486/10	39.99224	31.660439	10.0	1095144.0	0.791665	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

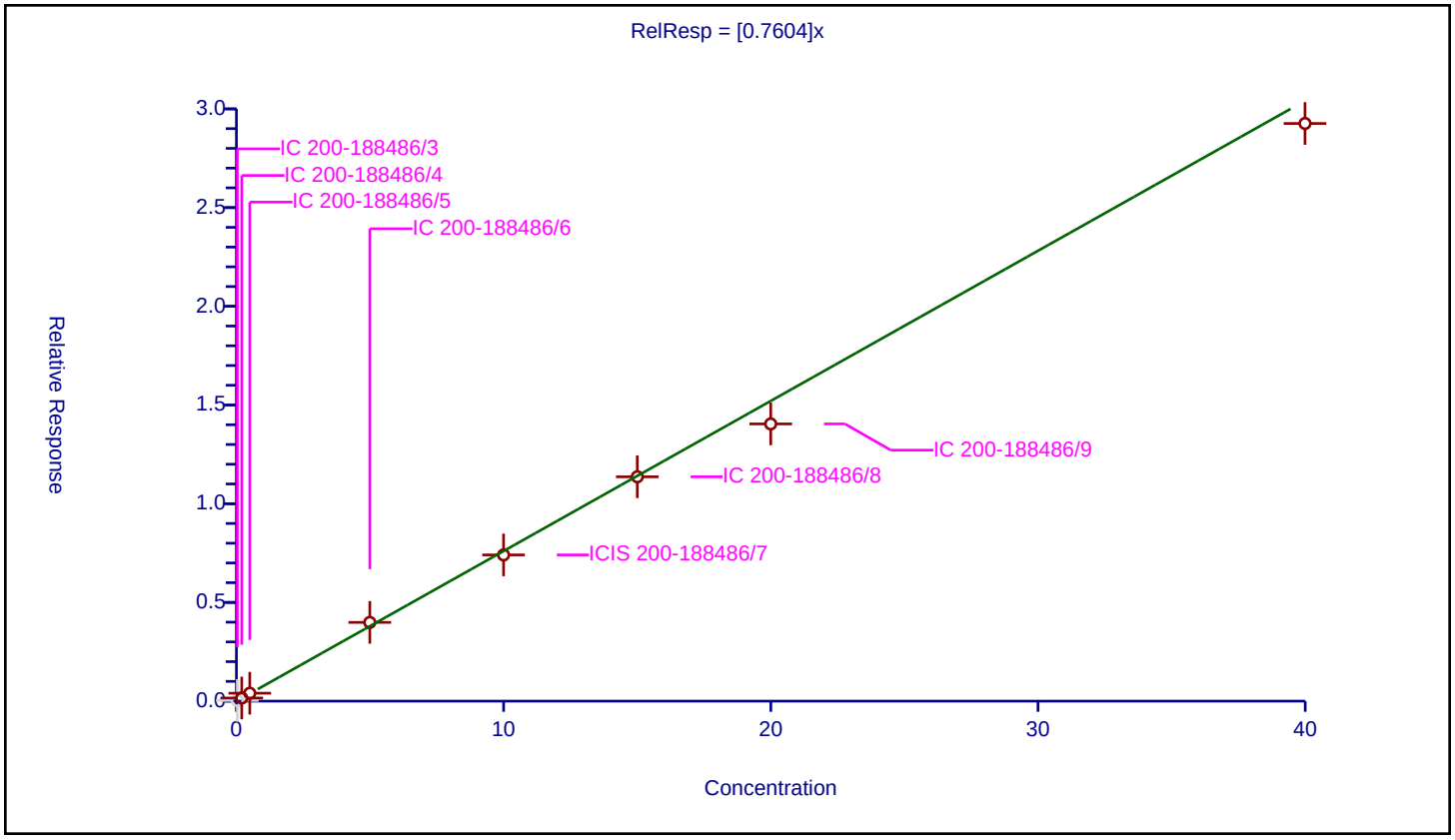
Curve Coefficients

Intercept:	0
Slope:	0.7604

Error Coefficients

Standard Error:	1590000
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 200-188486/3	0.035077	0.036414	10.0	937560.0	1.038108	N
2	IC 200-188486/4	0.20044	0.15816	10.0	932472.0	0.789067	Y
3	IC 200-188486/5	0.500453	0.40184	10.0	1035884.0	0.802954	Y
4	IC 200-188486/6	4.992563	3.988318	10.0	845562.0	0.798852	Y
5	ICIS 200-188486/7	9.99806	7.405538	10.0	1064074.0	0.740697	Y
6	IC 200-188486/8	15.003557	11.363878	10.0	1085002.0	0.757412	Y
7	IC 200-188486/9	19.99612	14.042202	10.0	1138894.0	0.702246	Y
8	IC 200-188486/10	39.99224	29.260134	10.0	1095144.0	0.731645	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

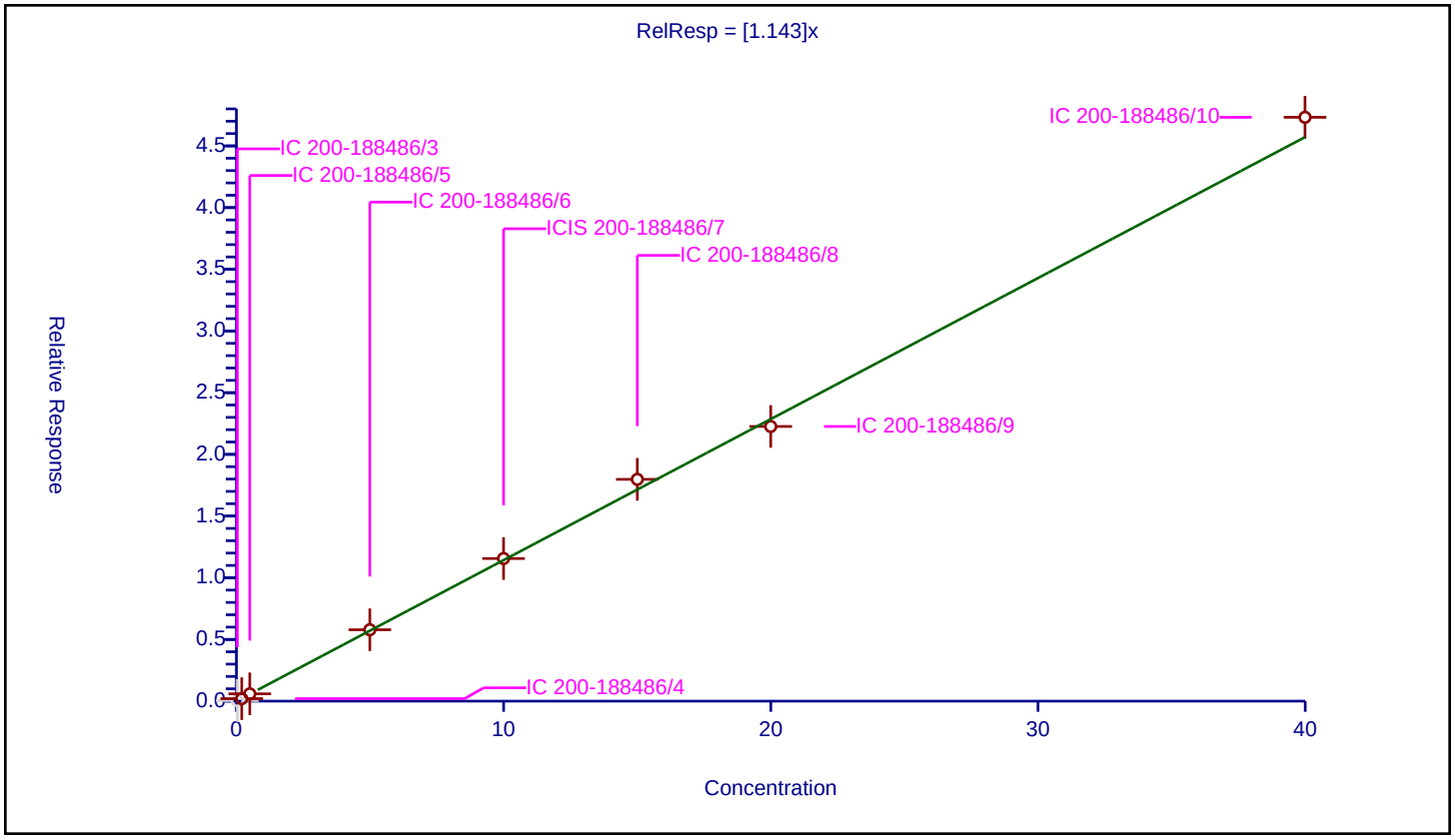
Curve Coefficients

Intercept:	0
Slope:	1.143

Error Coefficients

Standard Error:	2540000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.047058	10.0	937560.0	1.341574	N
2	IC 200-188486/4	0.20044	0.201722	10.0	932472.0	1.006397	Y
3	IC 200-188486/5	0.500453	0.592972	10.0	1035884.0	1.184871	Y
4	IC 200-188486/6	4.992563	5.786081	10.0	845562.0	1.15894	Y
5	ICIS 200-188486/7	9.99806	11.558754	10.0	1064074.0	1.1561	Y
6	IC 200-188486/8	15.003557	17.976345	10.0	1085002.0	1.198139	Y
7	IC 200-188486/9	19.99612	22.261966	10.0	1138894.0	1.113314	Y
8	IC 200-188486/10	39.99224	47.318006	10.0	1095144.0	1.18318	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

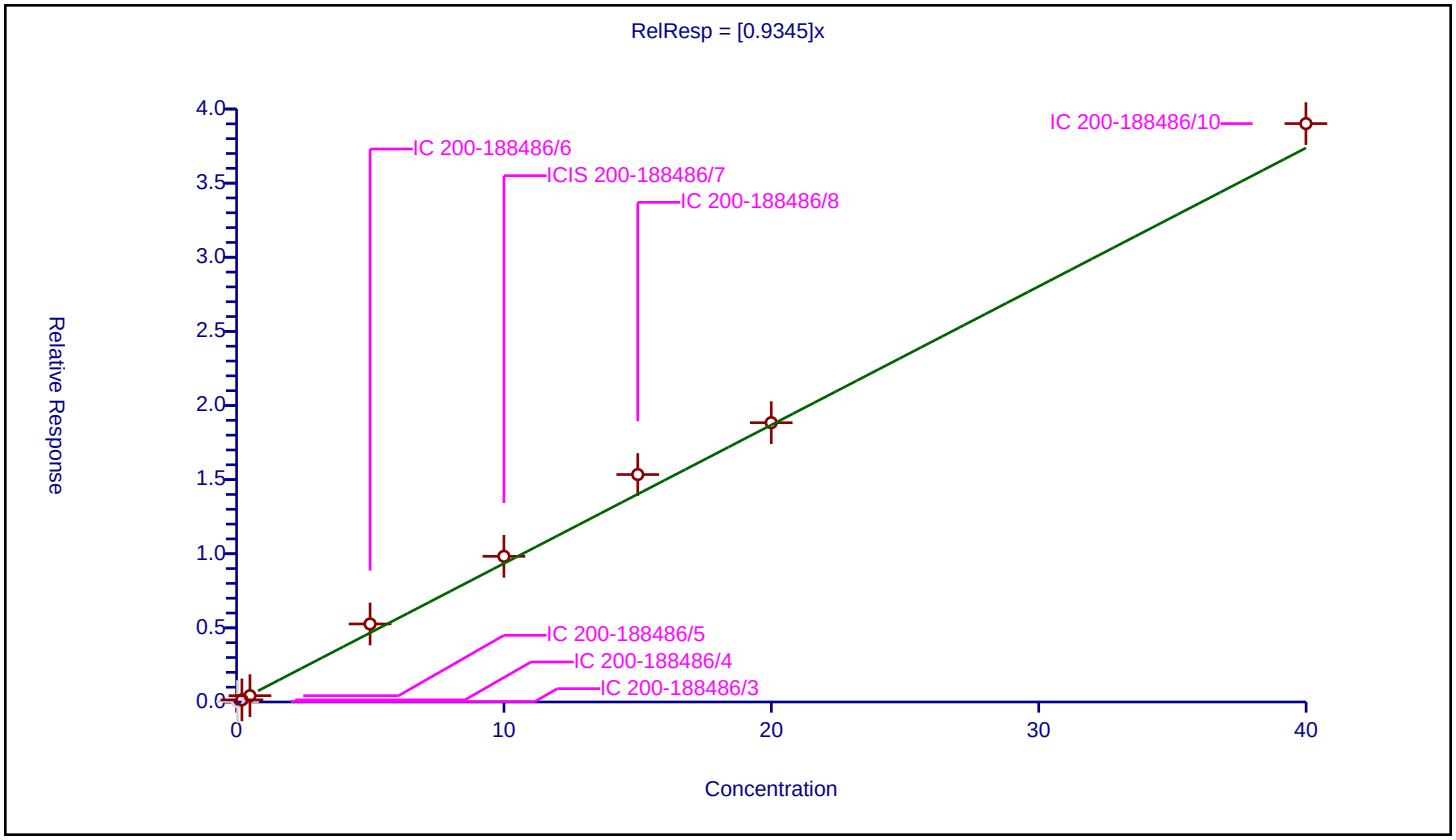
Curve Coefficients

Intercept:	0
Slope:	0.9345

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.031955	10.0	937560.0	0.911006	N
2	IC 200-188486/4	0.20044	0.14305	10.0	932472.0	0.71368	Y
3	IC 200-188486/5	0.500453	0.425337	10.0	1035884.0	0.849905	Y
4	IC 200-188486/6	4.992563	5.264534	10.0	845562.0	1.054475	Y
5	ICIS 200-188486/7	9.99806	9.826807	10.0	1064074.0	0.982871	Y
6	IC 200-188486/8	15.003557	15.343539	10.0	1085002.0	1.02266	Y
7	IC 200-188486/9	19.99612	18.839392	10.0	1138894.0	0.942152	Y
8	IC 200-188486/10	39.99224	39.015417	10.0	1095144.0	0.975575	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

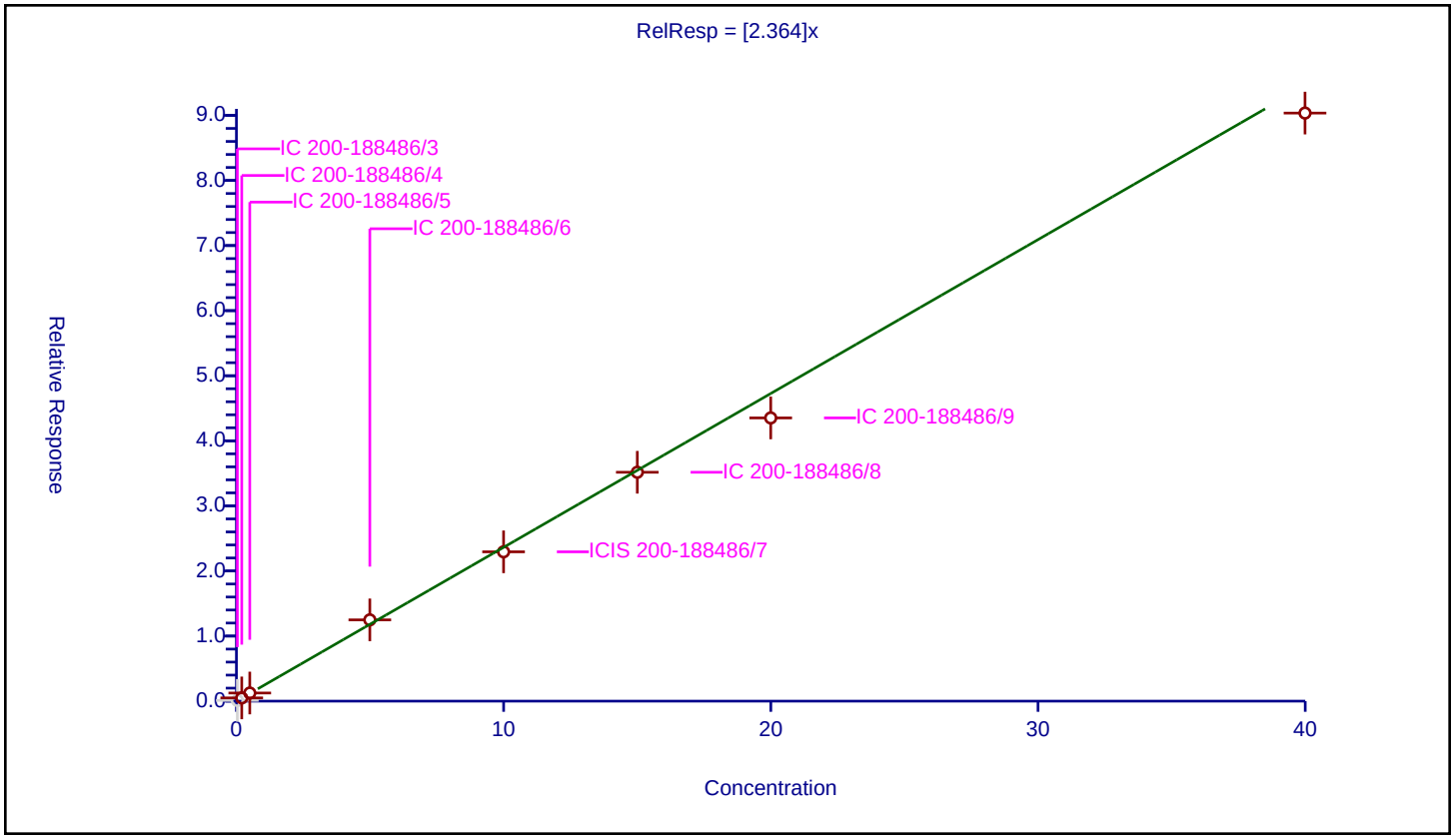
Curve Coefficients

Intercept:	0
Slope:	2.364

Error Coefficients

Standard Error:	4900000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.113209	10.0	937560.0	3.227441	N
2	IC 200-188486/4	0.20044	0.496347	10.0	932472.0	2.476293	Y
3	IC 200-188486/5	0.500453	1.248142	10.0	1035884.0	2.494026	Y
4	IC 200-188486/6	4.992563	12.487754	10.0	845562.0	2.501271	Y
5	ICIS 200-188486/7	9.99806	22.944137	10.0	1064074.0	2.294859	Y
6	IC 200-188486/8	15.003557	35.16964	10.0	1085002.0	2.344087	Y
7	IC 200-188486/9	19.99612	43.515604	10.0	1138894.0	2.176202	Y
8	IC 200-188486/10	39.99224	90.355898	10.0	1095144.0	2.259336	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

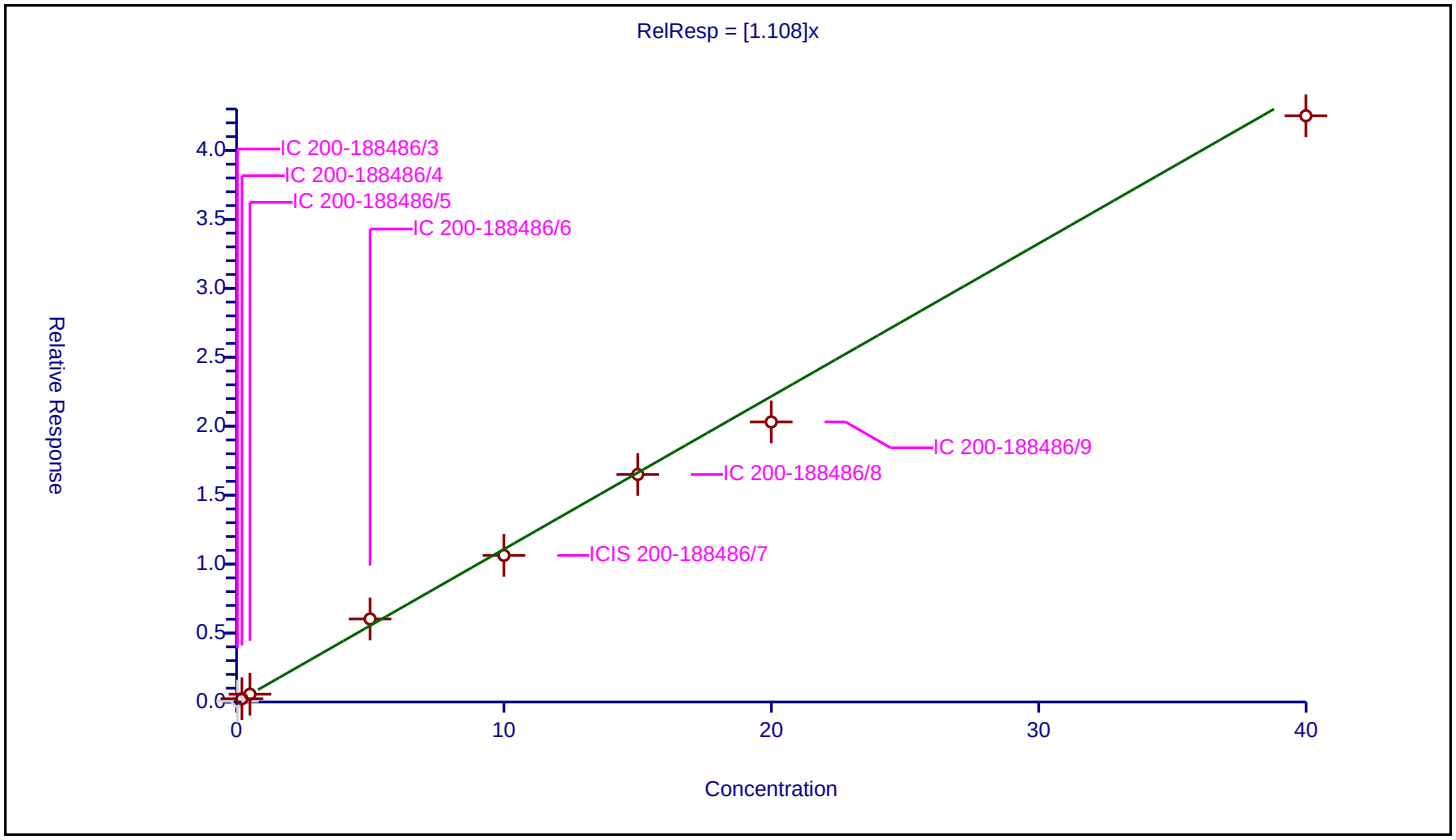
Curve Coefficients

Intercept:	0
Slope:	1.108

Error Coefficients

Standard Error:	2300000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.057991	10.0	937560.0	1.65325	N
2	IC 200-188486/4	0.20044	0.236404	10.0	932472.0	1.179427	Y
3	IC 200-188486/5	0.500453	0.565807	10.0	1035884.0	1.13059	Y
4	IC 200-188486/6	4.992563	6.020611	10.0	845562.0	1.205916	Y
5	ICIS 200-188486/7	9.99806	10.631375	10.0	1064074.0	1.063344	Y
6	IC 200-188486/8	15.003557	16.500246	10.0	1085002.0	1.099756	Y
7	IC 200-188486/9	19.99612	20.307368	10.0	1138894.0	1.015565	Y
8	IC 200-188486/10	39.99224	42.508109	10.0	1095144.0	1.062909	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

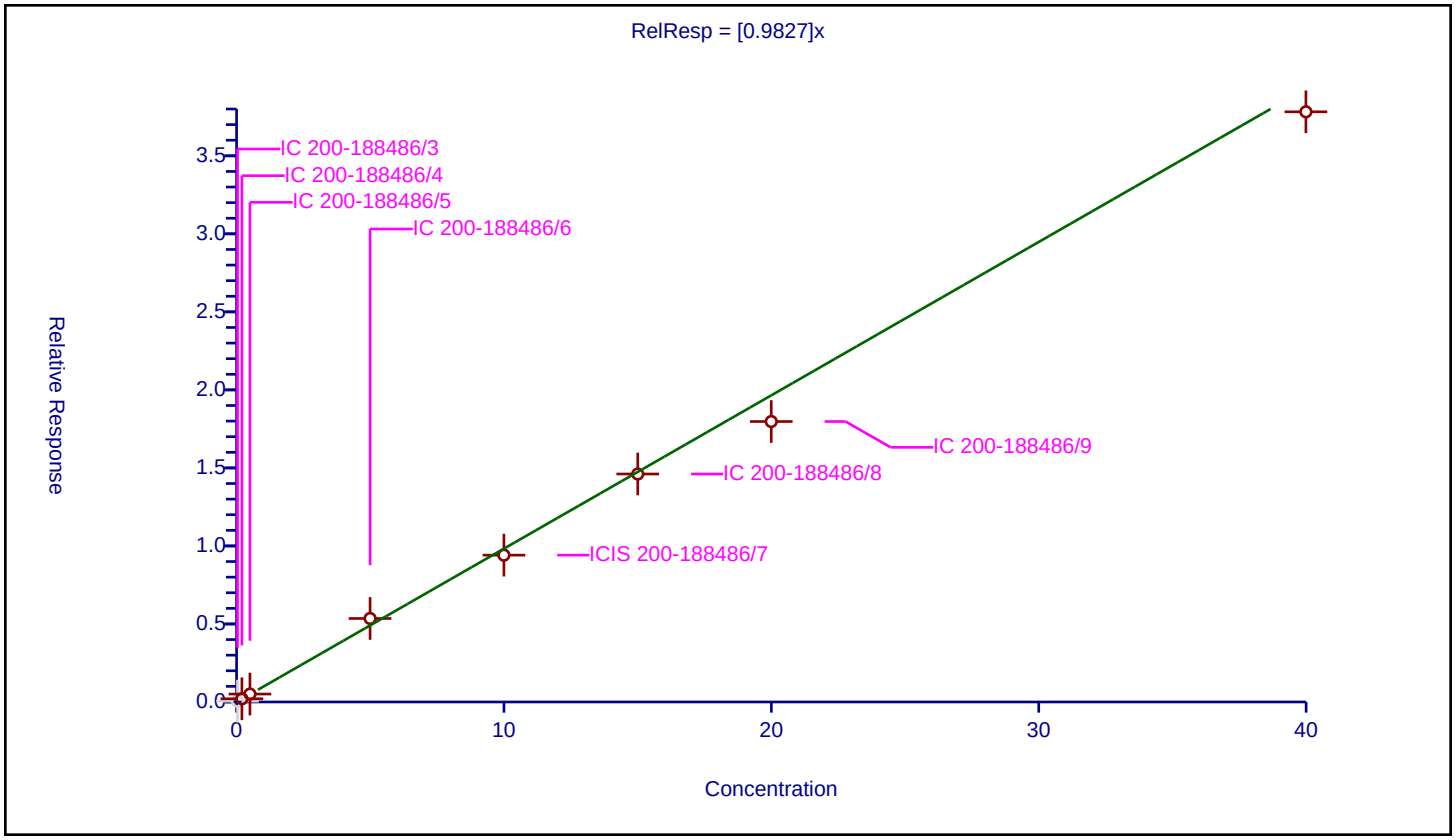
Curve Coefficients

Intercept:	0
Slope:	0.9827

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.053362	10.0	937560.0	1.521282	N
2	IC 200-188486/4	0.20044	0.206612	10.0	932472.0	1.030794	Y
3	IC 200-188486/5	0.500453	0.508783	10.0	1035884.0	1.016645	Y
4	IC 200-188486/6	4.992563	5.351636	10.0	845562.0	1.071922	Y
5	ICIS 200-188486/7	9.99806	9.409317	10.0	1064074.0	0.941114	Y
6	IC 200-188486/8	15.003557	14.609448	10.0	1085002.0	0.973732	Y
7	IC 200-188486/9	19.99612	17.973077	10.0	1138894.0	0.898828	Y
8	IC 200-188486/10	39.99224	37.819931	10.0	1095144.0	0.945682	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

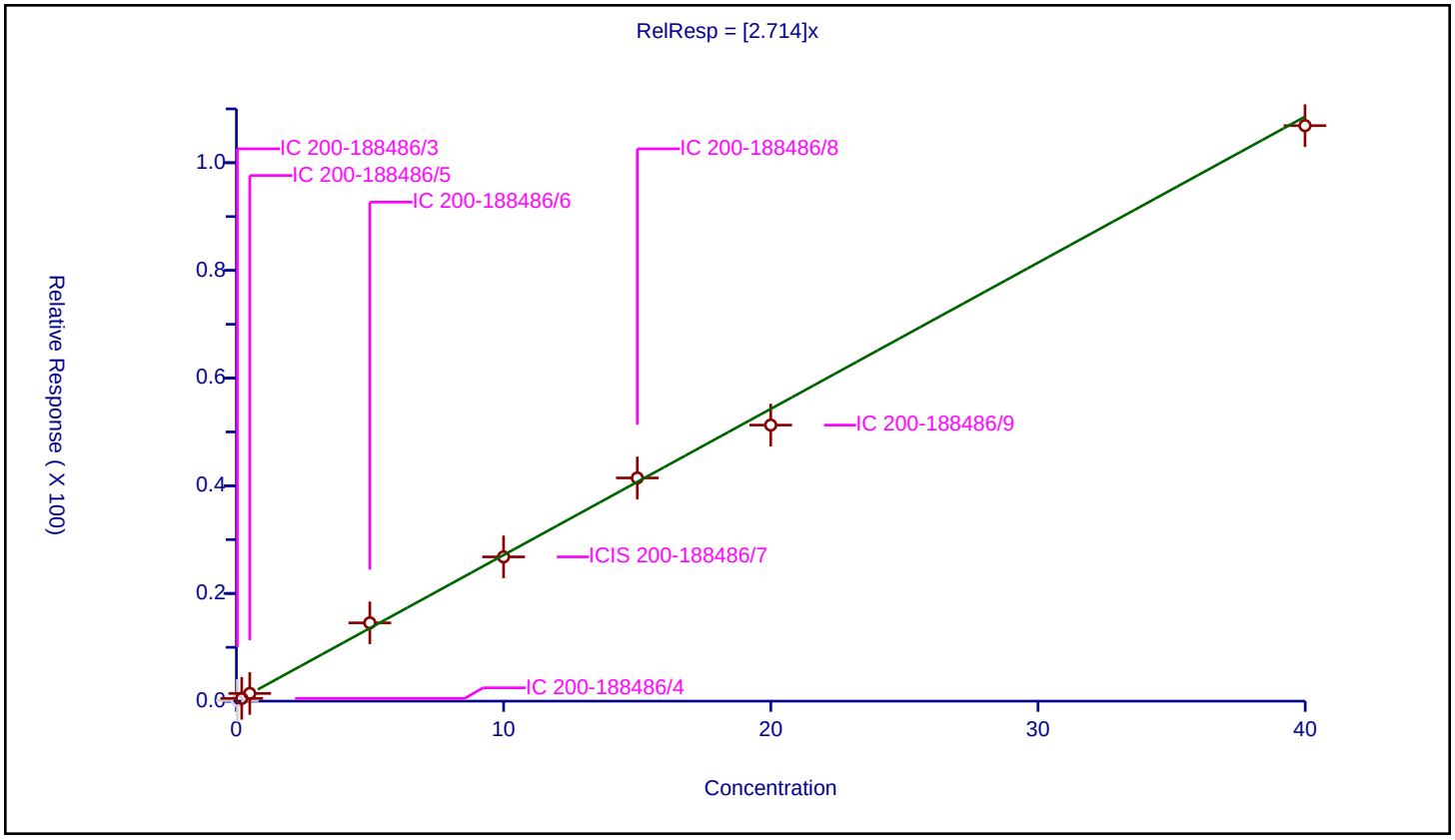
Curve Coefficients

Intercept:	0
Slope:	2.714

Error Coefficients

Standard Error:	5790000
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 200-188486/3	0.035077	0.118478	10.0	937560.0	3.377653	N
2	IC 200-188486/4	0.20044	0.510578	10.0	932472.0	2.547292	Y
3	IC 200-188486/5	0.500453	1.431425	10.0	1035884.0	2.86026	Y
4	IC 200-188486/6	4.992563	14.543156	10.0	845562.0	2.912964	Y
5	ICIS 200-188486/7	9.99806	26.796454	10.0	1064074.0	2.680165	Y
6	IC 200-188486/8	15.003557	41.452744	10.0	1085002.0	2.762861	Y
7	IC 200-188486/9	19.99612	51.272612	10.0	1138894.0	2.564128	Y
8	IC 200-188486/10	39.99224	106.890308	10.0	1095144.0	2.672776	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

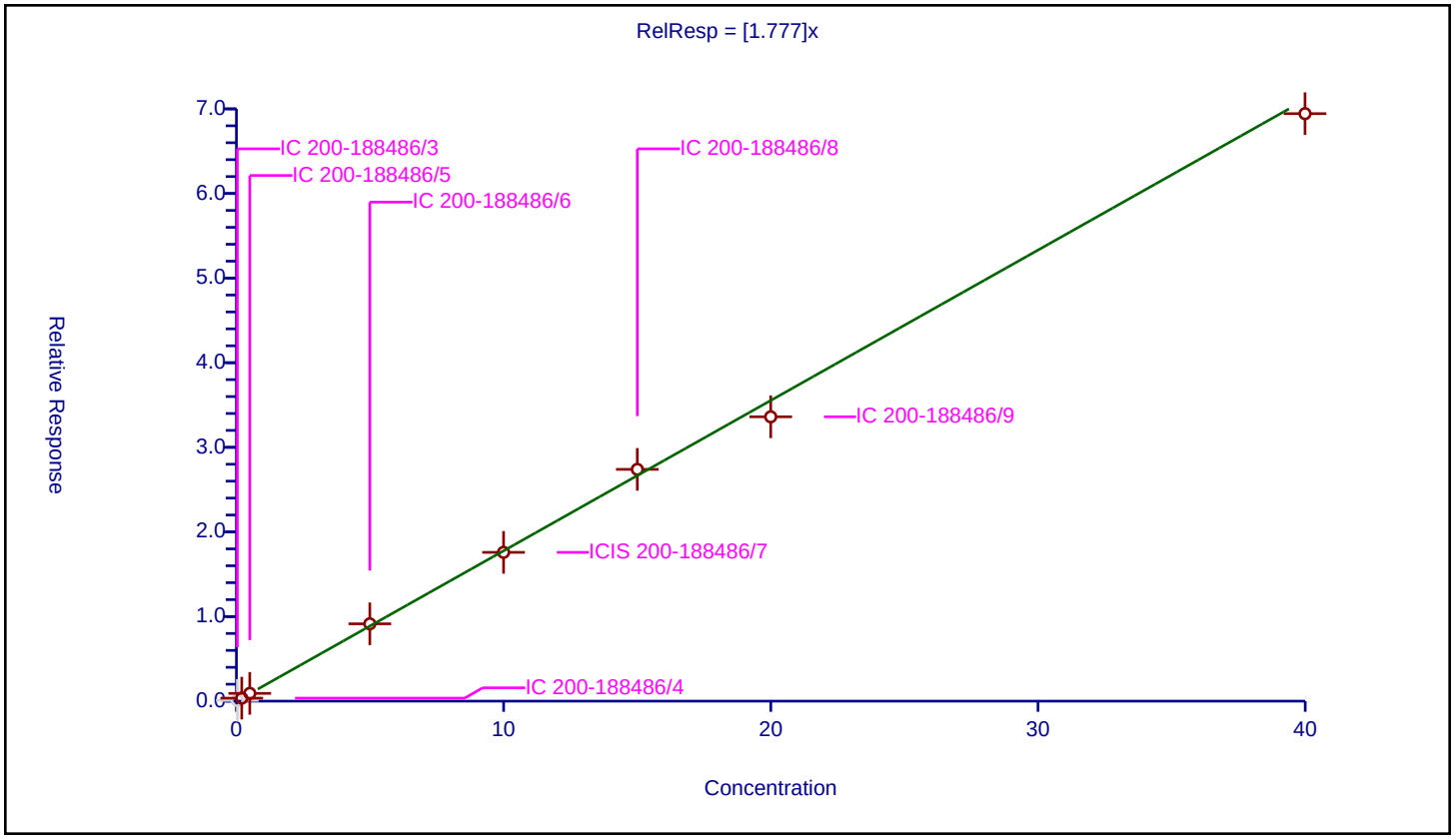
Curve Coefficients

Intercept:	0
Slope:	1.777

Error Coefficients

Standard Error:	3770000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.085968	10.0	937560.0	2.450836	N
2	IC 200-188486/4	0.20044	0.354992	10.0	932472.0	1.771066	Y
3	IC 200-188486/5	0.500453	0.918771	10.0	1035884.0	1.83588	Y
4	IC 200-188486/6	4.992563	9.1403	10.0	845562.0	1.830783	Y
5	ICIS 200-188486/7	9.99806	17.587339	10.0	1064074.0	1.759075	Y
6	IC 200-188486/8	15.003557	27.396097	10.0	1085002.0	1.825973	Y
7	IC 200-188486/9	19.99612	33.60779	10.0	1138894.0	1.680716	Y
8	IC 200-188486/10	39.99224	69.436796	10.0	1095144.0	1.736257	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

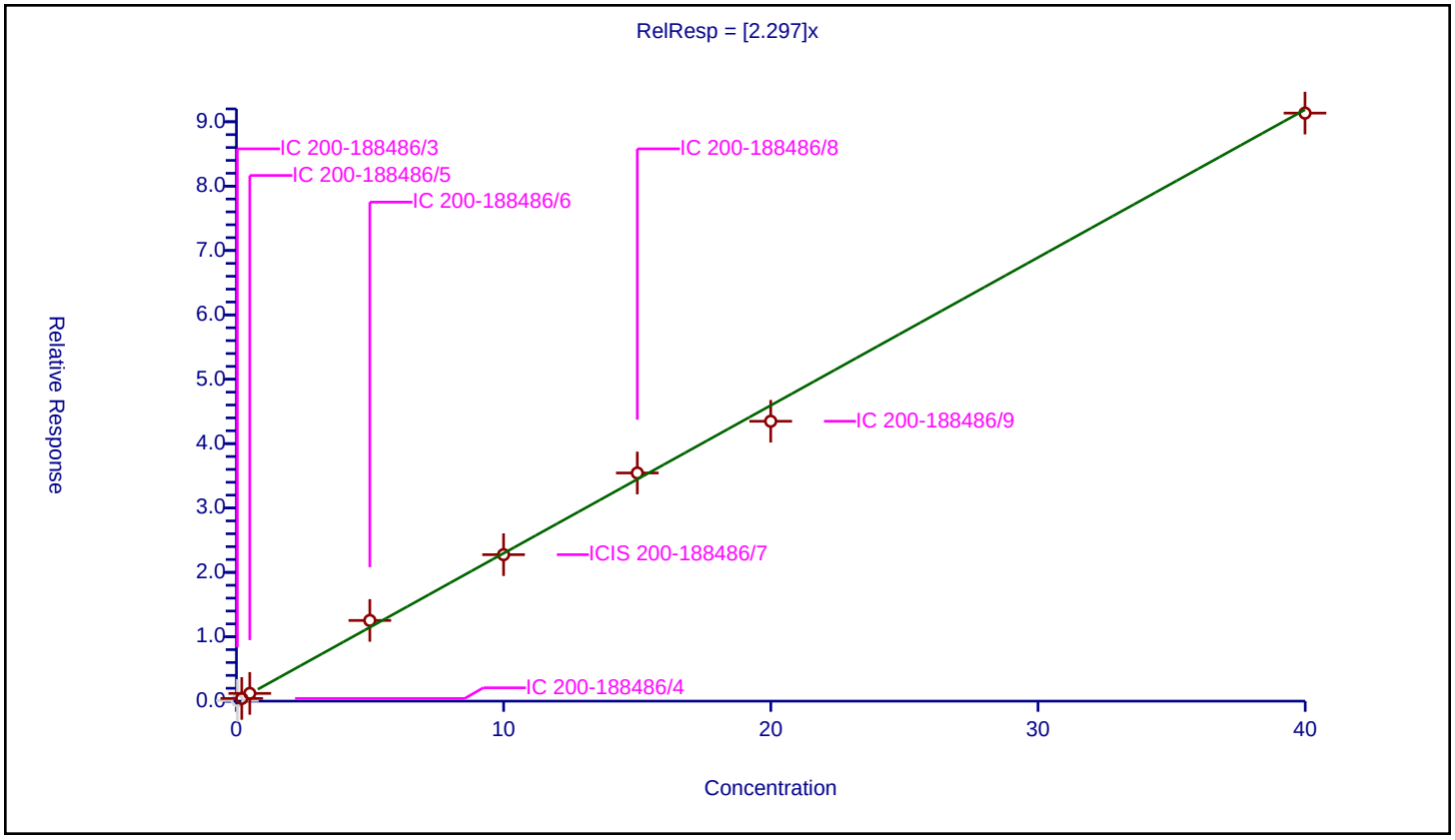
Curve Coefficients

Intercept:	0
Slope:	2.297

Error Coefficients

Standard Error:	4940000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.099076	10.0	937560.0	2.824543	N
2	IC 200-188486/4	0.20044	0.414994	10.0	932472.0	2.070417	Y
3	IC 200-188486/5	0.500453	1.202712	10.0	1035884.0	2.403248	Y
4	IC 200-188486/6	4.992563	12.534551	10.0	845562.0	2.510645	Y
5	ICIS 200-188486/7	9.99806	22.75198	10.0	1064074.0	2.275639	Y
6	IC 200-188486/8	15.003557	35.442137	10.0	1085002.0	2.362249	Y
7	IC 200-188486/9	19.99612	43.477742	10.0	1138894.0	2.174309	Y
8	IC 200-188486/10	39.99224	91.344207	10.0	1095144.0	2.284048	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

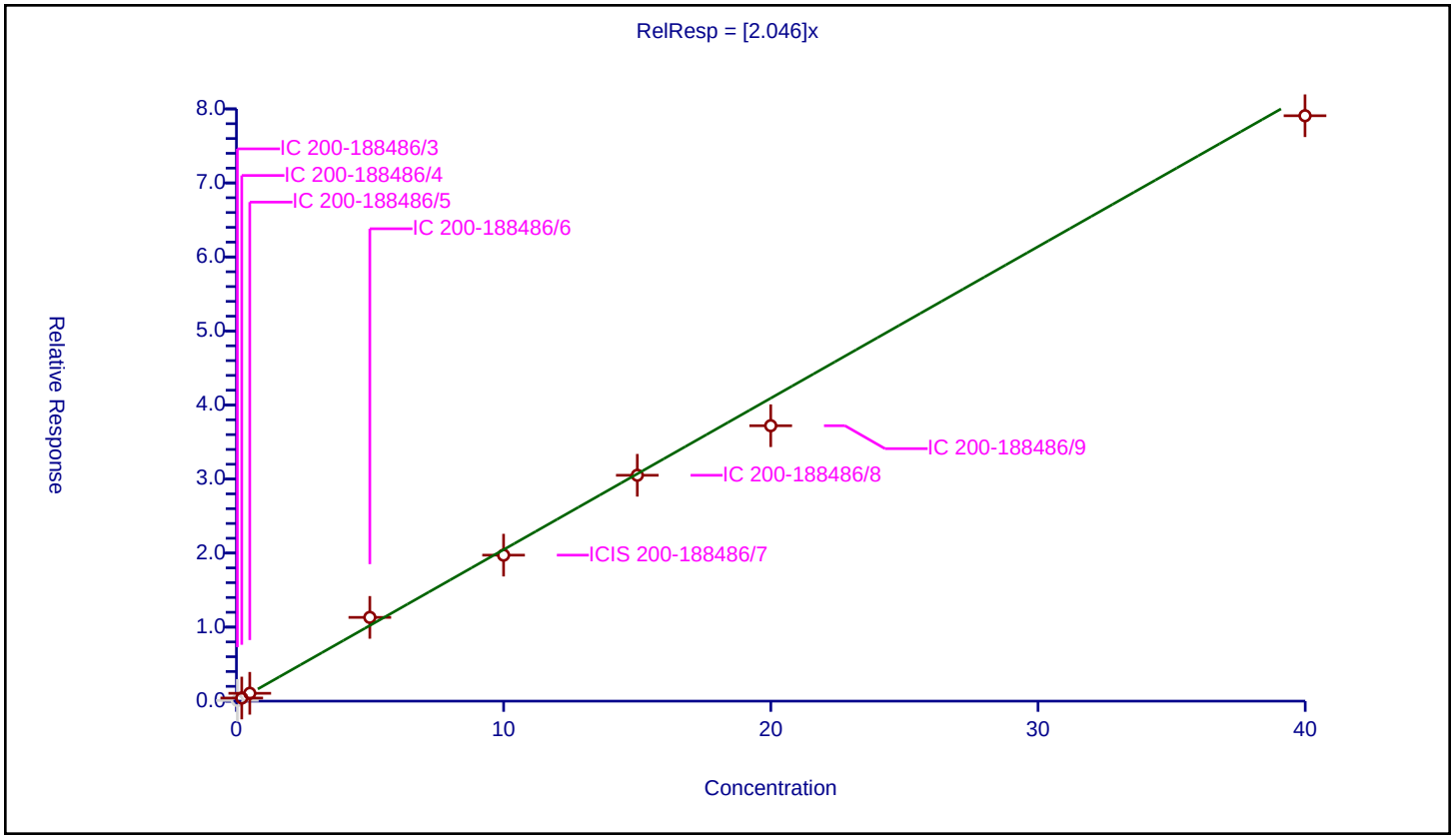
Curve Coefficients

Intercept:	0
Slope:	2.046

Error Coefficients

Standard Error:	4270000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.096794	10.0	937560.0	2.759471	N
2	IC 200-188486/4	0.20044	0.419959	10.0	932472.0	2.095189	Y
3	IC 200-188486/5	0.500453	1.061055	10.0	1035884.0	2.120191	Y
4	IC 200-188486/6	4.992563	11.311128	10.0	845562.0	2.265595	Y
5	ICIS 200-188486/7	9.99806	19.718967	10.0	1064074.0	1.972279	Y
6	IC 200-188486/8	15.003557	30.510432	10.0	1085002.0	2.033547	Y
7	IC 200-188486/9	19.99612	37.204077	10.0	1138894.0	1.860565	Y
8	IC 200-188486/10	39.99224	79.074049	10.0	1095144.0	1.977235	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

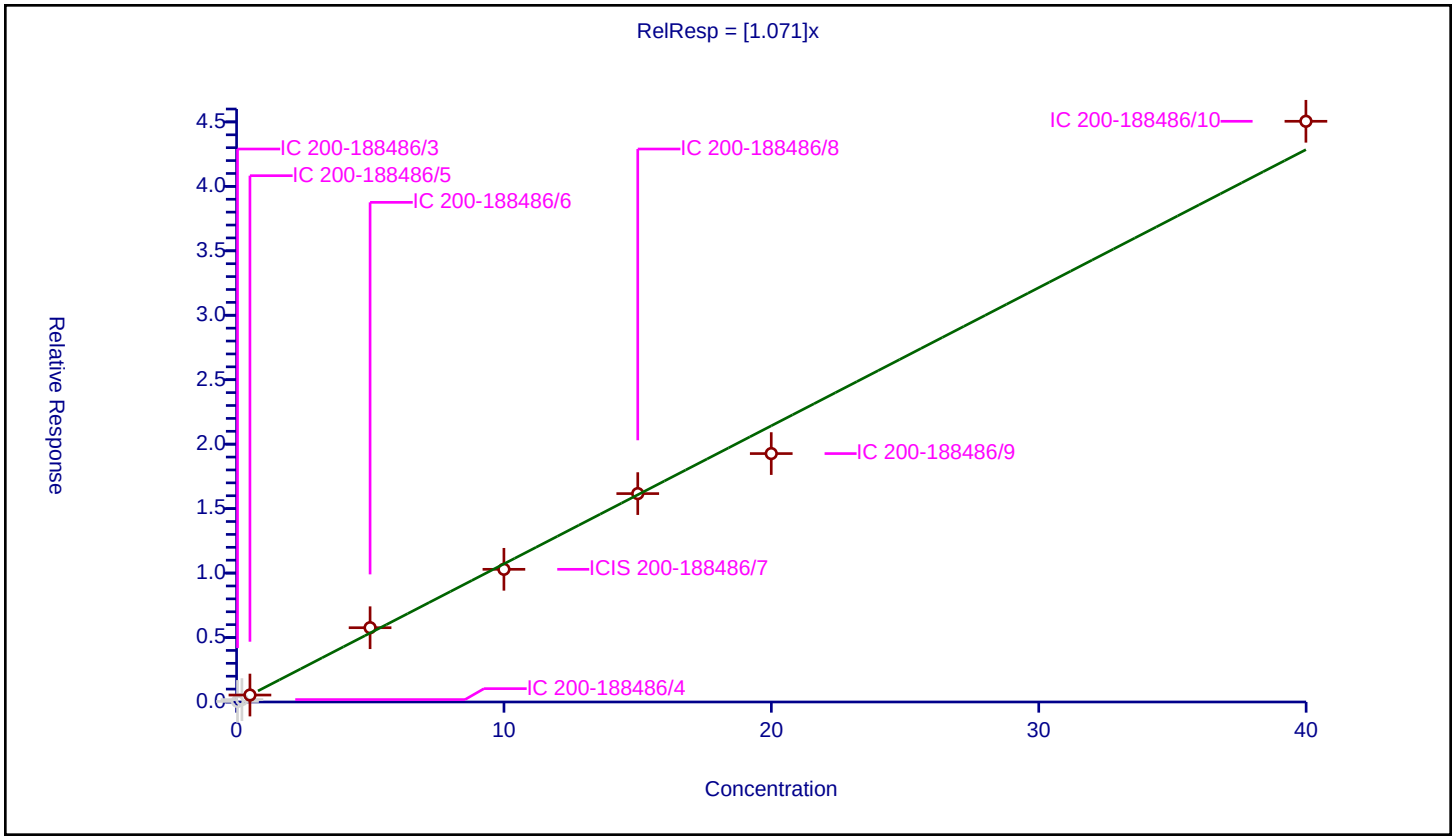
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	6.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.043837	10.0	937560.0	1.249744	N
2	IC 200-188486/4	0.20044	0.187727	10.0	932472.0	0.936575	N
3	IC 200-188486/5	0.500453	0.538931	10.0	1035884.0	1.076887	Y
4	IC 200-188486/6	4.992563	5.762357	10.0	845562.0	1.154188	Y
5	ICIS 200-188486/7	9.99806	10.293645	10.0	1064074.0	1.029564	Y
6	IC 200-188486/8	15.003557	16.16633	10.0	1085002.0	1.0775	Y
7	IC 200-188486/9	19.99612	19.271477	10.0	1138894.0	0.963761	Y
8	IC 200-188486/10	39.99224	45.049099	10.0	1095144.0	1.126446	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

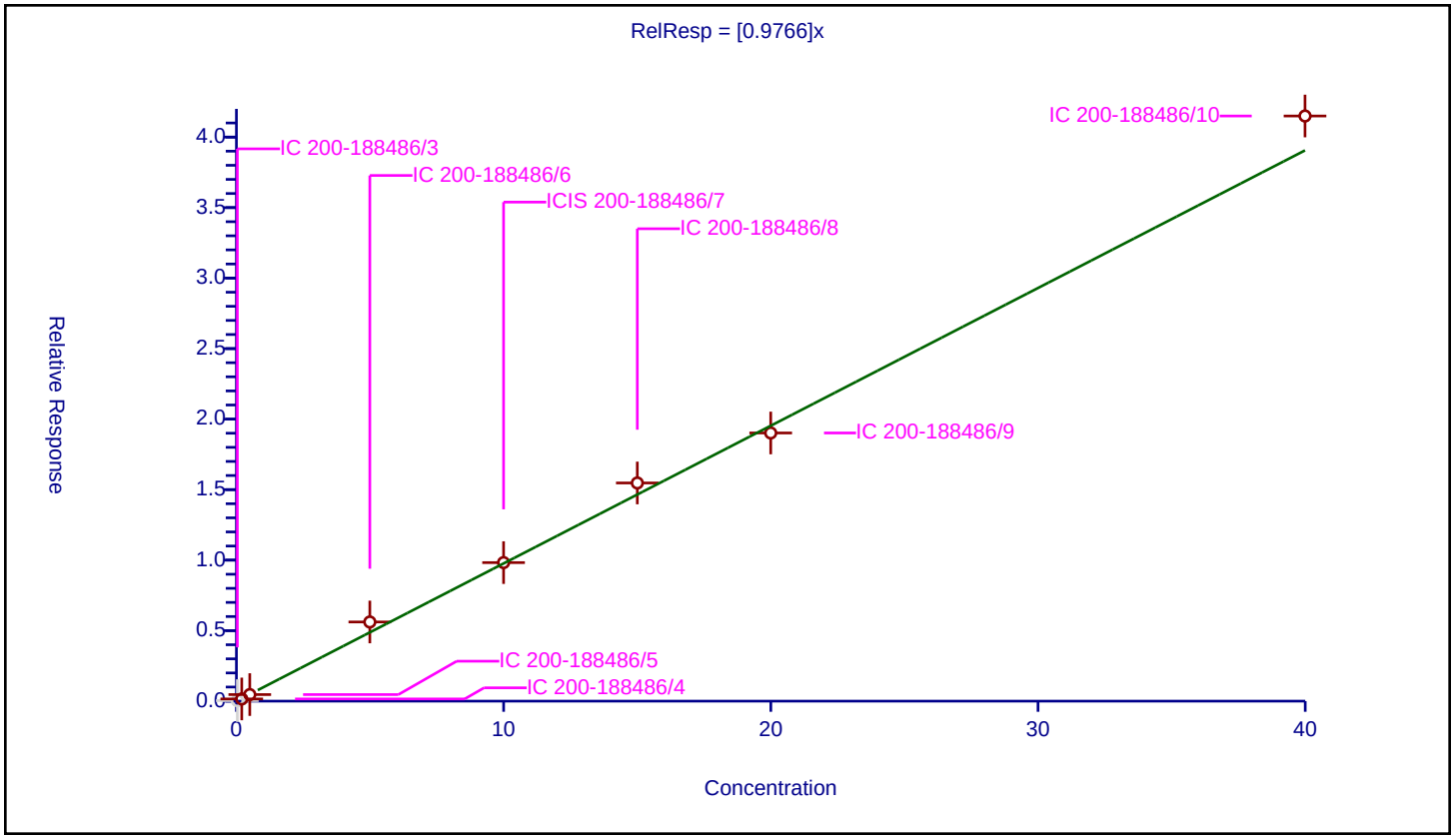
Curve Coefficients

Intercept:	0
Slope:	0.9766

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.035891	10.0	937560.0	1.023209	N
2	IC 200-188486/4	0.20044	0.156509	10.0	932472.0	0.780827	Y
3	IC 200-188486/5	0.500453	0.464695	10.0	1035884.0	0.928549	Y
4	IC 200-188486/6	4.992563	5.613639	10.0	845562.0	1.1244	Y
5	ICIS 200-188486/7	9.99806	9.824674	10.0	1064074.0	0.982658	Y
6	IC 200-188486/8	15.003557	15.471068	10.0	1085002.0	1.03116	Y
7	IC 200-188486/9	19.99612	19.017055	10.0	1138894.0	0.951037	Y
8	IC 200-188486/10	39.99224	41.495822	10.0	1095144.0	1.037597	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

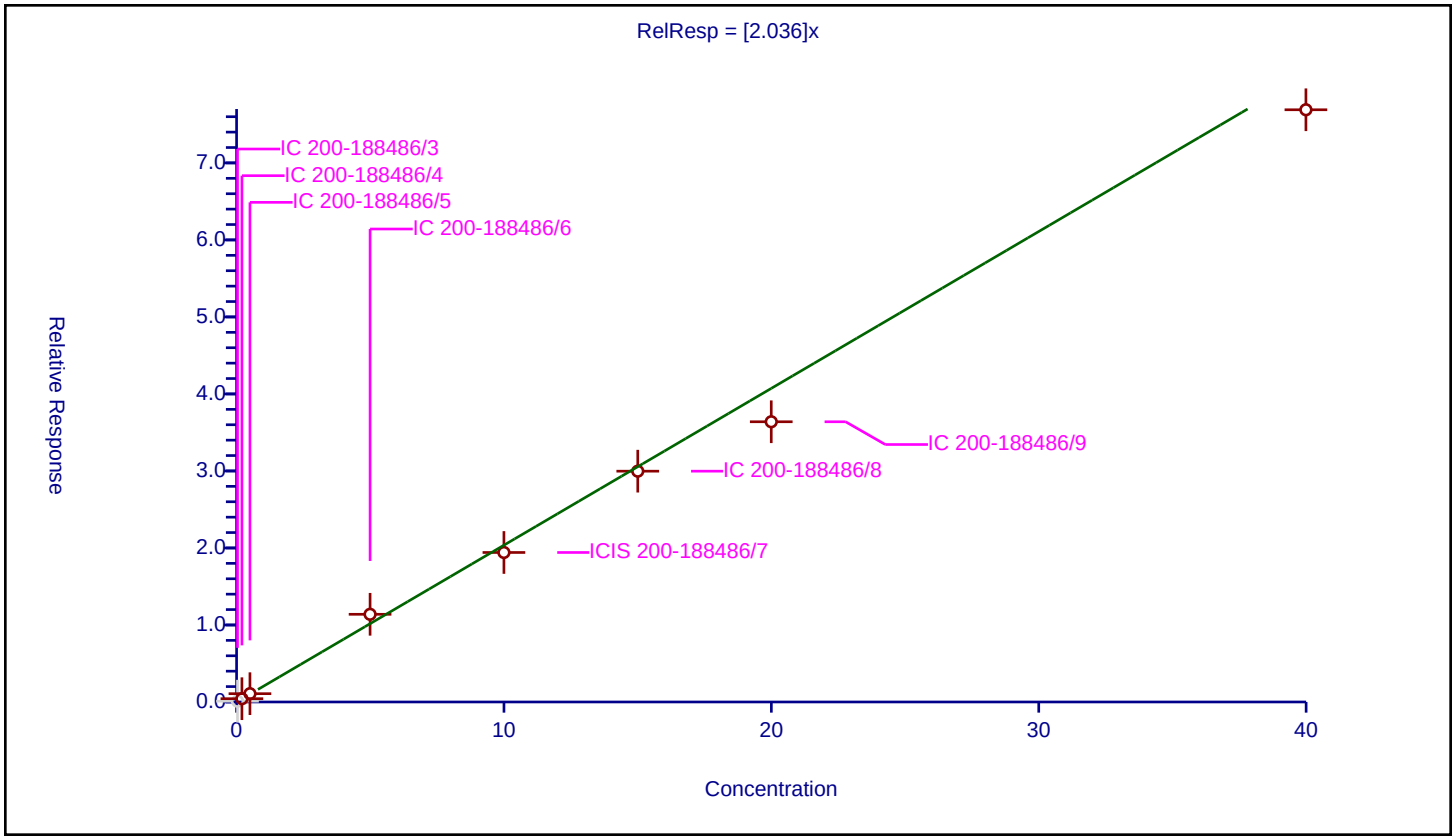
Curve Coefficients

Intercept:	0
Slope:	2.036

Error Coefficients

Standard Error:	4160000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.105561	10.0	937560.0	3.00942	N
2	IC 200-188486/4	0.20044	0.428764	10.0	932472.0	2.139115	Y
3	IC 200-188486/5	0.500453	1.077659	10.0	1035884.0	2.153369	Y
4	IC 200-188486/6	4.992563	11.386096	10.0	845562.0	2.280611	Y
5	ICIS 200-188486/7	9.99806	19.412409	10.0	1064074.0	1.941618	Y
6	IC 200-188486/8	15.003557	29.971115	10.0	1085002.0	1.997601	Y
7	IC 200-188486/9	19.99612	36.389971	10.0	1138894.0	1.819852	Y
8	IC 200-188486/10	39.99224	76.904197	10.0	1095144.0	1.922978	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

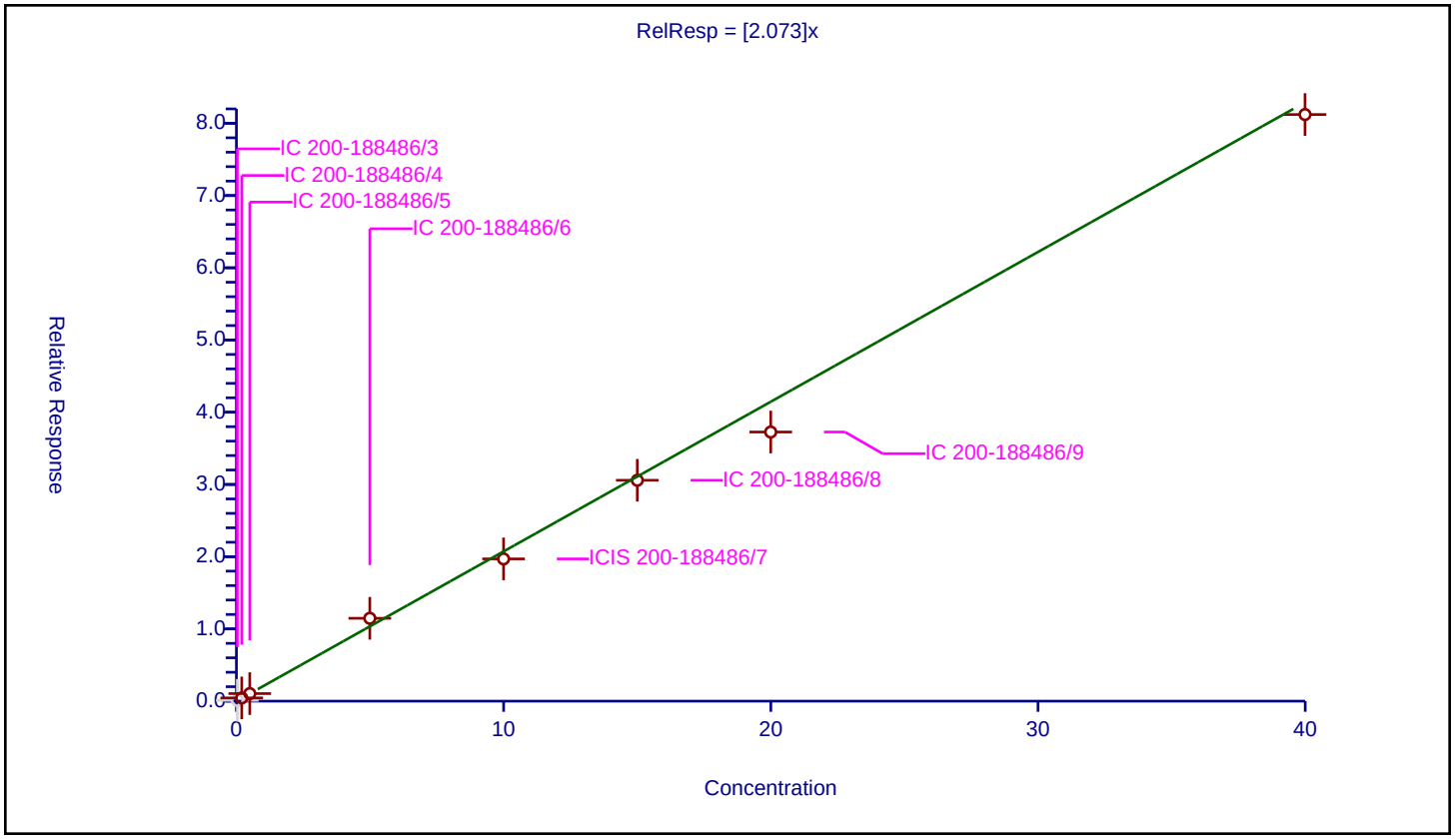
Curve Coefficients

Intercept:	0
Slope:	2.073

Error Coefficients

Standard Error:	4350000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.110724	10.0	937560.0	3.156592	N
2	IC 200-188486/4	0.20044	0.445654	10.0	932472.0	2.223383	Y
3	IC 200-188486/5	0.500453	1.044663	10.0	1035884.0	2.087437	Y
4	IC 200-188486/6	4.992563	11.470892	10.0	845562.0	2.297596	Y
5	ICIS 200-188486/7	9.99806	19.694561	10.0	1064074.0	1.969838	Y
6	IC 200-188486/8	15.003557	30.580985	10.0	1085002.0	2.038249	Y
7	IC 200-188486/9	19.99612	37.261203	10.0	1138894.0	1.863422	Y
8	IC 200-188486/10	39.99224	81.217566	10.0	1095144.0	2.030833	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

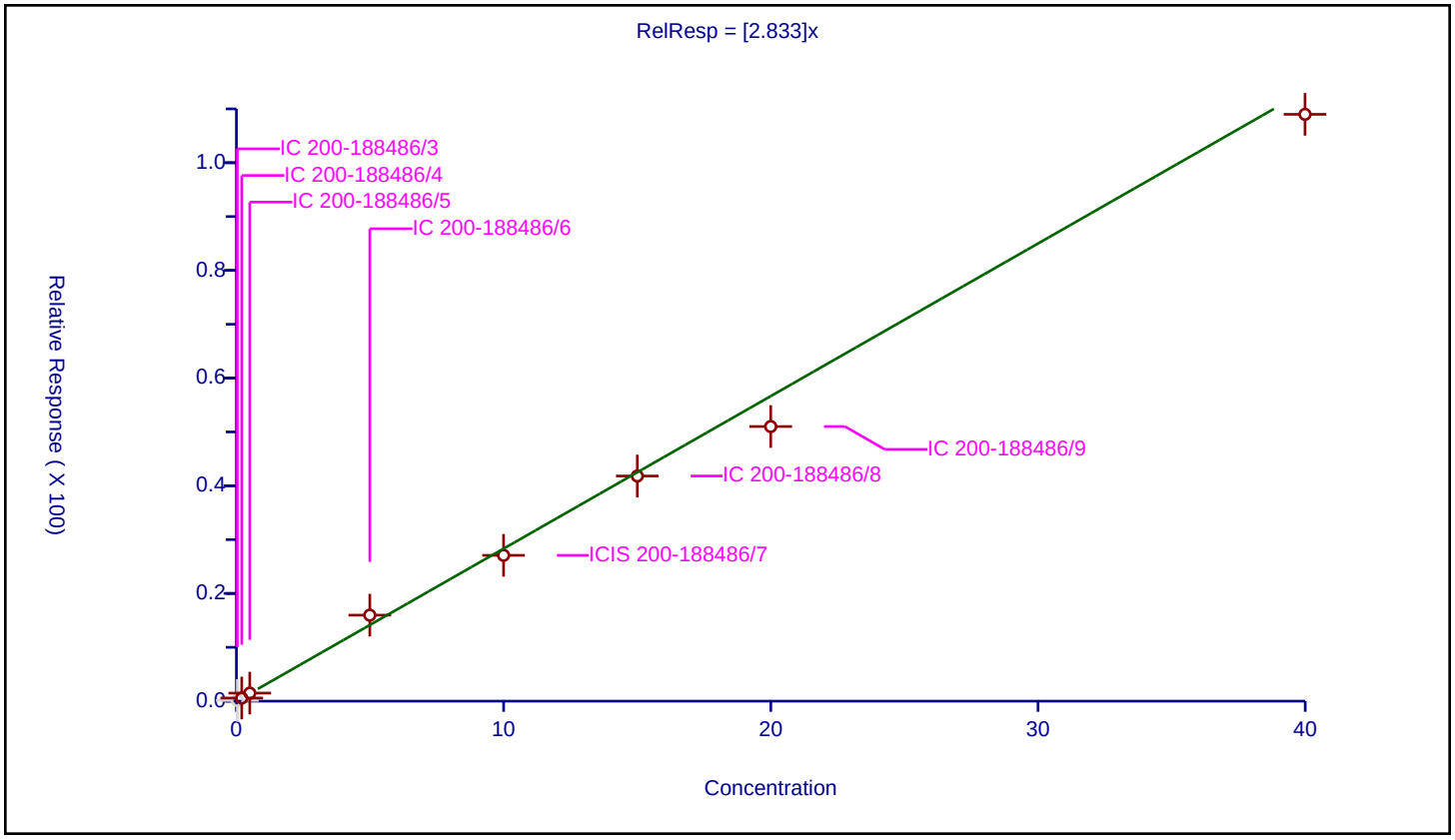
Curve Coefficients

Intercept:	0
Slope:	2.833

Error Coefficients

Standard Error:	5870000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.128685	10.0	937560.0	3.668652	N
2	IC 200-188486/4	0.20044	0.575696	10.0	932472.0	2.872164	Y
3	IC 200-188486/5	0.500453	1.495988	10.0	1035884.0	2.98927	Y
4	IC 200-188486/6	4.992563	15.968894	10.0	845562.0	3.198536	Y
5	ICIS 200-188486/7	9.99806	27.083492	10.0	1064074.0	2.708875	Y
6	IC 200-188486/8	15.003557	41.812992	10.0	1085002.0	2.786872	Y
7	IC 200-188486/9	19.99612	51.003755	10.0	1138894.0	2.550683	Y
8	IC 200-188486/10	39.99224	108.983686	10.0	1095144.0	2.725121	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

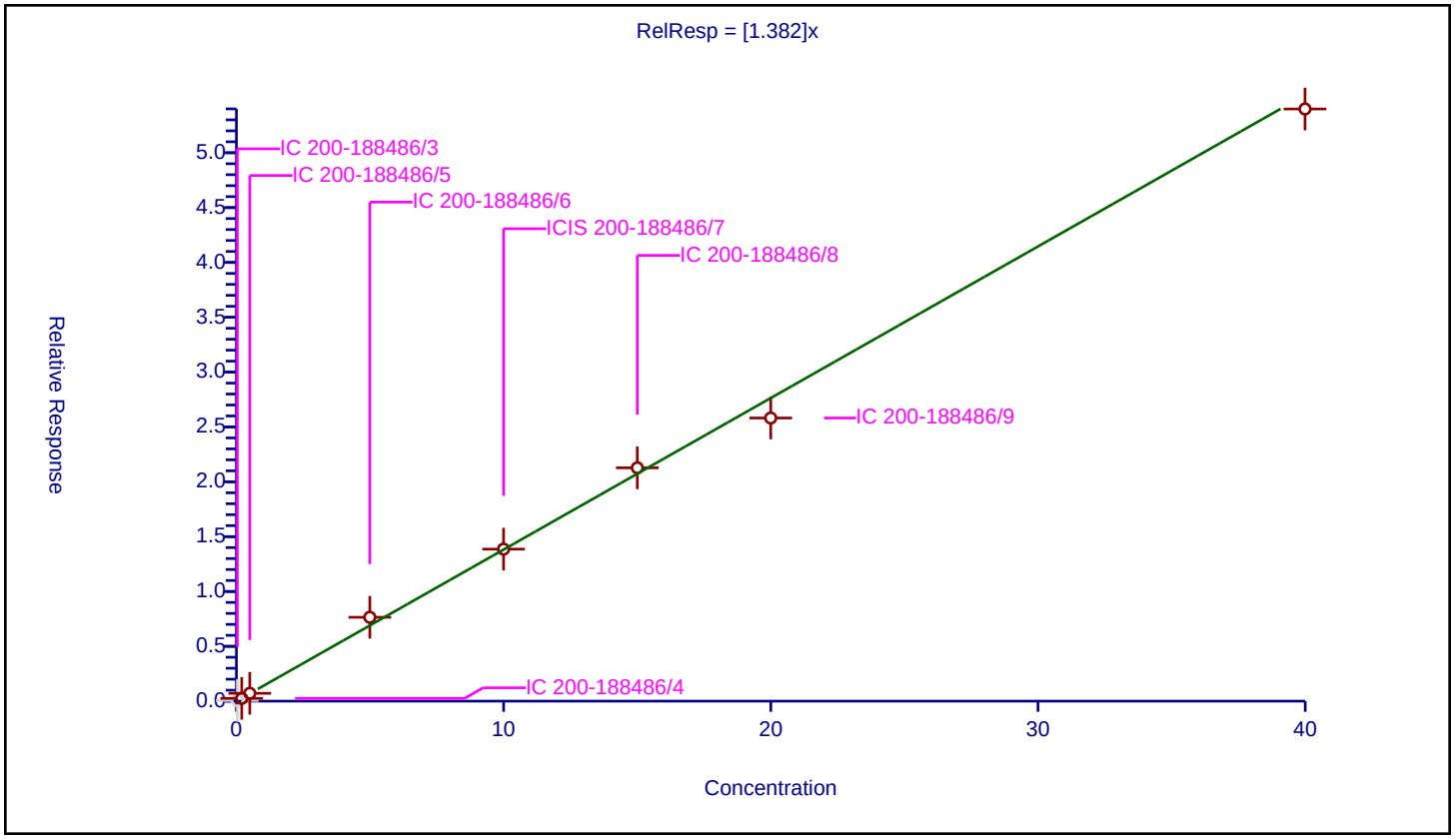
Curve Coefficients

Intercept:	0
Slope:	1.382

Error Coefficients

Standard Error:	2930000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.062321	10.0	937560.0	1.776704	N
2	IC 200-188486/4	0.20044	0.254667	10.0	932472.0	1.270543	Y
3	IC 200-188486/5	0.500453	0.71368	10.0	1035884.0	1.42607	Y
4	IC 200-188486/6	4.992563	7.647021	10.0	845562.0	1.531682	Y
5	ICIS 200-188486/7	9.99806	13.859769	10.0	1064074.0	1.386246	Y
6	IC 200-188486/8	15.003557	21.273952	10.0	1085002.0	1.417927	Y
7	IC 200-188486/9	19.99612	25.816178	10.0	1138894.0	1.291059	Y
8	IC 200-188486/10	39.99224	53.989932	10.0	1095144.0	1.35001	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

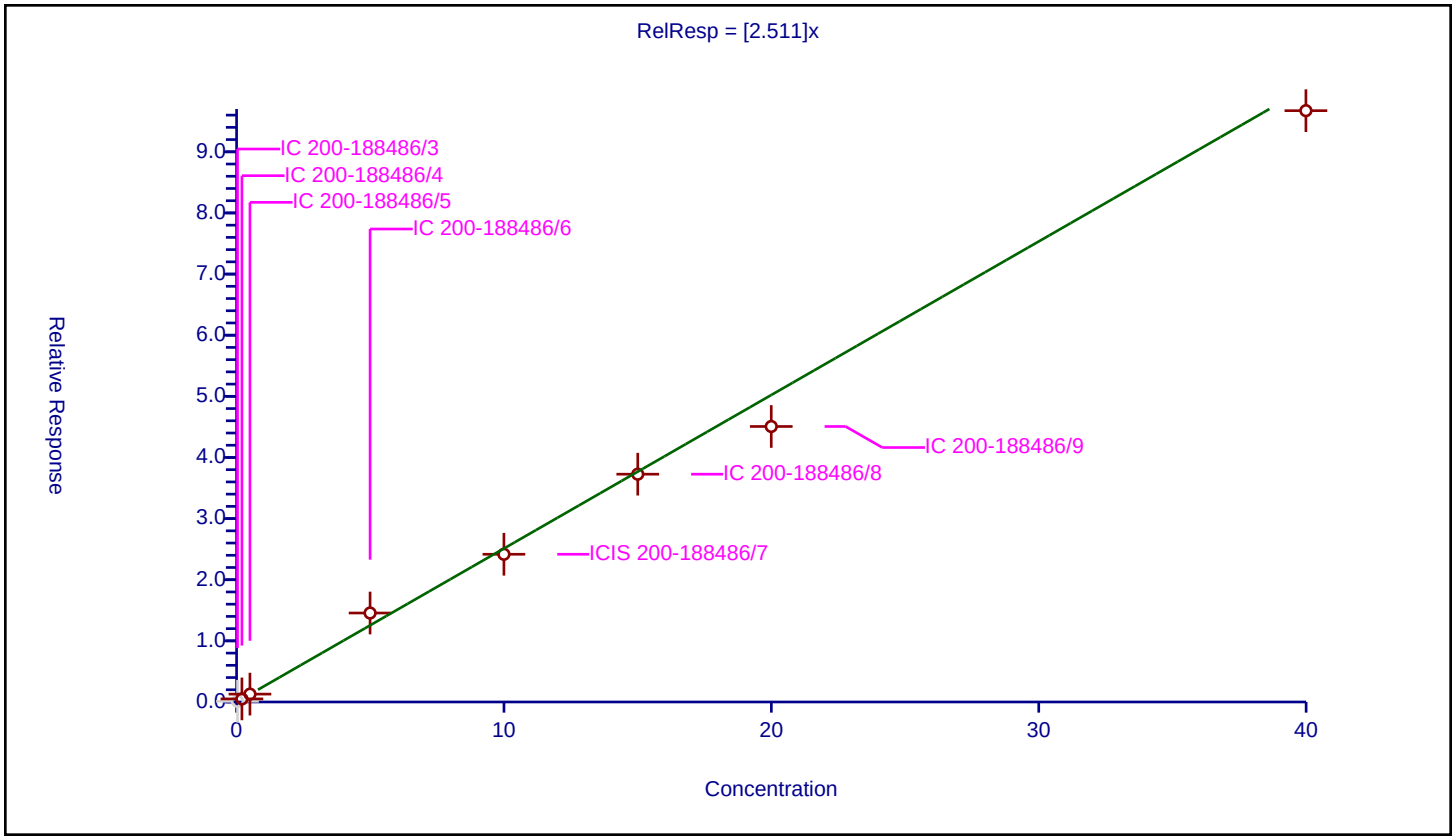
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	5210000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.116579	10.0	937560.0	3.323528	N
2	IC 200-188486/4	0.20044	0.504262	10.0	932472.0	2.515778	Y
3	IC 200-188486/5	0.500453	1.288407	10.0	1035884.0	2.574483	Y
4	IC 200-188486/6	4.992563	14.552688	10.0	845562.0	2.914873	Y
5	ICIS 200-188486/7	9.99806	24.164973	10.0	1064074.0	2.416966	Y
6	IC 200-188486/8	15.003557	37.262659	10.0	1085002.0	2.483588	Y
7	IC 200-188486/9	19.99612	45.069251	10.0	1138894.0	2.2539	Y
8	IC 200-188486/10	39.99224	96.729234	10.0	1095144.0	2.4187	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

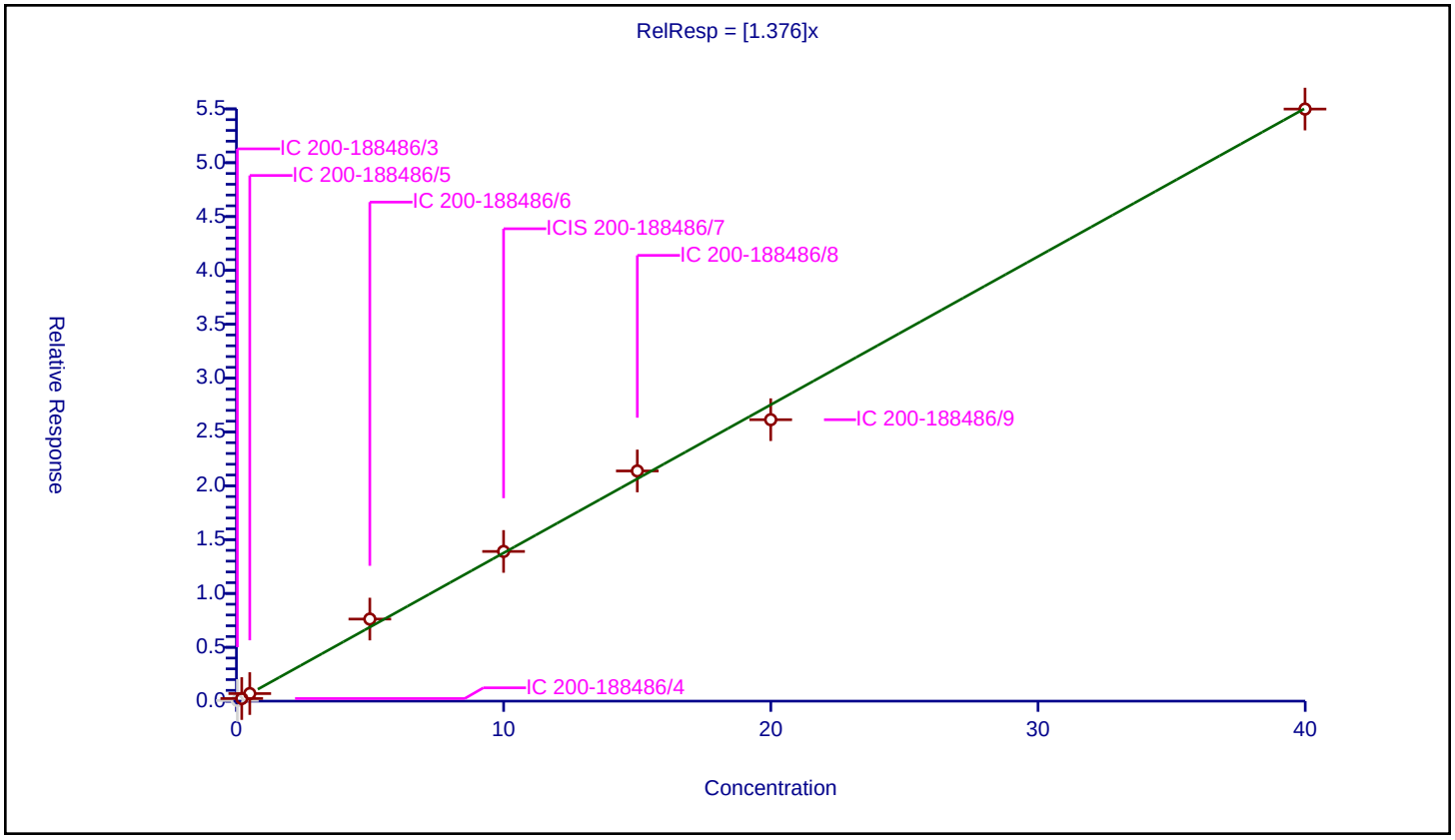
Curve Coefficients

Intercept:	0
Slope:	1.376

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.059634	10.0	937560.0	1.700077	N
2	IC 200-188486/4	0.20044	0.241423	10.0	932472.0	1.204466	Y
3	IC 200-188486/5	0.500453	0.703978	10.0	1035884.0	1.406684	Y
4	IC 200-188486/6	4.992563	7.620588	10.0	845562.0	1.526388	Y
5	ICIS 200-188486/7	9.99806	13.902886	10.0	1064074.0	1.390558	Y
6	IC 200-188486/8	15.003557	21.376726	10.0	1085002.0	1.424777	Y
7	IC 200-188486/9	19.99612	26.136743	10.0	1138894.0	1.307091	Y
8	IC 200-188486/10	39.99224	54.985472	10.0	1095144.0	1.374904	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

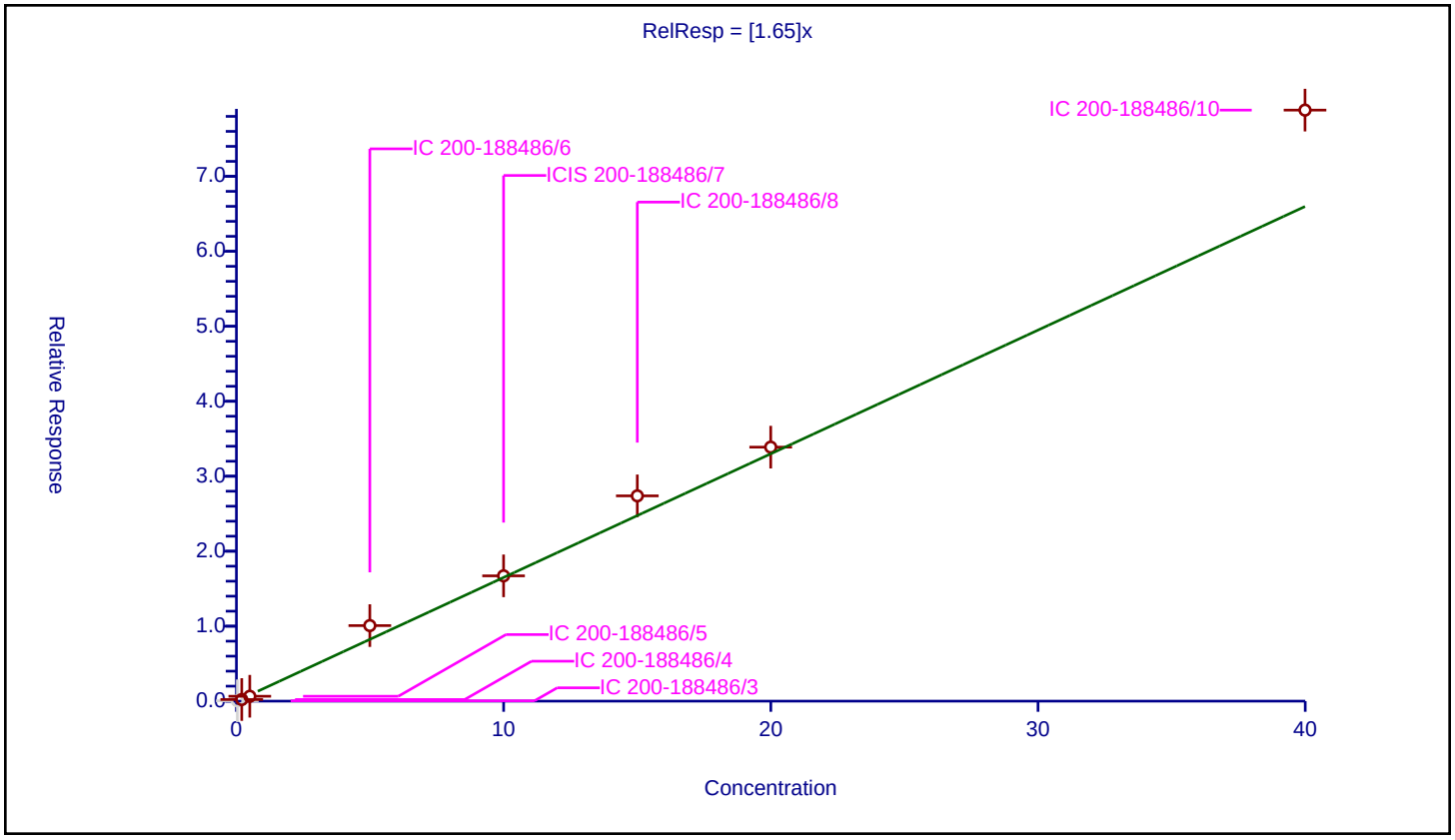
Curve Coefficients

Intercept:	0
Slope:	1.65

Error Coefficients

Standard Error:	4130000
Relative Standard Error:	21.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.047378	10.0	937560.0	1.350696	N
2	IC 200-188486/4	0.20044	0.213561	10.0	932472.0	1.065465	Y
3	IC 200-188486/5	0.500453	0.651473	10.0	1035884.0	1.301767	Y
4	IC 200-188486/6	4.992563	10.07893	10.0	845562.0	2.018789	Y
5	ICIS 200-188486/7	9.99806	16.714806	10.0	1064074.0	1.671805	Y
6	IC 200-188486/8	15.003557	27.383397	10.0	1085002.0	1.825127	Y
7	IC 200-188486/9	19.99612	33.881424	10.0	1138894.0	1.6944	Y
8	IC 200-188486/10	39.99224	78.835998	10.0	1095144.0	1.971282	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

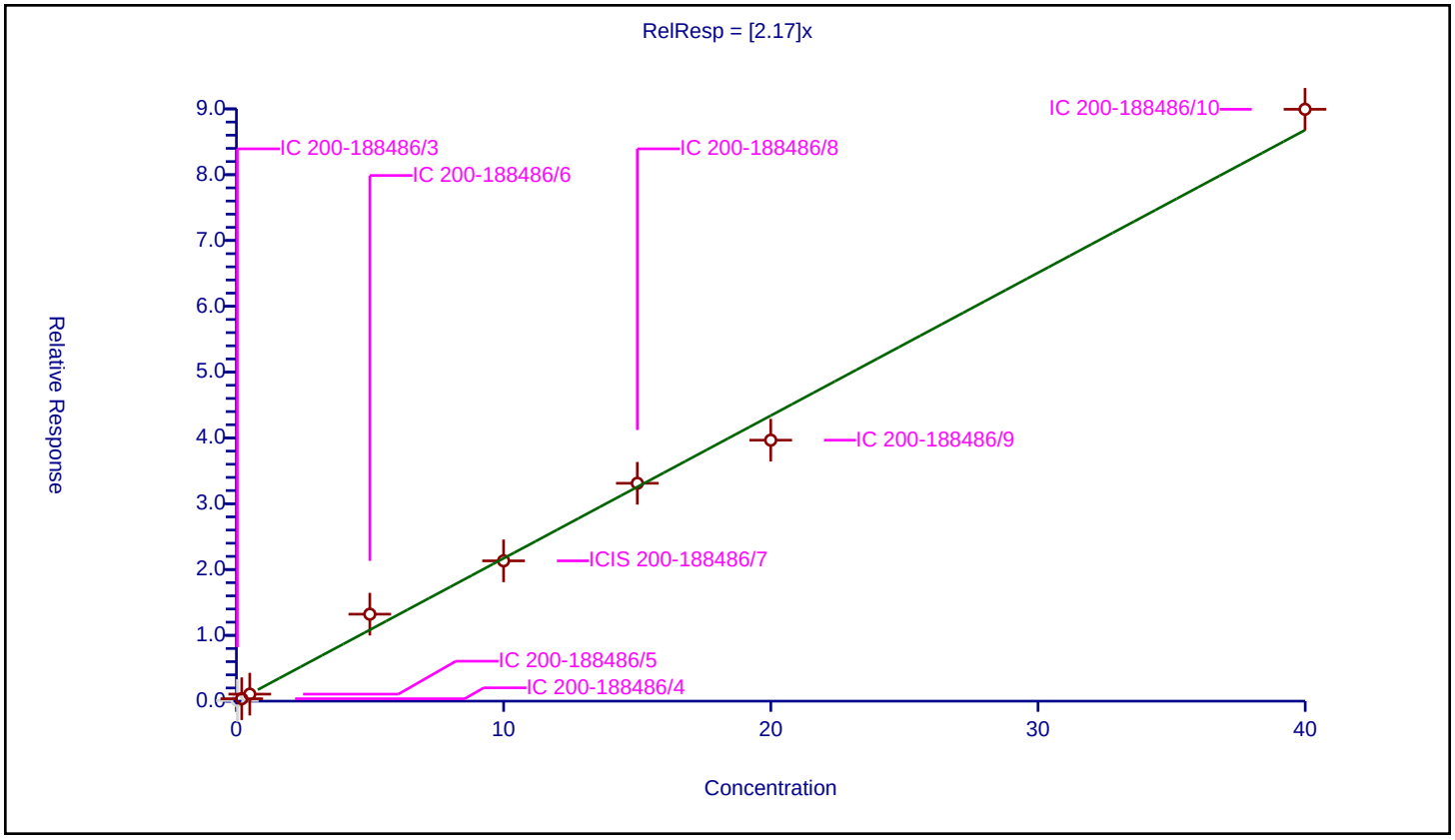
Curve Coefficients

Intercept:	0
Slope:	2.17

Error Coefficients

Standard Error:	4770000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.090309	10.0	937560.0	2.574594	N
2	IC 200-188486/4	0.20044	0.367604	10.0	932472.0	1.833986	Y
3	IC 200-188486/5	0.500453	1.068498	10.0	1035884.0	2.135063	Y
4	IC 200-188486/6	4.992563	13.218711	10.0	845562.0	2.64768	Y
5	ICIS 200-188486/7	9.99806	21.320218	10.0	1064074.0	2.132436	Y
6	IC 200-188486/8	15.003557	33.10969	10.0	1085002.0	2.206789	Y
7	IC 200-188486/9	19.99612	39.660074	10.0	1138894.0	1.983388	Y
8	IC 200-188486/10	39.99224	89.939551	10.0	1095144.0	2.248925	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

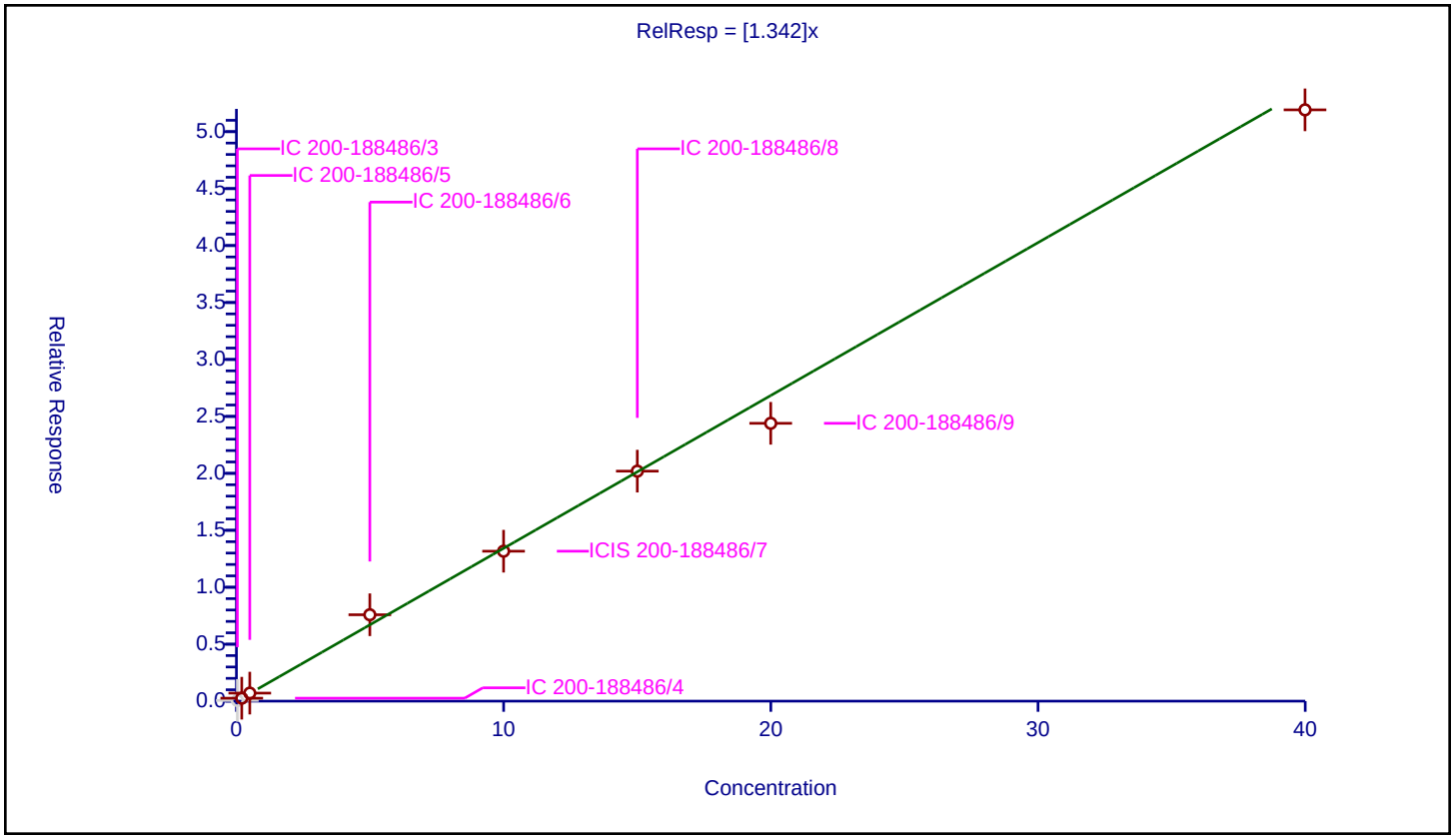
Curve Coefficients

Intercept:	0
Slope:	1.342

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.061468	10.0	937560.0	1.752378	N
2	IC 200-188486/4	0.20044	0.257434	10.0	932472.0	1.284347	Y
3	IC 200-188486/5	0.500453	0.705359	10.0	1035884.0	1.409442	Y
4	IC 200-188486/6	4.992563	7.584411	10.0	845562.0	1.519142	Y
5	ICIS 200-188486/7	9.99806	13.164075	10.0	1064074.0	1.316663	Y
6	IC 200-188486/8	15.003557	20.19506	10.0	1085002.0	1.346018	Y
7	IC 200-188486/9	19.99612	24.393894	10.0	1138894.0	1.219931	Y
8	IC 200-188486/10	39.99224	51.915008	10.0	1095144.0	1.298127	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

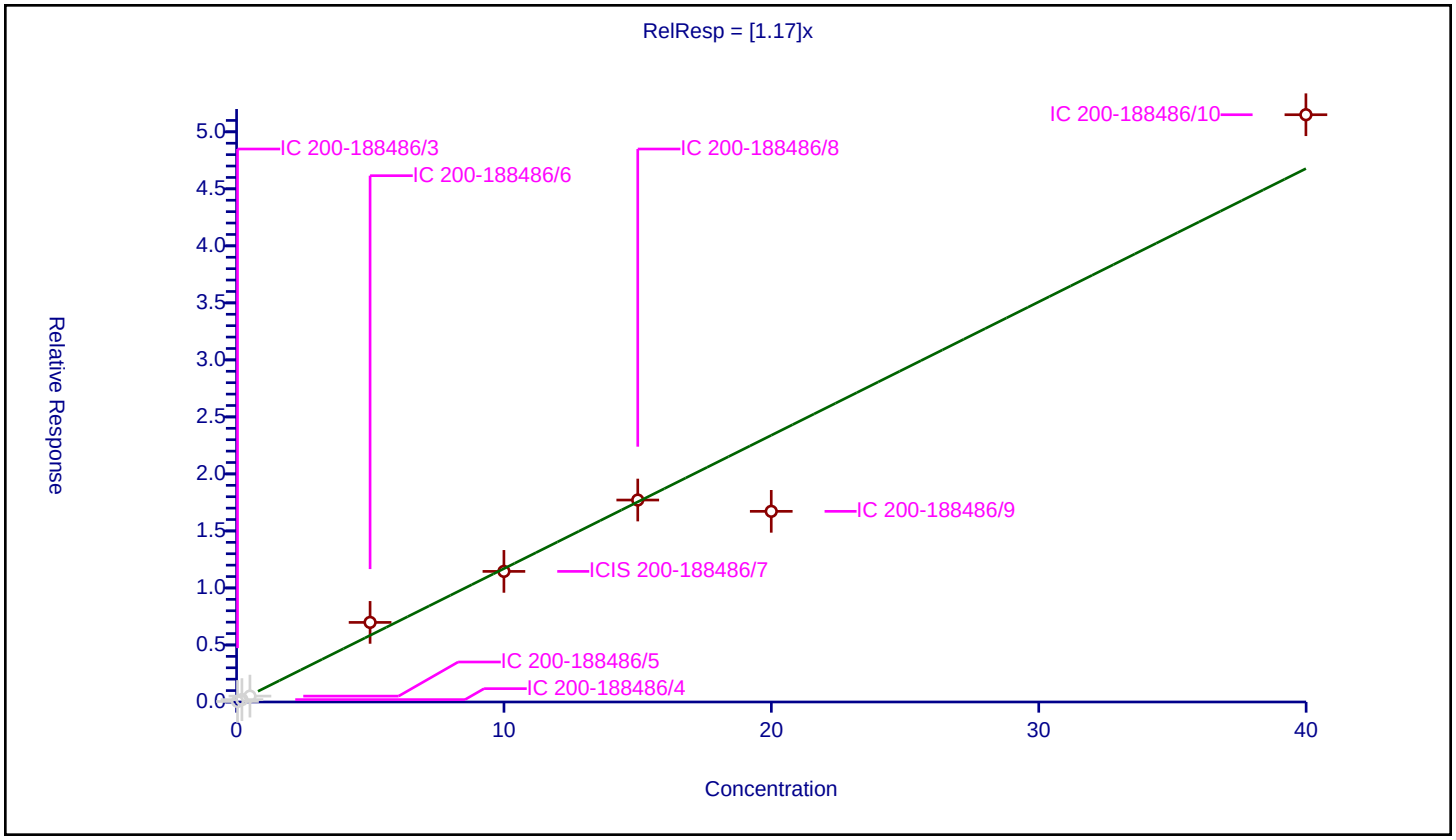
Curve Coefficients

Intercept:	0
Slope:	1.17

Error Coefficients

Standard Error:	3200000
Relative Standard Error:	18.0
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.902

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.046333	10.0	937560.0	1.320897	N
2	IC 200-188486/4	0.20044	0.209315	10.0	932472.0	1.044277	N
3	IC 200-188486/5	0.500453	0.515473	10.0	1035884.0	1.030013	N
4	IC 200-188486/6	4.992563	6.979453	10.0	845562.0	1.39797	Y
5	ICIS 200-188486/7	9.99806	11.453292	10.0	1064074.0	1.145551	Y
6	IC 200-188486/8	15.003557	17.711599	10.0	1085002.0	1.180493	Y
7	IC 200-188486/9	19.99612	16.718386	10.0	1138894.0	0.836082	Y
8	IC 200-188486/10	39.99224	51.498588	10.0	1095144.0	1.287715	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

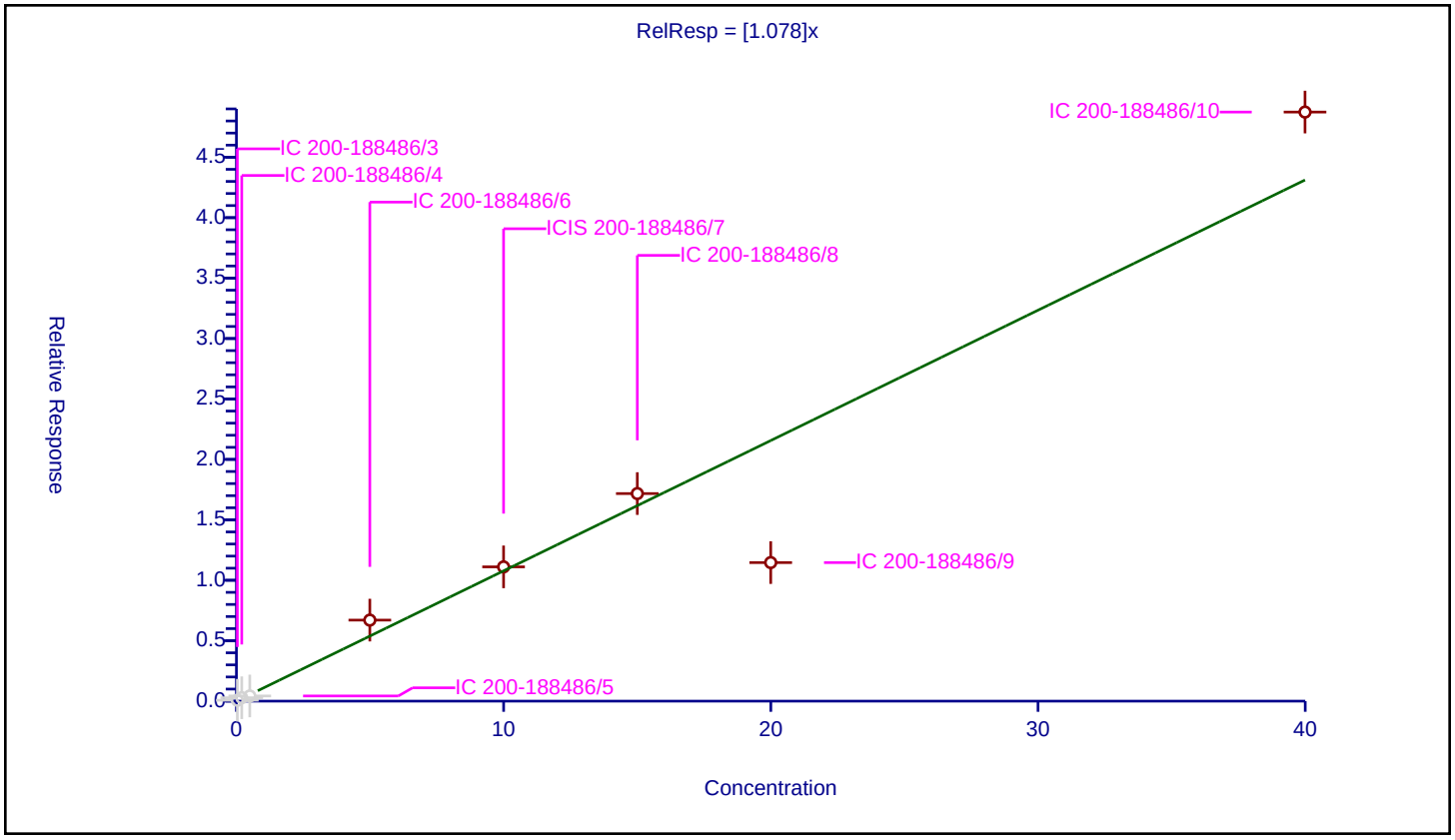
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Standard Error:	2970000
Relative Standard Error:	27.4
Correlation Coefficient:	0.910
Coefficient of Determination (Adjusted):	0.775

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.074609	10.0	937560.0	2.126997	N
2	IC 200-188486/4	0.20044	0.281939	10.0	932472.0	1.406602	N
3	IC 200-188486/5	0.500453	0.428069	10.0	1035884.0	0.855364	N
4	IC 200-188486/6	4.992563	6.704227	10.0	845562.0	1.342843	Y
5	ICIS 200-188486/7	9.99806	11.108259	10.0	1064074.0	1.111041	Y
6	IC 200-188486/8	15.003557	17.174024	10.0	1085002.0	1.144663	Y
7	IC 200-188486/9	19.99612	11.464974	10.0	1138894.0	0.57336	Y
8	IC 200-188486/10	39.99224	48.737225	10.0	1095144.0	1.218667	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

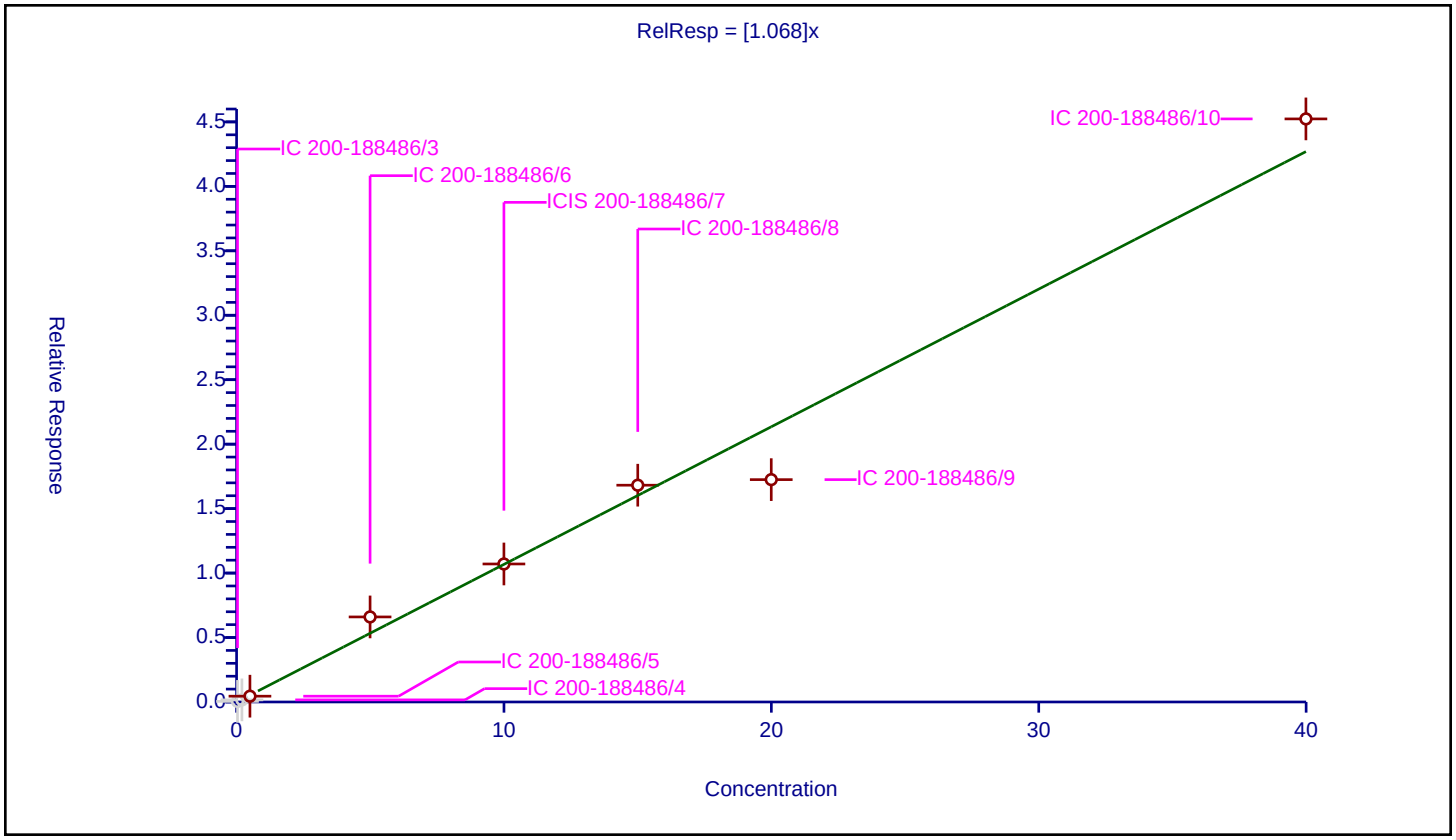
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	15.8
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.045501	10.0	937560.0	1.297179	N
2	IC 200-188486/4	0.20044	0.165281	10.0	932472.0	0.824593	N
3	IC 200-188486/5	0.500453	0.449935	10.0	1035884.0	0.899055	Y
4	IC 200-188486/6	4.992563	6.597293	10.0	845562.0	1.321424	Y
5	ICIS 200-188486/7	9.99806	10.706342	10.0	1064074.0	1.070842	Y
6	IC 200-188486/8	15.003557	16.816531	10.0	1085002.0	1.120836	Y
7	IC 200-188486/9	19.99612	17.249604	10.0	1138894.0	0.862648	Y
8	IC 200-188486/10	39.99224	45.232344	10.0	1095144.0	1.131028	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

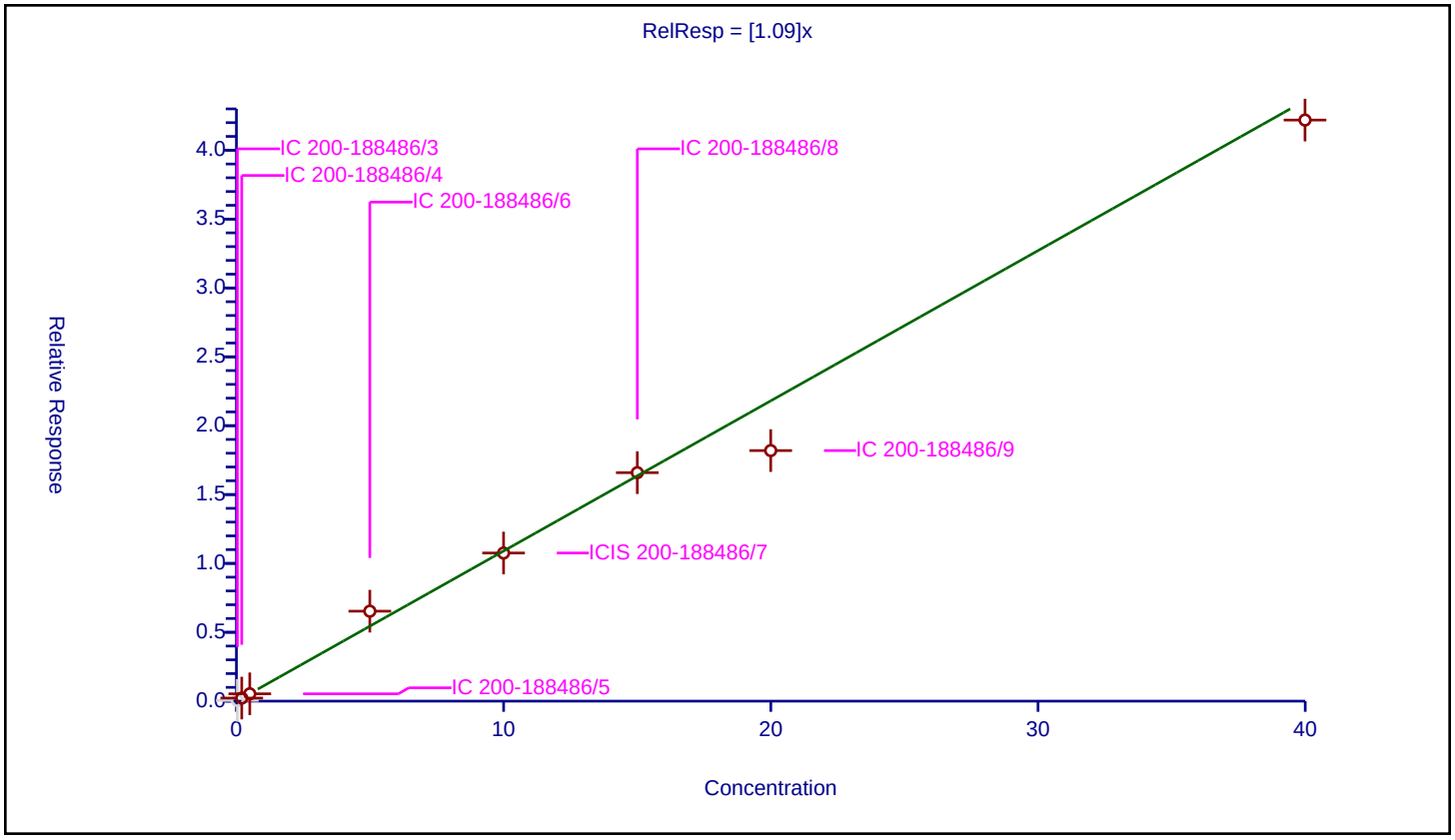
Curve Coefficients

Intercept:	0
Slope:	1.09

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.052999	10.0	937560.0	1.510943	N
2	IC 200-188486/4	0.20044	0.223138	10.0	932472.0	1.113243	Y
3	IC 200-188486/5	0.500453	0.53283	10.0	1035884.0	1.064696	Y
4	IC 200-188486/6	4.992563	6.530887	10.0	845562.0	1.308123	Y
5	ICIS 200-188486/7	9.99806	10.755342	10.0	1064074.0	1.075743	Y
6	IC 200-188486/8	15.003557	16.588458	10.0	1085002.0	1.105635	Y
7	IC 200-188486/9	19.99612	18.191825	10.0	1138894.0	0.909768	Y
8	IC 200-188486/10	39.99224	42.190114	10.0	1095144.0	1.054958	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

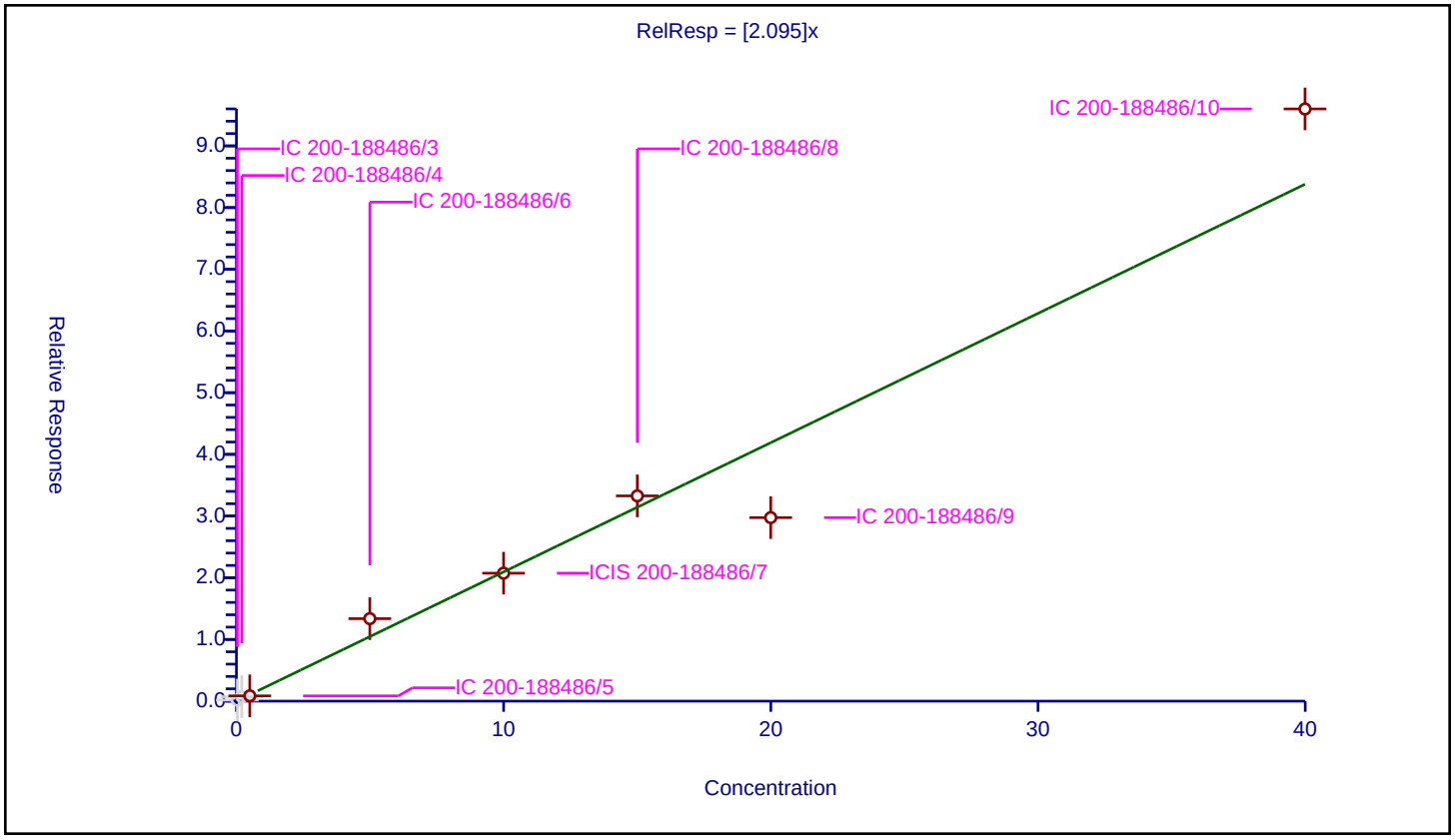
Curve Coefficients

Intercept:	0
Slope:	2.095

Error Coefficients

Standard Error:	5310000
Relative Standard Error:	21.0
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.171328	10.0	937560.0	4.88434	N
2	IC 200-188486/4	0.20044	0.717877	10.0	932472.0	3.581511	N
3	IC 200-188486/5	0.500453	0.856949	10.0	1035884.0	1.712348	Y
4	IC 200-188486/6	4.992563	13.3686	10.0	845562.0	2.677703	Y
5	ICIS 200-188486/7	9.99806	20.742655	10.0	1064074.0	2.074668	Y
6	IC 200-188486/8	15.003557	33.270197	10.0	1085002.0	2.217487	Y
7	IC 200-188486/9	19.99612	29.747062	10.0	1138894.0	1.487642	Y
8	IC 200-188486/10	39.99224	95.991404	10.0	1095144.0	2.400251	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

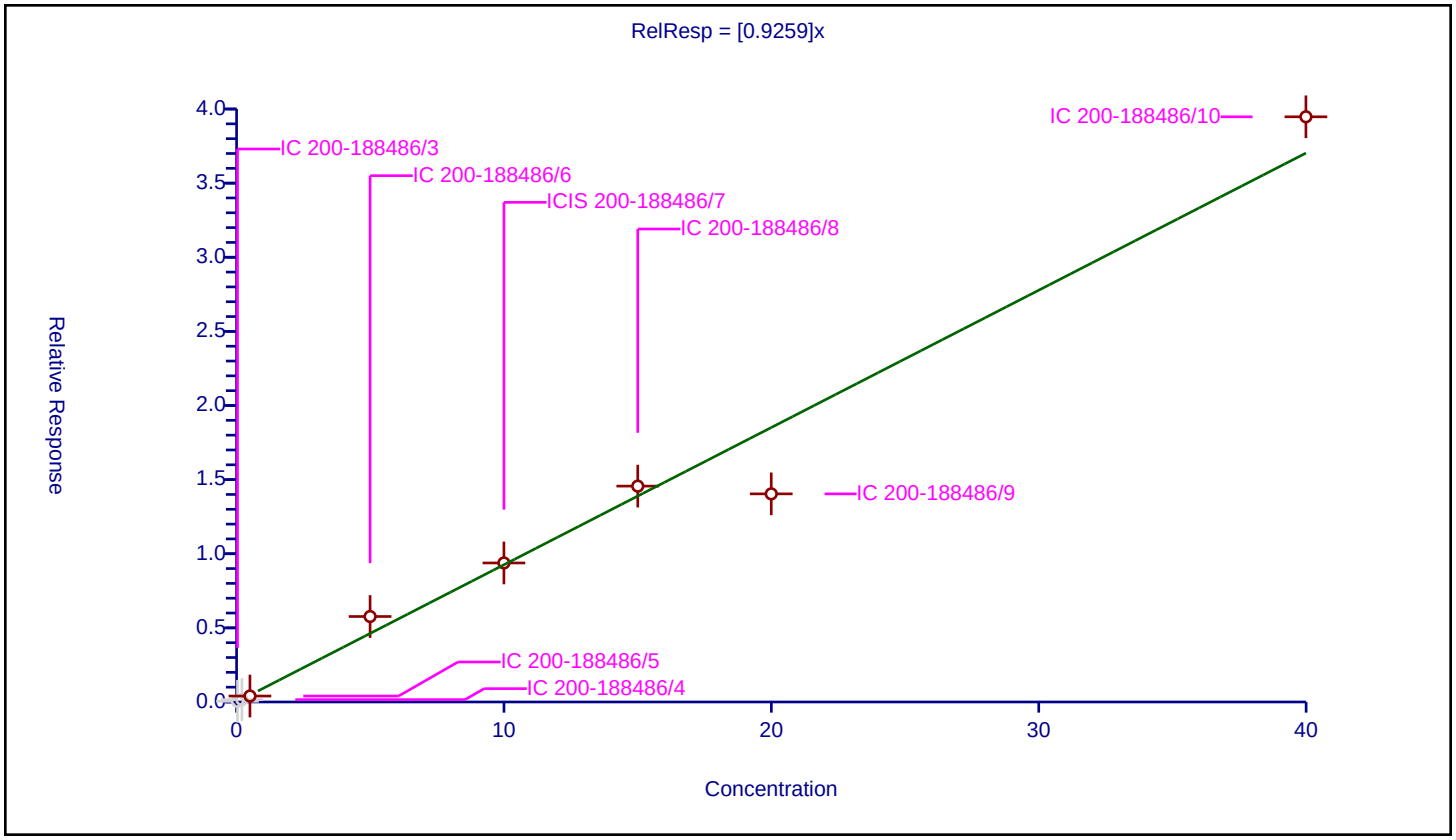
Curve Coefficients

Intercept:	0
Slope:	0.9259

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	17.0
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-188486/3	0.035077	0.047858	10.0	937560.0	1.36438	N
2	IC 200-188486/4	0.20044	0.159254	10.0	932472.0	0.794524	N
3	IC 200-188486/5	0.500453	0.401686	10.0	1035884.0	0.802645	Y
4	IC 200-188486/6	4.992563	5.765928	10.0	845562.0	1.154904	Y
5	ICIS 200-188486/7	9.99806	9.377844	10.0	1064074.0	0.937966	Y
6	IC 200-188486/8	15.003557	14.561632	10.0	1085002.0	0.970545	Y
7	IC 200-188486/9	19.99612	14.0384	10.0	1138894.0	0.702056	Y
8	IC 200-188486/10	39.99224	39.474882	10.0	1095144.0	0.987064	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188264/17 Calibration Date: 02/09/2023 04:42

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54269-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8941	0.8939		10.0	10.0	-0.0	30.0
Dichlorodifluoromethane	Ave	4.245	4.123		9.71	10.0	-2.9	30.0
Chlorodifluoromethane	Ave	2.291	2.198		9.59	10.0	-4.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.358	3.264		9.72	10.0	-2.8	30.0
Chloromethane	Ave	0.9212	0.8873		9.63	10.0	-3.7	30.0
n-Butane	Ave	1.354	1.310		9.67	10.0	-3.3	30.0
Vinyl chloride	Ave	1.131	0.997		8.81	10.0	-11.9	30.0
1,3-Butadiene	Ave	0.7249	0.6619		9.13	10.0	-8.7	30.0
Bromomethane	Ave	1.105	1.051		9.51	10.0	-4.8	30.0
Chloroethane	Ave	0.3875	0.3659		9.44	10.0	-5.6	30.0
Isopentane	Ave	0.9626	0.8807		9.15	10.0	-8.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.051	1.034		9.83	10.0	-1.6	30.0
Trichlorofluoromethane	Ave	3.780	3.578		9.46	10.0	-5.3	30.0
n-Pentane	Ave	1.318	1.241		9.41	10.0	-5.9	30.0
Ethanol	Ave	0.3747	0.3675		14.4	14.7	-1.9	30.0
Ethyl ether	Ave	0.4887	0.4642		9.50	10.0	-5.0	30.0
Acrolein	Ave	0.2427	0.2427		10.0	10.0	-0.0	30.0
1,1-Dichloroethene	Ave	1.030	0.9168		8.90	10.0	-11.0	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.380	2.279		9.57	10.0	-4.3	30.0
Acetone	Ave	1.378	1.424		10.3	10.0	3.4	30.0
Isopropyl alcohol	Ave	1.402	1.474		10.5	10.0	5.2	30.0
Carbon disulfide	Ave	2.767	2.658		9.61	10.0	-3.9	30.0
Acetonitrile	Ave	0.4575	0.4705		10.3	10.0	2.8	30.0
3-Chloropropene	Ave	1.256	1.160		9.23	10.0	-7.7	30.0
Methylene Chloride	Ave	1.275	1.186		9.30	10.0	-7.0	30.0
tert-Butyl alcohol	Ave	1.730	1.784		10.3	10.0	3.1	30.0
Acrylonitrile	Ave	0.4842	0.4608		9.51	10.0	-4.8	30.0
trans-1,2-Dichloroethene	Ave	1.727	1.535		8.89	10.0	-11.1	30.0
Methyl tert-butyl ether	Ave	2.542	2.420		9.52	10.0	-4.8	30.0
n-Hexane	Ave	1.160	1.117		9.63	10.0	-3.7	30.0
1,1-Dichloroethane	Ave	1.917	1.795		9.36	10.0	-6.4	30.0
Vinyl acetate	Ave	2.112	2.142		10.1	10.0	1.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.3618	0.3458		9.56	10.0	-4.4	30.0
cis-1,2-Dichloroethene	Ave	1.111	1.005		9.04	10.0	-9.6	30.0
Ethyl acetate	Ave	0.0477	0.0515		10.8	10.0	8.0	30.0
Tetrahydrofuran	Ave	0.1513	0.1630		10.8	10.0	7.7	30.0
Chloroform	Ave	2.952	2.787		9.44	10.0	-5.6	30.0
1,1,1-Trichloroethane	Ave	0.5846	0.5853		10.0	10.0	0.1	30.0
Cyclohexane	Ave	0.2237	0.2285		10.2	10.0	2.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188264/17 Calibration Date: 02/09/2023 04:42

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54269-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5937	0.6369		10.7	10.0	7.3	30.0
Benzene	Ave	0.6358	0.6028		9.48	10.0	-5.2	30.0
1,2-Dichloroethane	Ave	0.4062	0.3872		9.53	10.0	-4.7	30.0
2,2,4-Trimethylpentane	Ave	0.9236	0.9645		10.4	10.0	4.4	30.0
n-Heptane	Ave	0.3680	0.3885		10.6	10.0	5.6	30.0
n-Butanol	Ave	0.1356	0.1475		10.9	10.0	8.8	30.0
Trichloroethene	Ave	0.4179	0.3877		9.28	10.0	-7.2	30.0
1,2-Dichloropropane	Ave	0.2616	0.2535		9.69	10.0	-3.1	30.0
Methyl methacrylate	Ave	0.1985	0.1988		10.0	10.0	0.1	30.0
Dibromomethane	Ave	0.3536	0.3672		10.4	10.0	3.8	30.0
1,4-Dioxane	Ave	0.1307	0.1445		11.0	10.0	10.5	30.0
Bromodichloromethane	Ave	0.6738	0.6875		10.2	10.0	2.0	30.0
cis-1,3-Dichloropropene	Ave	0.4683	0.4745		10.1	10.0	1.3	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.5029	0.5009		9.96	10.0	-0.4	30.0
Toluene	Ave	0.5254	0.5351		10.2	10.0	1.8	30.0
n-Octane	Ave	0.5111	0.5350		10.5	10.0	4.7	30.0
trans-1,3-Dichloropropene	Ave	0.4250	0.4401		10.4	10.0	3.6	30.0
1,1,2-Trichloroethane	Ave	0.2970	0.3054		10.3	10.0	2.8	30.0
Tetrachloroethene	Ave	0.5405	0.5383		9.96	10.0	-0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5336	0.5419		10.2	10.0	1.6	30.0
Dibromochloromethane	Ave	0.7137	0.7227		10.1	10.0	1.3	30.0
1,2-Dibromoethane	Ave	0.5629	0.5838		10.4	10.0	3.7	30.0
Chlorobenzene	Ave	0.7402	0.7577		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	1.161	1.176		10.1	10.0	1.3	30.0
m,p-Xylene	Ave	0.3977	0.4233		21.3	20.0	6.5	30.0
n-Nonane	Ave	0.4580	0.4814		10.5	10.0	5.1	30.0
o-Xylene	Ave	0.4074	0.4135		10.1	10.0	1.5	30.0
Styrene	Ave	0.5823	0.6484		11.1	10.0	11.4	30.0
Bromoform	Ave	0.6915	0.7206		10.4	10.0	4.2	30.0
Cumene	Ave	1.120	1.163		10.4	10.0	3.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7145	0.7460		10.4	10.0	4.4	30.0
1,2,3-Trichloropropane	Ave	0.6006	0.6204		10.3	10.0	3.3	30.0
n-Propylbenzene	Ave	1.349	1.393		10.3	10.0	3.2	30.0
2-Chlorotoluene	Ave	0.9362	0.9851		10.5	10.0	5.2	30.0
4-Ethyltoluene	Ave	1.059	1.089		10.3	10.0	2.9	30.0
1,3,5-Trimethylbenzene	Ave	0.9079	0.9004		9.92	10.0	-0.8	30.0
n-Decane	Ave	0.4817	0.4598		9.54	10.0	-4.5	30.0
Alpha Methyl Styrene	Ave	0.4189	0.4483		10.7	10.0	7.0	30.0
tert-Butylbenzene	Ave	0.8418	0.8022		9.53	10.0	-4.7	30.0
1,2,4-Trimethylbenzene	Ave	0.9391	0.9128		9.72	10.0	-2.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188264/17 Calibration Date: 02/09/2023 04:42

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54269-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.260	1.203		9.55	10.0	-4.5	30.0
1,3-Dichlorobenzene	Ave	0.6926	0.7014		10.1	10.0	1.3	30.0
4-Isopropyltoluene	Ave	0.996	0.9508		9.54	10.0	-4.6	30.0
1,4-Dichlorobenzene	Ave	0.6977	0.7119		10.2	10.0	2.0	30.0
Benzyl chloride	Ave	0.9747	1.012		10.4	10.0	3.8	30.0
n-Butylbenzene	Ave	0.9618	0.8865		9.22	10.0	-7.8	30.0
1,2-Dichlorobenzene	Ave	0.6824	0.6817		9.99	10.0	-0.1	30.0
n-Undecane	Ave	0.4354	0.3697		8.49	10.0	-15.1	30.0
n-Dodecane	Ave	0.2992	0.2509		8.38	10.0	-16.1	30.0
1,2,4-Trichlorobenzene	Ave	0.4438	0.4168		9.39	10.0	-6.1	30.0
Hexachlorobutadiene	Ave	0.4374	0.3727		8.52	10.0	-14.8	30.0
Naphthalene	Ave	0.9308	0.9681		10.4	10.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.3282	0.3093		9.42	10.0	-5.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188367/2 Calibration Date: 02/11/2023 10:48

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54301-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8941	0.9390		10.5	10.0	5.0	30.0
Dichlorodifluoromethane	Ave	4.245	3.939		9.28	10.0	-7.2	30.0
Chlorodifluoromethane	Ave	2.291	2.242		9.78	10.0	-2.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.358	3.114		9.27	10.0	-7.3	30.0
Chloromethane	Ave	0.9212	0.9237		10.0	10.0	0.3	30.0
Vinyl chloride	Ave	1.131	0.9831		8.69	10.0	-13.1	30.0
n-Butane	Ave	1.354	1.436		10.6	10.0	6.0	30.0
1,3-Butadiene	Ave	0.7249	0.6456		8.90	10.0	-10.9	30.0
Bromomethane	Ave	1.105	1.002		9.07	10.0	-9.3	30.0
Chloroethane	Ave	0.3875	0.3610		9.31	10.0	-6.9	30.0
Isopentane	Ave	0.9626	0.9278		9.64	10.0	-3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	1.051	0.9380		8.92	10.0	-10.8	30.0
Trichlorofluoromethane	Ave	3.780	3.485		9.22	10.0	-7.8	30.0
n-Pentane	Ave	1.318	1.437		10.9	10.0	9.0	30.0
Ethanol	Ave	0.3747	0.4230		16.9	15.0	12.9	30.0
Ethyl ether	Ave	0.4887	0.5120		10.5	10.0	4.8	30.0
Acrolein	Ave	0.2427	0.2388		9.84	10.0	-1.6	30.0
1,1-Dichloroethene	Ave	1.030	0.9194		8.93	10.0	-10.7	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.380	2.290		9.62	10.0	-3.8	30.0
Acetone	Ave	1.378	1.705		12.4	10.0	23.8	30.0
Isopropyl alcohol	Ave	1.402	1.762		12.6	10.0	25.7	30.0
Carbon disulfide	Ave	2.767	2.841		10.3	10.0	2.7	30.0
Acetonitrile	Ave	0.4575	0.5881		12.9	10.0	28.5	30.0
3-Chloropropene	Ave	1.256	1.331		10.6	10.0	6.0	30.0
Methylene Chloride	Ave	1.275	1.364		10.7	10.0	7.0	30.0
tert-Butyl alcohol	Ave	1.730	1.998		11.5	10.0	15.5	30.0
Acrylonitrile	Ave	0.4842	0.5053		10.4	10.0	4.3	30.0
trans-1,2-Dichloroethene	Ave	1.727	1.707		9.88	10.0	-1.1	30.0
Methyl tert-butyl ether	Ave	2.542	2.539		9.99	10.0	-0.1	30.0
n-Hexane	Ave	1.160	1.240		10.7	10.0	6.9	30.0
1,1-Dichloroethane	Ave	1.917	1.918		10.0	10.0	0.0	30.0
Vinyl acetate	Ave	2.112	2.378		11.3	10.0	12.6	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.3618	0.3651		10.1	10.0	0.9	30.0
cis-1,2-Dichloroethene	Ave	1.111	0.9922		8.93	10.0	-10.7	30.0
Ethyl acetate	Ave	0.0477	0.0505		10.6	10.0	5.9	30.0
Tetrahydrofuran	Ave	0.1513	0.1673		11.1	10.0	10.6	30.0
Chloroform	Ave	2.952	2.868		9.71	10.0	-2.8	30.0
1,1,1-Trichloroethane	Ave	0.5846	0.5103		8.73	10.0	-12.7	30.0
Cyclohexane	Ave	0.2237	0.2025		9.05	10.0	-9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188367/2 Calibration Date: 02/11/2023 10:48

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54301-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5937	0.5354		9.02	10.0	-9.8	30.0
Benzene	Ave	0.6358	0.5555		8.74	10.0	-12.6	30.0
1,2-Dichloroethane	Ave	0.4062	0.3785		9.32	10.0	-6.8	30.0
2,2,4-Trimethylpentane	Ave	0.9236	0.9579		10.4	10.0	3.7	30.0
n-Heptane	Ave	0.3680	0.4081		11.1	10.0	10.9	30.0
n-Butanol	Ave	0.1356	0.1486		11.0	10.0	9.6	30.0
Trichloroethene	Ave	0.4179	0.3736		8.94	10.0	-10.6	30.0
1,2-Dichloropropane	Ave	0.2616	0.2512		9.60	10.0	-4.0	30.0
Methyl methacrylate	Ave	0.1985	0.1961		9.88	10.0	-1.2	30.0
1,4-Dioxane	Ave	0.1307	0.1329		10.2	10.0	1.7	30.0
Dibromomethane	Ave	0.3536	0.2870		8.12	10.0	-18.8	30.0
Bromodichloromethane	Ave	0.6738	0.6291		9.33	10.0	-6.6	30.0
cis-1,3-Dichloropropene	Ave	0.4683	0.4344		9.27	10.0	-7.2	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.5029	0.5611		11.2	10.0	11.6	30.0
Toluene	Ave	0.5254	0.4859		9.25	10.0	-7.5	30.0
n-Octane	Ave	0.5111	0.6015		11.8	10.0	17.7	30.0
trans-1,3-Dichloropropene	Ave	0.4250	0.4016		9.45	10.0	-5.5	30.0
1,1,2-Trichloroethane	Ave	0.2970	0.2878		9.69	10.0	-3.1	30.0
Tetrachloroethene	Ave	0.5405	0.4469		8.27	10.0	-17.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5336	0.6339		11.9	10.0	18.8	30.0
Dibromochloromethane	Ave	0.7137	0.6391		8.95	10.0	-10.5	30.0
1,2-Dibromoethane	Ave	0.5629	0.5181		9.20	10.0	-8.0	30.0
Chlorobenzene	Ave	0.7402	0.6793		9.18	10.0	-8.2	30.0
Ethylbenzene	Ave	1.161	1.099		9.46	10.0	-5.3	30.0
m,p-Xylene	Ave	0.3977	0.3831		19.3	20.0	-3.7	30.0
n-Nonane	Ave	0.4580	0.5256		11.5	10.0	14.7	30.0
o-Xylene	Ave	0.4074	0.3649		8.96	10.0	-10.4	30.0
Styrene	Ave	0.5823	0.5928		10.2	10.0	1.8	30.0
Bromoform	Ave	0.6915	0.5872		8.49	10.0	-15.1	30.0
Cumene	Ave	1.120	1.065		9.51	10.0	-4.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7145	0.6636		9.29	10.0	-7.1	30.0
1,2,3-Trichloropropane	Ave	0.6006	0.5766		9.60	10.0	-4.0	30.0
n-Propylbenzene	Ave	1.349	1.302		9.65	10.0	-3.5	30.0
2-Chlorotoluene	Ave	0.9362	0.8993		9.60	10.0	-3.9	30.0
4-Ethyltoluene	Ave	1.059	1.009		9.53	10.0	-4.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9079	0.8428		9.28	10.0	-7.2	30.0
n-Decane	Ave	0.4817	0.4911		10.2	10.0	2.0	30.0
Alpha Methyl Styrene	Ave	0.4189	0.4019		9.59	10.0	-4.1	30.0
tert-Butylbenzene	Ave	0.8418	0.7541		8.96	10.0	-10.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9391	0.8708		9.27	10.0	-7.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188367/2 Calibration Date: 02/11/2023 10:48

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54301-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.260	1.147		9.11	10.0	-8.9	30.0
1,3-Dichlorobenzene	Ave	0.6926	0.6352		9.17	10.0	-8.3	30.0
4-Isopropyltoluene	Ave	0.996	0.9178		9.21	10.0	-7.9	30.0
1,4-Dichlorobenzene	Ave	0.6977	0.6430		9.22	10.0	-7.8	30.0
Benzyl chloride	Ave	0.9747	0.9345		9.59	10.0	-4.1	30.0
n-Butylbenzene	Ave	0.9618	0.8924		9.28	10.0	-7.2	30.0
1,2-Dichlorobenzene	Ave	0.6824	0.6237		9.14	10.0	-8.6	30.0
n-Undecane	Ave	0.4354	0.4273		9.81	10.0	-1.9	30.0
n-Dodecane	Ave	0.2992	0.3924		13.1	10.0	31.2*	30.0
1,2,4-Trichlorobenzene	Ave	0.4438	0.4659		10.5	10.0	5.0	30.0
Hexachlorobutadiene	Ave	0.4374	0.3972		9.08	10.0	-9.2	30.0
Naphthalene	Ave	0.9308	1.106		11.9	10.0	18.8	30.0
1,2,3-Trichlorobenzene	Ave	0.3282	0.3906		11.9	10.0	19.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188462/3 Calibration Date: 02/15/2023 09:58

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54336-003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.8941	1.014		11.3	10.0	13.4	30.0
Dichlorodifluoromethane	Ave	4.245	4.658		11.0	10.0	9.7	30.0
Chlorodifluoromethane	Ave	2.291	2.592		11.3	10.0	13.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.358	3.544		10.6	10.0	5.5	30.0
Chloromethane	Ave	0.9212	0.9475		10.3	10.0	2.9	30.0
Vinyl chloride	Ave	1.131	1.051		9.29	10.0	-7.1	30.0
n-Butane	Ave	1.354	1.524		11.2	10.0	12.5	30.0
1,3-Butadiene	Ave	0.7249	0.7261		10.0	10.0	0.2	30.0
Bromomethane	Ave	1.105	1.106		10.0	10.0	0.1	30.0
Chloroethane	Ave	0.3875	0.3756		9.69	10.0	-3.1	30.0
Isopentane	Ave	0.9626	1.116		11.6	10.0	16.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.051	1.058		10.1	10.0	0.6	30.0
Trichlorofluoromethane	Ave	3.780	4.093		10.8	10.0	8.3	30.0
n-Pentane	Ave	1.318	1.505		11.4	10.0	14.2	30.0
Ethanol	Ave	0.3747	0.3649		14.6	15.0	-2.6	30.0
Ethyl ether	Ave	0.4887	0.4982		10.2	10.0	1.9	30.0
Acrolein	Ave	0.2427	0.2384		9.82	10.0	-1.8	30.0
1,1-Dichloroethene	Ave	1.030	0.9400		9.13	10.0	-8.7	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.380	2.378		9.99	10.0	-0.1	30.0
Acetone	Ave	1.378	1.715		12.4	10.0	24.5	30.0
Isopropyl alcohol	Ave	1.402	1.639		11.7	10.0	16.9	30.0
Carbon disulfide	Ave	2.767	2.839		10.3	10.0	2.6	30.0
Acetonitrile	Ave	0.4575	0.5468		11.9	10.0	19.5	30.0
3-Chloropropene	Ave	1.256	1.312		10.4	10.0	4.5	30.0
Methylene Chloride	Ave	1.275	1.394		10.9	10.0	9.4	30.0
tert-Butyl alcohol	Ave	1.730	1.963		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.4842	0.4989		10.3	10.0	3.0	30.0
trans-1,2-Dichloroethene	Ave	1.727	1.736		10.0	10.0	0.5	30.0
Methyl tert-butyl ether	Ave	2.542	2.622		10.3	10.0	3.2	30.0
n-Hexane	Ave	1.160	1.210		10.4	10.0	4.3	30.0
1,1-Dichloroethane	Ave	1.917	1.948		10.2	10.0	1.6	30.0
Vinyl acetate	Ave	2.112	2.542		12.0	10.0	20.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.3618	0.3500		9.67	10.0	-3.3	30.0
cis-1,2-Dichloroethene	Ave	1.111	1.000		8.99	10.0	-10.1	30.0
Ethyl acetate	Ave	0.0477	0.0483		10.1	10.0	1.4	30.0
Tetrahydrofuran	Ave	0.1513	0.1832		12.1	10.0	21.1	30.0
Chloroform	Ave	2.952	2.959		10.0	10.0	0.2	30.0
1,1,1-Trichloroethane	Ave	0.5846	0.6116		10.5	10.0	4.6	30.0
Cyclohexane	Ave	0.2237	0.2160		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188462/3 Calibration Date: 02/15/2023 09:58

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54336-003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5937	0.6477		10.9	10.0	9.1	30.0
Benzene	Ave	0.6358	0.5791		9.11	10.0	-8.9	30.0
1,2-Dichloroethane	Ave	0.4062	0.4307		10.6	10.0	6.0	30.0
2,2,4-Trimethylpentane	Ave	0.9236	0.9522		10.3	10.0	3.1	30.0
n-Heptane	Ave	0.3680	0.4113		11.2	10.0	11.8	30.0
n-Butanol	Ave	0.1356	0.1364		10.1	10.0	0.6	30.0
Trichloroethene	Ave	0.4179	0.3988		9.54	10.0	-4.6	30.0
1,2-Dichloropropane	Ave	0.2616	0.2434		9.30	10.0	-7.0	30.0
Methyl methacrylate	Ave	0.1985	0.1936		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.3536	0.3328		9.41	10.0	-5.9	30.0
1,4-Dioxane	Ave	0.1307	0.1188		9.09	10.0	-9.1	30.0
Bromodichloromethane	Ave	0.6738	0.7041		10.4	10.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	0.4683	0.4572		9.76	10.0	-2.4	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.5029	0.5388		10.7	10.0	7.2	30.0
Toluene	Ave	0.5254	0.4935		9.39	10.0	-6.1	30.0
n-Octane	Ave	0.5111	0.5878		11.5	10.0	15.0	30.0
trans-1,3-Dichloropropene	Ave	0.4250	0.4376		10.3	10.0	3.0	30.0
1,1,2-Trichloroethane	Ave	0.2970	0.2802		9.43	10.0	-5.6	30.0
Tetrachloroethene	Ave	0.5405	0.4942		9.14	10.0	-8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5336	0.5999		11.2	10.0	12.4	30.0
Dibromochloromethane	Ave	0.7137	0.7224		10.1	10.0	1.2	30.0
1,2-Dibromoethane	Ave	0.5629	0.5394		9.58	10.0	-4.2	30.0
Chlorobenzene	Ave	0.7402	0.7026		9.49	10.0	-5.1	30.0
Ethylbenzene	Ave	1.161	1.135		9.77	10.0	-2.3	30.0
m,p-Xylene	Ave	0.3977	0.4017		20.2	20.0	1.0	30.0
n-Nonane	Ave	0.4580	0.4909		10.7	10.0	7.2	30.0
o-Xylene	Ave	0.4074	0.3963		9.73	10.0	-2.7	30.0
Styrene	Ave	0.5823	0.6225		10.7	10.0	6.9	30.0
Bromoform	Ave	0.6915	0.7474		10.8	10.0	8.1	30.0
Cumene	Ave	1.120	1.143		10.2	10.0	2.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7145	0.6816		9.54	10.0	-4.6	30.0
1,2,3-Trichloropropane	Ave	0.6006	0.6071		10.1	10.0	1.1	30.0
n-Propylbenzene	Ave	1.349	1.358		10.1	10.0	0.6	30.0
2-Chlorotoluene	Ave	0.9362	0.9615		10.3	10.0	2.7	30.0
4-Ethyltoluene	Ave	1.059	1.073		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.9079	0.9163		10.1	10.0	0.9	30.0
n-Decane	Ave	0.4817	0.4831		10.0	10.0	0.3	30.0
Alpha Methyl Styrene	Ave	0.4189	0.4443		10.6	10.0	6.1	30.0
tert-Butylbenzene	Ave	0.8418	0.8089		9.61	10.0	-3.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9391	0.9324		9.93	10.0	-0.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188462/3 Calibration Date: 02/15/2023 09:58

Instrument ID: CHG.i Calib Start Date: 02/08/2023 17:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/09/2023 01:11

Lab File ID: 200-54336-003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.260	1.215		9.65	10.0	-3.5	30.0
1,3-Dichlorobenzene	Ave	0.6926	0.6918		9.99	10.0	-0.1	30.0
4-Isopropyltoluene	Ave	0.996	0.9769		9.80	10.0	-2.0	30.0
1,4-Dichlorobenzene	Ave	0.6977	0.7099		10.2	10.0	1.8	30.0
Benzyl chloride	Ave	0.9747	1.083		11.1	10.0	11.2	30.0
n-Butylbenzene	Ave	0.9618	0.9586		9.96	10.0	-0.3	30.0
1,2-Dichlorobenzene	Ave	0.6824	0.7037		10.3	10.0	3.1	30.0
n-Undecane	Ave	0.4354	0.4260		9.78	10.0	-2.2	30.0
n-Dodecane	Ave	0.2992	0.3435		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.4438	0.5069		11.4	10.0	14.2	30.0
Hexachlorobutadiene	Ave	0.4374	0.4641		10.6	10.0	6.1	30.0
Naphthalene	Ave	0.9308	1.107		11.9	10.0	18.9	30.0
1,2,3-Trichlorobenzene	Ave	0.3282	0.4229		12.9	10.0	28.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-187989/16 Calibration Date: 02/01/2023 03:25

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54170-016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.639	1.813		11.1	10.0	10.6	30.0
Dichlorodifluoromethane	Ave	4.578	4.903		10.7	10.0	7.1	30.0
Chlorodifluoromethane	Ave	3.006	3.216		10.7	10.0	7.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.233	5.469		10.4	10.0	4.5	30.0
Chloromethane	Ave	1.844	1.961		10.6	10.0	6.4	30.0
n-Butane	Ave	2.817	2.997		10.6	10.0	6.4	30.0
Vinyl chloride	Ave	1.919	1.970		10.3	10.0	2.7	30.0
1,3-Butadiene	Ave	1.482	1.509		10.2	10.0	1.8	30.0
Bromomethane	Ave	1.823	1.903		10.4	10.0	4.4	30.0
Chloroethane	Ave	1.083	1.161		10.7	10.0	7.2	30.0
Isopentane	Ave	2.389	2.486		10.4	10.0	4.1	30.0
Bromoethene(Vinyl Bromide)	Ave	1.719	1.840		10.7	10.0	7.0	30.0
Trichlorofluoromethane	Ave	4.241	4.413		10.4	10.0	4.1	30.0
n-Pentane	Ave	3.249	3.498		10.8	10.0	7.7	30.0
Ethanol	Ave	0.8424	0.8504		14.8	14.7	1.0	30.0
Ethyl ether	Ave	1.284	1.381		10.8	10.0	7.5	30.0
Acrolein	Ave	0.7581	0.8522		11.2	10.0	12.4	30.0
1,1-Dichloroethene	Ave	1.737	1.768		10.2	10.0	1.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.416	3.572		10.5	10.0	4.6	30.0
Acetone	Ave	2.287	2.492		10.9	10.0	9.0	30.0
Isopropyl alcohol	Ave	2.741	2.900		10.6	10.0	5.8	30.0
Carbon disulfide	Ave	4.655	4.978		10.7	10.0	6.9	30.0
Acetonitrile	Ave	1.123	1.233		11.0	10.0	9.8	30.0
3-Chloropropene	Ave	2.244	2.216		9.87	10.0	-1.2	30.0
Methylene Chloride	Ave	1.748	1.864		10.7	10.0	6.6	30.0
tert-Butyl alcohol	Ave	3.026	3.212		10.6	10.0	6.2	30.0
Acrylonitrile	Ave	1.039	1.147		11.0	10.0	10.4	30.0
trans-1,2-Dichloroethene	Ave	2.207	2.350		10.6	10.0	6.5	30.0
Methyl tert-butyl ether	Ave	4.369	4.687		10.7	10.0	7.3	30.0
n-Hexane	Ave	2.480	2.628		10.6	10.0	6.0	30.0
1,1-Dichloroethane	Ave	2.769	2.887		10.4	10.0	4.3	30.0
Vinyl acetate	Ave	3.720	4.208		11.3	10.0	13.1	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.7612	0.8340		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.603	1.696		10.6	10.0	5.8	30.0
Ethyl acetate	Ave	0.1386	0.1555		11.2	10.0	12.2	30.0
Tetrahydrofuran	Ave	0.3056	0.3470		11.4	10.0	13.6	30.0
Chloroform	Ave	3.110	3.293		10.6	10.0	5.9	30.0
1,1,1-Trichloroethane	Ave	0.5959	0.6474		10.9	10.0	8.6	30.0
Cyclohexane	Ave	0.4126	0.4481		10.9	10.0	8.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-187989/16 Calibration Date: 02/01/2023 03:25

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54170-016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6170	0.6649		10.8	10.0	7.8	30.0
Benzene	Ave	0.9646	1.019		10.6	10.0	5.7	30.0
1,2-Dichloroethane	Ave	0.3706	0.3973		10.7	10.0	7.2	30.0
2,2,4-Trimethylpentane	Ave	1.519	1.619		10.7	10.0	6.6	30.0
n-Heptane	Ave	0.5413	0.5789		10.7	10.0	6.9	30.0
n-Butanol	Ave	0.2157	0.2274		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.4046	0.4297		10.6	10.0	6.2	30.0
1,2-Dichloropropane	Ave	0.3490	0.3718		10.7	10.0	6.5	30.0
Methyl methacrylate	Ave	0.3132	0.3497		11.2	10.0	11.6	30.0
1,4-Dioxane	Ave	0.1781	0.1943		10.9	10.0	9.1	30.0
Dibromomethane	Ave	0.3701	0.3941		10.6	10.0	6.5	30.0
Bromodichloromethane	Ave	0.6332	0.6852		10.8	10.0	8.2	30.0
cis-1,3-Dichloropropene	Ave	0.5700	0.6253		11.0	10.0	9.7	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6380	0.7128		11.2	10.0	11.7	30.0
Toluene	Ave	0.7928	0.8416		10.6	10.0	6.1	30.0
n-Octane	Ave	0.7368	0.7990		10.8	10.0	8.4	30.0
trans-1,3-Dichloropropene	Ave	0.4811	0.5361		11.1	10.0	11.4	30.0
1,1,2-Trichloroethane	Ave	0.3781	0.4100		10.8	10.0	8.4	30.0
Tetrachloroethene	Ave	0.6492	0.6823		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6893	0.7890		11.4	10.0	14.5	30.0
Dibromochloromethane	Ave	0.7413	0.8228		11.1	10.0	11.0	30.0
1,2-Dibromoethane	Ave	0.6532	0.7154		11.0	10.0	9.5	30.0
Chlorobenzene	Ave	1.049	1.111		10.6	10.0	5.9	30.0
Ethylbenzene	Ave	1.730	1.855		10.7	10.0	7.2	30.0
m,p-Xylene	Ave	0.6632	0.7155		21.6	20.0	7.9	30.0
n-Nonane	Ave	0.8462	0.9182		10.8	10.0	8.5	30.0
o-Xylene	Ave	0.6437	0.6931		10.8	10.0	7.7	30.0
Styrene	Ave	0.9737	1.101		11.3	10.0	13.1	30.0
Bromoform	Ave	0.7175	0.8197		11.4	10.0	14.3	30.0
Cumene	Ave	1.905	2.047		10.7	10.0	7.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9739	1.058		10.9	10.0	8.6	30.0
1,2,3-Trichloropropane	Ave	0.7675	0.8279		10.8	10.0	7.9	30.0
n-Propylbenzene	Ave	2.281	2.464		10.8	10.0	8.0	30.0
2-Chlorotoluene	Ave	1.427	1.508		10.6	10.0	5.7	30.0
4-Ethyltoluene	Ave	1.840	2.017		11.0	10.0	9.6	30.0
1,3,5-Trimethylbenzene	Ave	1.557	1.681		10.8	10.0	8.0	30.0
n-Decane	Ave	1.011	1.142		11.3	10.0	13.0	30.0
Alpha Methyl Styrene	Ave	0.7281	0.8489		11.7	10.0	16.6	30.0
tert-Butylbenzene	Ave	1.493	1.598		10.7	10.0	7.1	30.0
1,2,4-Trimethylbenzene	Ave	1.536	1.680		10.9	10.0	9.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-187989/16 Calibration Date: 02/01/2023 03:25

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54170-016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.224	2.397		10.8	10.0	7.8	30.0
1,3-Dichlorobenzene	Ave	0.9627	1.052		10.9	10.0	9.3	30.0
4-Isopropyltoluene	Ave	1.825	1.998		10.9	10.0	9.5	30.0
1,4-Dichlorobenzene	Ave	0.9379	1.026		10.9	10.0	9.4	30.0
Benzyl chloride	Ave	1.235	1.425		11.5	10.0	15.4	30.0
n-Butylbenzene	Ave	1.658	1.842		11.1	10.0	11.1	30.0
1,2-Dichlorobenzene	Ave	0.9309	0.997		10.7	10.0	7.2	30.0
n-Undecane	Ave	0.9837	1.053		10.7	10.0	7.1	30.0
n-Dodecane	Ave	0.6374	0.5863		9.20	10.0	-8.0	30.0
1,2,4-Trichlorobenzene	Ave	0.5290	0.5411		10.2	10.0	2.3	30.0
Hexachlorobutadiene	Ave	0.7281	0.7301		10.0	10.0	0.3	30.0
Naphthalene	Ave	1.110	1.110		9.99	10.0	-0.0	30.0
1,2,3-Trichlorobenzene	Ave	0.4197	0.4070		9.69	10.0	-3.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188411/2 Calibration Date: 02/14/2023 09:34

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54318-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.639	1.903		11.6	10.0	16.1	30.0
Dichlorodifluoromethane	Ave	4.578	4.889		10.7	10.0	6.8	30.0
Chlorodifluoromethane	Ave	3.006	3.293		11.0	10.0	9.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.233	5.262		10.1	10.0	0.6	30.0
Chloromethane	Ave	1.844	2.043		11.1	10.0	10.8	30.0
Vinyl chloride	Ave	1.919	2.049		10.7	10.0	6.8	30.0
n-Butane	Ave	2.817	3.269		11.6	10.0	16.0	30.0
1,3-Butadiene	Ave	1.482	1.644		11.1	10.0	10.9	30.0
Bromomethane	Ave	1.823	1.805		9.90	10.0	-1.0	30.0
Chloroethane	Ave	1.083	1.128		10.4	10.0	4.2	30.0
Isopentane	Ave	2.389	2.516		10.5	10.0	5.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.719	1.700		9.89	10.0	-1.1	30.0
Trichlorofluoromethane	Ave	4.241	4.168		9.83	10.0	-1.7	30.0
n-Pentane	Ave	3.249	3.511		10.8	10.0	8.1	30.0
Ethanol	Ave	0.8424	0.9465		16.9	15.0	12.4	30.0
Ethyl ether	Ave	1.284	1.307		10.2	10.0	1.8	30.0
Acrolein	Ave	0.7581	0.7830		10.3	10.0	3.3	30.0
1,1-Dichloroethene	Ave	1.737	1.608		9.26	10.0	-7.4	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.416	3.307		9.68	10.0	-3.2	30.0
Acetone	Ave	2.287	2.410		10.5	10.0	5.4	30.0
Isopropyl alcohol	Ave	2.741	2.924		10.7	10.0	6.7	30.0
Carbon disulfide	Ave	4.655	4.676		10.0	10.0	0.5	30.0
Acetonitrile	Ave	1.123	1.180		10.5	10.0	5.1	30.0
3-Chloropropene	Ave	2.244	2.197		9.79	10.0	-2.1	30.0
Methylene Chloride	Ave	1.748	1.760		10.1	10.0	0.7	30.0
tert-Butyl alcohol	Ave	3.026	3.109		10.3	10.0	2.7	30.0
Acrylonitrile	Ave	1.039	1.051		10.1	10.0	1.2	30.0
trans-1,2-Dichloroethene	Ave	2.207	2.158		9.78	10.0	-2.2	30.0
Methyl tert-butyl ether	Ave	4.369	4.229		9.68	10.0	-3.2	30.0
n-Hexane	Ave	2.480	2.399		9.67	10.0	-3.3	30.0
1,1-Dichloroethane	Ave	2.769	2.624		9.48	10.0	-5.2	30.0
Vinyl acetate	Ave	3.720	3.845		10.3	10.0	3.3	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.7612	0.7510		9.87	10.0	-1.3	30.0
cis-1,2-Dichloroethene	Ave	1.603	1.513		9.44	10.0	-5.6	30.0
Ethyl acetate	Ave	0.1386	0.1347		9.72	10.0	-2.8	30.0
Tetrahydrofuran	Ave	0.3056	0.3175		10.4	10.0	3.9	30.0
Chloroform	Ave	3.110	2.999		9.64	10.0	-3.6	30.0
1,1,1-Trichloroethane	Ave	0.5959	0.5791		9.72	10.0	-2.8	30.0
Cyclohexane	Ave	0.4126	0.3952		9.58	10.0	-4.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188411/2 Calibration Date: 02/14/2023 09:34

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54318-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6170	0.6010		9.74	10.0	-2.6	30.0
Benzene	Ave	0.9646	0.9155		9.49	10.0	-5.1	30.0
1,2-Dichloroethane	Ave	0.3706	0.3678		9.92	10.0	-0.7	30.0
2,2,4-Trimethylpentane	Ave	1.519	1.483		9.76	10.0	-2.4	30.0
n-Heptane	Ave	0.5413	0.5340		9.86	10.0	-1.3	30.0
n-Butanol	Ave	0.2157	0.2168		10.0	10.0	0.5	30.0
Trichloroethene	Ave	0.4046	0.3784		9.35	10.0	-6.5	30.0
1,2-Dichloropropane	Ave	0.3490	0.3295		9.44	10.0	-5.6	30.0
Methyl methacrylate	Ave	0.3132	0.3079		9.83	10.0	-1.7	30.0
1,4-Dioxane	Ave	0.1781	0.1883		10.6	10.0	5.8	30.0
Dibromomethane	Ave	0.3701	0.3449		9.32	10.0	-6.8	30.0
Bromodichloromethane	Ave	0.6332	0.6098		9.63	10.0	-3.7	30.0
cis-1,3-Dichloropropene	Ave	0.5700	0.5476		9.61	10.0	-3.9	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6380	0.6466		10.1	10.0	1.4	30.0
Toluene	Ave	0.7928	0.7526		9.49	10.0	-5.1	30.0
n-Octane	Ave	0.7368	0.7208		9.78	10.0	-2.2	30.0
trans-1,3-Dichloropropene	Ave	0.4811	0.4735		9.84	10.0	-1.6	30.0
1,1,2-Trichloroethane	Ave	0.3781	0.3645		9.64	10.0	-3.6	30.0
Tetrachloroethene	Ave	0.6492	0.6070		9.35	10.0	-6.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6893	0.7280		10.6	10.0	5.6	30.0
Dibromochloromethane	Ave	0.7413	0.7409		9.99	10.0	-0.0	30.0
1,2-Dibromoethane	Ave	0.6532	0.6334		9.69	10.0	-3.0	30.0
Chlorobenzene	Ave	1.049	0.9870		9.40	10.0	-5.9	30.0
Ethylbenzene	Ave	1.730	1.648		9.52	10.0	-4.8	30.0
m,p-Xylene	Ave	0.6632	0.6330		19.1	20.0	-4.6	30.0
n-Nonane	Ave	0.8462	0.8289		9.79	10.0	-2.1	30.0
o-Xylene	Ave	0.6437	0.6168		9.58	10.0	-4.2	30.0
Styrene	Ave	0.9737	0.9734		9.99	10.0	-0.0	30.0
Bromoform	Ave	0.7175	0.7414		10.3	10.0	3.3	30.0
Cumene	Ave	1.905	1.845		9.68	10.0	-3.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9739	0.9625		9.88	10.0	-1.2	30.0
1,2,3-Trichloropropane	Ave	0.7675	0.7632		9.94	10.0	-0.6	30.0
n-Propylbenzene	Ave	2.281	2.252		9.87	10.0	-1.3	30.0
2-Chlorotoluene	Ave	1.427	1.371		9.61	10.0	-3.9	30.0
4-Ethyltoluene	Ave	1.840	1.835		9.97	10.0	-0.3	30.0
1,3,5-Trimethylbenzene	Ave	1.557	1.550		9.96	10.0	-0.4	30.0
n-Decane	Ave	1.011	1.064		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.7281	0.7681		10.5	10.0	5.5	30.0
tert-Butylbenzene	Ave	1.493	1.472		9.86	10.0	-1.4	30.0
1,2,4-Trimethylbenzene	Ave	1.536	1.552		10.1	10.0	1.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188411/2 Calibration Date: 02/14/2023 09:34

Instrument ID: CHW.i Calib Start Date: 01/31/2023 17:02

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/01/2023 00:48

Lab File ID: 54318-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.224	2.233		10.0	10.0	0.4	30.0
1,3-Dichlorobenzene	Ave	0.9627	0.9664		10.0	10.0	0.4	30.0
4-Isopropyltoluene	Ave	1.825	1.858		10.2	10.0	1.8	30.0
1,4-Dichlorobenzene	Ave	0.9379	0.9404		10.0	10.0	0.3	30.0
Benzyl chloride	Ave	1.235	1.309		10.6	10.0	6.0	30.0
n-Butylbenzene	Ave	1.658	1.732		10.4	10.0	4.5	30.0
1,2-Dichlorobenzene	Ave	0.9309	0.9304		9.99	10.0	-0.0	30.0
n-Undecane	Ave	0.9837	1.028		10.5	10.0	4.5	30.0
n-Dodecane	Ave	0.6374	0.6358		9.97	10.0	-0.3	30.0
1,2,4-Trichlorobenzene	Ave	0.5290	0.5199		9.83	10.0	-1.7	30.0
Hexachlorobutadiene	Ave	0.7281	0.7100		9.75	10.0	-2.5	30.0
Naphthalene	Ave	1.110	1.060		9.54	10.0	-4.6	30.0
1,2,3-Trichlorobenzene	Ave	0.4197	0.3995		9.52	10.0	-4.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188486/13 Calibration Date: 02/16/2023 01:49

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54343-13.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	2.639	2.811		10.7	10.0	6.5	30.0
Dichlorodifluoromethane	Ave	8.373	9.028		10.8	10.0	7.8	30.0
Chlorodifluoromethane	Ave	4.986	5.288		10.6	10.0	6.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	7.533	8.225		10.9	10.0	9.2	30.0
Chloromethane	Ave	2.330	2.368		10.2	10.0	1.6	30.0
n-Butane	Ave	2.261	2.864		12.7	10.0	26.7	30.0
Vinyl chloride	Ave	1.761	1.944		11.0	10.0	10.4	30.0
1,3-Butadiene	Ave	1.234	1.267		10.3	10.0	2.7	30.0
Bromomethane	Ave	1.989	2.378		12.0	10.0	19.5	30.0
Chloroethane	Ave	0.9847	1.176		11.9	10.0	19.5	30.0
Isopentane	Ave	2.250	2.532		11.3	10.0	12.5	30.0
Bromoethene(Vinyl Bromide)	Ave	2.003	2.228		11.1	10.0	11.2	30.0
Trichlorofluoromethane	Ave	6.613	7.149		10.8	10.0	8.1	30.0
n-Pentane	Ave	2.975	3.228		10.8	10.0	8.5	30.0
Ethanol	Ave	1.127	0.7000		9.12	14.7	-37.9*	30.0
Ethyl ether	Ave	1.237	1.258		10.2	10.0	1.7	30.0
Acrolein	Ave	0.6243	0.6509		10.4	10.0	4.3	30.0
1,1-Dichloroethene	Ave	1.991	1.878		9.43	10.0	-5.6	30.0
1,1,2-Trichlorotrifluoroethane	Ave	4.036	4.200		10.4	10.0	4.1	30.0
Acetone	Ave	2.901	2.951		10.2	10.0	1.7	30.0
Carbon disulfide	Ave	4.521	4.633		10.2	10.0	2.5	30.0
Isopropyl alcohol	Ave	2.973	2.781		9.35	10.0	-6.5	30.0
Acetonitrile	Ave	0.6589	0.7089		10.8	10.0	7.6	30.0
3-Chloropropene	Ave	2.191	2.003		9.14	10.0	-8.6	30.0
Methylene Chloride	Ave	1.759	1.808		10.3	10.0	2.8	30.0
tert-Butyl alcohol	Ave	3.681	3.584		9.73	10.0	-2.6	30.0
Acrylonitrile	Ave	0.9653	0.9240		9.57	10.0	-4.3	30.0
trans-1,2-Dichloroethene	Ave	2.509	2.483		9.89	10.0	-1.0	30.0
Methyl tert-butyl ether	Ave	5.271	5.413		10.3	10.0	2.7	30.0
n-Hexane	Ave	2.241	2.306		10.3	10.0	2.9	30.0
1,1-Dichloroethane	Ave	3.066	2.982		9.72	10.0	-2.7	30.0
Vinyl acetate	Ave	3.943	4.021		10.2	10.0	2.0	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.8219	0.7764		9.44	10.0	-5.5	30.0
cis-1,2-Dichloroethene	Ave	1.765	1.762		9.98	10.0	-0.1	30.0
Ethyl acetate	Ave	0.1406	0.1463		10.4	10.0	4.0	30.0
Tetrahydrofuran	Ave	0.3177	0.3113		9.80	10.0	-2.0	30.0
Chloroform	Ave	3.954	4.066		10.3	10.0	2.8	30.0
1,1,1-Trichloroethane	Ave	0.9371	0.9794		10.4	10.0	4.5	30.0
Cyclohexane	Ave	0.4502	0.4620		10.3	10.0	2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188486/13 Calibration Date: 02/16/2023 01:49

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54343-13.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	1.058	1.064		10.1	10.0	0.5	30.0
Benzene	Ave	0.9753	0.998		10.2	10.0	2.3	30.0
1,2-Dichloroethane	Ave	0.6465	0.6580		10.2	10.0	1.8	30.0
2,2,4-Trimethylpentane	Ave	1.496	1.511		10.1	10.0	1.0	30.0
n-Heptane	Ave	0.5235	0.5281		10.1	10.0	0.9	30.0
n-Butanol	Ave	0.2271	0.2158		9.50	10.0	-5.0	30.0
Trichloroethene	Ave	0.5112	0.5095		9.97	10.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.3464	0.3532		10.2	10.0	2.0	30.0
Methyl methacrylate	Ave	0.3446	0.3494		10.1	10.0	1.4	30.0
1,4-Dioxane	Ave	0.2337	0.1989		8.51	10.0	-14.9	30.0
Dibromomethane	Ave	0.4502	0.4672		10.4	10.0	3.8	30.0
Bromodichloromethane	Ave	0.8725	0.9222		10.6	10.0	5.7	30.0
cis-1,3-Dichloropropene	Ave	0.6293	0.6833		10.9	10.0	8.6	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.7733	0.7438		9.62	10.0	-3.8	30.0
Toluene	Ave	0.8584	0.8622		10.0	10.0	0.4	30.0
n-Octane	Ave	0.7013	0.7161		10.2	10.0	2.1	30.0
trans-1,3-Dichloropropene	Ave	0.5809	0.6491		11.2	10.0	11.7	30.0
1,1,2-Trichloroethane	Ave	0.4201	0.4154		9.89	10.0	-1.1	30.0
Tetrachloroethene	Ave	0.8695	0.8276		9.52	10.0	-4.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.8545	0.8190		9.58	10.0	-4.2	30.0
Dibromochloromethane	Ave	1.024	1.092		10.7	10.0	6.7	30.0
1,2-Dibromoethane	Ave	0.8197	0.8389		10.2	10.0	2.3	30.0
Chlorobenzene	Ave	1.228	1.266		10.3	10.0	3.1	30.0
Ethylbenzene	Ave	1.970	2.019		10.2	10.0	2.5	30.0
m,p-Xylene	Ave	0.7684	0.7877		20.5	20.0	2.5	30.0
n-Nonane	Ave	0.7985	0.8010		10.0	10.0	0.3	30.0
o-Xylene	Ave	0.7604	0.7740		10.2	10.0	1.8	30.0
Styrene	Ave	1.143	1.204		10.5	10.0	5.3	30.0
Bromoform	Ave	0.9345	1.054		11.3	10.0	12.8	30.0
Cumene	Ave	2.364	2.398		10.1	10.0	1.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.108	1.111		10.0	10.0	0.3	30.0
1,2,3-Trichloropropane	Ave	0.9827	0.9757		9.93	10.0	-0.7	30.0
n-Propylbenzene	Ave	2.714	2.815		10.4	10.0	3.7	30.0
2-Chlorotoluene	Ave	1.777	1.841		10.4	10.0	3.6	30.0
4-Ethyltoluene	Ave	2.297	2.395		10.4	10.0	4.3	30.0
1,3,5-Trimethylbenzene	Ave	2.046	2.044		9.98	10.0	-0.1	30.0
n-Decane	Ave	1.071	1.054		9.83	10.0	-1.6	30.0
Alpha Methyl Styrene	Ave	0.9766	1.031		10.6	10.0	5.6	30.0
tert-Butylbenzene	Ave	2.036	2.017		9.90	10.0	-0.9	30.0
1,2,4-Trimethylbenzene	Ave	2.073	2.053		9.90	10.0	-1.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: ICV 200-188486/13 Calibration Date: 02/16/2023 01:49

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54343-13.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.833	2.794		9.86	10.0	-1.4	30.0
1,3-Dichlorobenzene	Ave	1.382	1.436		10.4	10.0	3.9	30.0
4-Isopropyltoluene	Ave	2.511	2.503		9.97	10.0	-0.3	30.0
1,4-Dichlorobenzene	Ave	1.376	1.442		10.5	10.0	4.8	30.0
Benzyl chloride	Ave	1.650	1.867		11.3	10.0	13.2	30.0
n-Butylbenzene	Ave	2.170	2.222		10.2	10.0	2.4	30.0
1,2-Dichlorobenzene	Ave	1.342	1.362		10.1	10.0	1.5	30.0
n-Undecane	Ave	1.170	1.164		9.95	10.0	-0.5	30.0
n-Dodecane	Ave	1.078	1.132		10.5	10.0	5.0	30.0
1,2,4-Trichlorobenzene	Ave	1.068	1.139		10.7	10.0	6.7	30.0
Hexachlorobutadiene	Ave	1.090	1.143		10.5	10.0	4.8	30.0
Naphthalene	Ave	2.095	2.208		10.5	10.0	5.4	30.0
1,2,3-Trichlorobenzene	Ave	0.9259	0.9900		10.7	10.0	6.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188510/2 Calibration Date: 02/16/2023 10:30

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54358-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	2.639	2.809		10.6	10.0	6.5	30.0
Dichlorodifluoromethane	Ave	8.373	8.771		10.5	10.0	4.8	30.0
Chlorodifluoromethane	Ave	4.986	5.187		10.4	10.0	4.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	7.533	7.883		10.5	10.0	4.6	30.0
Chloromethane	Ave	2.330	2.345		10.1	10.0	0.6	30.0
n-Butane	Ave	2.261	2.191		9.69	10.0	-3.1	30.0
Vinyl chloride	Ave	1.761	1.547		8.79	10.0	-12.1	30.0
1,3-Butadiene	Ave	1.234	1.127		9.13	10.0	-8.7	30.0
Bromomethane	Ave	1.989	1.532		7.70	10.0	-23.0	30.0
Chloroethane	Ave	0.9847	0.7581		7.70	10.0	-23.0	30.0
Isopentane	Ave	2.250	1.587		7.05	10.0	-29.5	30.0
Bromoethene(Vinyl Bromide)	Ave	2.003	1.591		7.94	10.0	-20.6	30.0
Trichlorofluoromethane	Ave	6.613	5.486		8.29	10.0	-17.0	30.0
n-Pentane	Ave	2.975	2.204		7.41	10.0	-25.9	30.0
Ethanol	Ave	1.127	1.140		15.2	15.0	1.1	30.0
Ethyl ether	Ave	1.237	1.244		10.0	10.0	0.5	30.0
Acrolein	Ave	0.6243	0.6337		10.1	10.0	1.5	30.0
1,1-Dichloroethene	Ave	1.991	1.793		9.01	10.0	-9.9	30.0
1,1,2-Trichlorotrifluoroethane	Ave	4.036	3.937		9.75	10.0	-2.4	30.0
Acetone	Ave	2.901	2.825		9.74	10.0	-2.6	30.0
Carbon disulfide	Ave	4.521	4.369		9.66	10.0	-3.4	30.0
Isopropyl alcohol	Ave	2.973	2.911		9.79	10.0	-2.1	30.0
Acetonitrile	Ave	0.6589	0.7350		11.2	10.0	11.6	30.0
3-Chloropropene	Ave	2.191	1.878		8.57	10.0	-14.3	30.0
Methylene Chloride	Ave	1.759	1.679		9.54	10.0	-4.6	30.0
tert-Butyl alcohol	Ave	3.681	3.688		10.0	10.0	0.2	30.0
Acrylonitrile	Ave	0.9653	0.9034		9.36	10.0	-6.4	30.0
trans-1,2-Dichloroethene	Ave	2.509	2.306		9.19	10.0	-8.1	30.0
Methyl tert-butyl ether	Ave	5.271	5.212		9.89	10.0	-1.1	30.0
n-Hexane	Ave	2.241	2.153		9.61	10.0	-3.9	30.0
1,1-Dichloroethane	Ave	3.066	2.760		9.00	10.0	-10.0	30.0
Vinyl acetate	Ave	3.943	3.846		9.75	10.0	-2.5	30.0
cis-1,2-Dichloroethene	Ave	1.765	1.626		9.22	10.0	-7.8	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.8219	0.7637		9.29	10.0	-7.1	30.0
Ethyl acetate	Ave	0.1406	0.1387		9.86	10.0	-1.4	30.0
Tetrahydrofuran	Ave	0.3177	0.2895		9.11	10.0	-8.9	30.0
Chloroform	Ave	3.954	3.785		9.57	10.0	-4.3	30.0
1,1,1-Trichloroethane	Ave	0.9371	0.9012		9.61	10.0	-3.8	30.0
Cyclohexane	Ave	0.4502	0.4222		9.38	10.0	-6.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188510/2 Calibration Date: 02/16/2023 10:30

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54358-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	1.058	0.9765		9.23	10.0	-7.7	30.0
Benzene	Ave	0.9753	0.9154		9.38	10.0	-6.1	30.0
1,2-Dichloroethane	Ave	0.6465	0.6052		9.36	10.0	-6.4	30.0
2,2,4-Trimethylpentane	Ave	1.496	1.376		9.19	10.0	-8.0	30.0
n-Heptane	Ave	0.5235	0.4835		9.23	10.0	-7.6	30.0
n-Butanol	Ave	0.2271	0.2168		9.54	10.0	-4.5	30.0
Trichloroethene	Ave	0.5112	0.4713		9.22	10.0	-7.8	30.0
1,2-Dichloropropane	Ave	0.3464	0.3212		9.27	10.0	-7.3	30.0
Methyl methacrylate	Ave	0.3446	0.3266		9.48	10.0	-5.2	30.0
1,4-Dioxane	Ave	0.2337	0.2127		9.10	10.0	-9.0	30.0
Dibromomethane	Ave	0.4502	0.4379		9.72	10.0	-2.7	30.0
Bromodichloromethane	Ave	0.8725	0.8462		9.70	10.0	-3.0	30.0
cis-1,3-Dichloropropene	Ave	0.6293	0.6412		10.2	10.0	1.9	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.7733	0.6867		8.88	10.0	-11.2	30.0
Toluene	Ave	0.8584	0.7958		9.27	10.0	-7.3	30.0
n-Octane	Ave	0.7013	0.6702		9.55	10.0	-4.4	30.0
trans-1,3-Dichloropropene	Ave	0.5809	0.6208		10.7	10.0	6.9	30.0
1,1,2-Trichloroethane	Ave	0.4201	0.3778		8.99	10.0	-10.1	30.0
Tetrachloroethene	Ave	0.8695	0.7526		8.65	10.0	-13.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.8545	0.7421		8.68	10.0	-13.2	30.0
Dibromochloromethane	Ave	1.024	0.9900		9.67	10.0	-3.3	30.0
1,2-Dibromoethane	Ave	0.8197	0.7663		9.35	10.0	-6.5	30.0
Chlorobenzene	Ave	1.228	1.160		9.44	10.0	-5.6	30.0
Ethylbenzene	Ave	1.970	1.856		9.42	10.0	-5.8	30.0
m,p-Xylene	Ave	0.7684	0.7233		18.8	20.0	-5.9	30.0
n-Nonane	Ave	0.7985	0.7354		9.21	10.0	-7.9	30.0
o-Xylene	Ave	0.7604	0.7031		9.24	10.0	-7.5	30.0
Styrene	Ave	1.143	1.118		9.78	10.0	-2.2	30.0
Bromoform	Ave	0.9345	0.9472		10.1	10.0	1.4	30.0
Cumene	Ave	2.364	2.190		9.26	10.0	-7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.108	0.996		8.98	10.0	-10.1	30.0
1,2,3-Trichloropropane	Ave	0.9827	0.8822		8.98	10.0	-10.2	30.0
n-Propylbenzene	Ave	2.714	2.562		9.44	10.0	-5.6	30.0
2-Chlorotoluene	Ave	1.777	1.687		9.49	10.0	-5.1	30.0
4-Ethyltoluene	Ave	2.297	2.190		9.53	10.0	-4.7	30.0
1,3,5-Trimethylbenzene	Ave	2.046	1.887		9.22	10.0	-7.8	30.0
n-Decane	Ave	1.071	0.9634		8.99	10.0	-10.1	30.0
Alpha Methyl Styrene	Ave	0.9766	0.9546		9.77	10.0	-2.3	30.0
tert-Butylbenzene	Ave	2.036	1.844		9.05	10.0	-9.5	30.0
1,2,4-Trimethylbenzene	Ave	2.073	1.881		9.07	10.0	-9.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Lab Sample ID: CCVIS 200-188510/2 Calibration Date: 02/16/2023 10:30

Instrument ID: CHX.i Calib Start Date: 02/15/2023 16:26

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/15/2023 23:00

Lab File ID: 54358-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.833	2.559		9.03	10.0	-9.7	30.0
1,3-Dichlorobenzene	Ave	1.382	1.310		9.48	10.0	-5.2	30.0
4-Isopropyltoluene	Ave	2.511	2.291		9.12	10.0	-8.8	30.0
1,4-Dichlorobenzene	Ave	1.376	1.314		9.54	10.0	-4.6	30.0
Benzyl chloride	Ave	1.650	1.710		10.4	10.0	3.6	30.0
n-Butylbenzene	Ave	2.170	2.019		9.31	10.0	-6.9	30.0
1,2-Dichlorobenzene	Ave	1.342	1.233		9.19	10.0	-8.1	30.0
n-Undecane	Ave	1.170	1.058		9.05	10.0	-9.5	30.0
n-Dodecane	Ave	1.078	1.042		9.66	10.0	-3.3	30.0
1,2,4-Trichlorobenzene	Ave	1.068	1.018		9.54	10.0	-4.6	30.0
Hexachlorobutadiene	Ave	1.090	1.051		9.63	10.0	-3.6	30.0
Naphthalene	Ave	2.095	1.975		9.43	10.0	-5.7	30.0
1,2,3-Trichlorobenzene	Ave	0.9259	0.8750		9.45	10.0	-5.5	30.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.165	J	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.239	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.0439	J	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.0551	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188367/5

Matrix: Air Lab File ID: 200-54301-005a.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 14:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188411/4

Matrix: Air Lab File ID: 54318-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: | Lab Sample ID: MB 200-188411/4

Matrix: Air | Lab File ID: 54318-004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188411 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188411/4

Matrix: Air Lab File ID: 54318-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188411/4

Matrix: Air Lab File ID: 54318-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188411/4

Matrix: Air Lab File ID: 54318-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188411/4

Matrix: Air Lab File ID: 54318-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 11:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188462/5

Matrix: Air Lab File ID: 200-54336-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188462/5

Matrix: Air Lab File ID: 200-54336-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.249	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.246	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188462/5

Matrix: Air Lab File ID: 200-54336-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188462/5

Matrix: Air Lab File ID: 200-54336-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: | Lab Sample ID: MB 200-188462/5

Matrix: Air | Lab File ID: 200-54336-005.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188462 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.0574	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.0565	J	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188462/5

Matrix: Air Lab File ID: 200-54336-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 11:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188510/4

Matrix: Air Lab File ID: 54358-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: | Lab Sample ID: MB 200-188510/4

Matrix: Air | Lab File ID: 54358-04.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 188510 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188510/4

Matrix: Air Lab File ID: 54358-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188510/4

Matrix: Air Lab File ID: 54358-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188510/4

Matrix: Air Lab File ID: 54358-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: MB 200-188510/4

Matrix: Air Lab File ID: 54358-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 12:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188367/4

Matrix: Air Lab File ID: 200-54301-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	48.8		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	35.7		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	68.9		1.4	0.34
74-87-3	Chloromethane	50.49	20.4		1.0	0.31
106-97-8	n-Butane	58.12	24.2		1.2	0.48
75-01-4	Vinyl chloride	62.50	22.5		0.20	0.054
106-99-0	1,3-Butadiene	54.09	20.3		0.44	0.086
74-83-9	Bromomethane	94.94	37.5		0.78	0.28
75-00-3	Chloroethane	64.52	25.9		1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	42.2		0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	54.9		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	74.9		1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	36.1		0.14	0.10
67-64-1	Acetone	58.08	26.6		12	3.8
67-63-0	Isopropyl alcohol	60.10	27.0		12	3.9
75-15-0	Carbon disulfide	76.14	32.5		1.6	0.40
107-05-1	3-Chloropropene	76.53	31.7		1.6	0.38
75-09-2	Methylene Chloride	84.93	35.9		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	32.3		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	35.8		0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	38.8		0.79	0.091
110-54-3	n-Hexane	86.17	36.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	40.1		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	29.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	36.2		0.20	0.083
67-66-3	Chloroform	119.38	47.8		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	31.9		15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	51.1		1.1	0.24
110-82-7	Cyclohexane	84.16	33.3		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	61.7		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	48.2		0.93	0.18
71-43-2	Benzene	78.11	29.4		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188367/4

Matrix: Air Lab File ID: 200-54301-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	39.2		0.81	0.38
142-82-5	n-Heptane	100.21	44.4		0.82	0.23
79-01-6	Trichloroethene	131.39	50.7		0.19	0.13
80-62-6	Methyl methacrylate	100.12	40.7		2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	43.7		0.92	0.43
123-91-1	1,4-Dioxane	88.11	32.8		18	4.7
75-27-4	Bromodichloromethane	163.83	66.1		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	44.3		0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	41.7		2.0	0.53
108-88-3	Toluene	92.14	35.5		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	45.6		0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	52.6		1.1	0.40
127-18-4	Tetrachloroethene	165.83	60.0		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	43.1		2.0	0.61
124-48-1	Dibromochloromethane	208.28	82.5		1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	73.9		1.5	0.32
108-90-7	Chlorobenzene	112.56	44.0		0.92	0.20
100-41-4	Ethylbenzene	106.17	42.0		0.87	0.23
179601-23-1	m,p-Xylene	106.17	87.9		2.2	0.41
95-47-6	o-Xylene	106.17	41.8		0.87	0.23
100-42-5	Styrene	104.15	46.6		0.85	0.25
75-25-2	Bromoform	252.75	106		2.1	1.2
98-82-8	Cumene	120.19	49.0		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	67.2		1.4	0.30
103-65-1	n-Propylbenzene	120.19	49.5		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	49.7		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	48.9		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	52.6		1.0	0.24
98-06-6	tert-Butylbenzene	134.22	51.8		1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	48.0		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	53.0		1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	53.7		1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188367/4

Matrix: Air Lab File ID: 200-54301-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/11/2023 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188367 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	59.2		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	60.1		1.2	0.54
100-44-7	Benzyl chloride	126.58	56.3		1.0	0.46
104-51-8	n-Butylbenzene	134.22	54.4		1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	59.3		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	87.8		3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	110		2.1	1.2
91-20-3	Naphthalene	128.17	66.2		2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188411/3

Matrix: Air Lab File ID: 54318-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 10:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	58.2		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	43.2		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	79.4		1.4	0.34
74-87-3	Chloromethane	50.49	25.4		1.0	0.31
106-97-8	n-Butane	58.12	28.3		1.2	0.48
75-01-4	Vinyl chloride	62.50	28.1		0.20	0.054
106-99-0	1,3-Butadiene	54.09	24.1		0.44	0.086
74-83-9	Bromomethane	94.94	43.6		0.78	0.28
75-00-3	Chloroethane	64.52	31.2		1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	49.1		0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	62.3		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	83.8		1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	42.0		0.14	0.10
67-64-1	Acetone	58.08	28.8		12	3.8
67-63-0	Isopropyl alcohol	60.10	27.9		12	3.9
75-15-0	Carbon disulfide	76.14	35.1		1.6	0.40
107-05-1	3-Chloropropene	76.53	33.5		1.6	0.38
75-09-2	Methylene Chloride	84.93	39.6		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	33.4		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	39.6		0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	43.9		0.79	0.091
110-54-3	n-Hexane	86.17	38.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	43.6		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	32.5		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	42.4		0.20	0.083
67-66-3	Chloroform	119.38	53.4		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	35.7		15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	62.5		1.1	0.24
110-82-7	Cyclohexane	84.16	38.8		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	71.5		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	53.1		0.93	0.18
71-43-2	Benzene	78.11	35.4		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188411/3

Matrix: Air Lab File ID: 54318-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 10:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	47.0		0.81	0.38
142-82-5	n-Heptane	100.21	47.8		0.82	0.23
79-01-6	Trichloroethene	131.39	59.9		0.19	0.13
80-62-6	Methyl methacrylate	100.12	47.5		2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	50.9		0.92	0.43
123-91-1	1,4-Dioxane	88.11	40.7		18	4.7
75-27-4	Bromodichloromethane	163.83	75.9		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	51.6		0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	48.5		2.0	0.53
108-88-3	Toluene	92.14	41.2		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	52.7		0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	61.3		1.1	0.40
127-18-4	Tetrachloroethene	165.83	73.1		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	50.6		2.0	0.61
124-48-1	Dibromochloromethane	208.28	97.9		1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	86.7		1.5	0.32
108-90-7	Chlorobenzene	112.56	50.4		0.92	0.20
100-41-4	Ethylbenzene	106.17	48.3		0.87	0.23
179601-23-1	m,p-Xylene	106.17	95.8		2.2	0.41
95-47-6	o-Xylene	106.17	47.8		0.87	0.23
100-42-5	Styrene	104.15	49.5		0.85	0.25
75-25-2	Bromoform	252.75	122		2.1	1.2
98-82-8	Cumene	120.19	54.9		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	78.0		1.4	0.30
103-65-1	n-Propylbenzene	120.19	55.6		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	56.4		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	55.7		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	57.2		1.0	0.24
98-06-6	tert-Butylbenzene	134.22	61.6		1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	56.6		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	62.5		1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	63.5		1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188411/3

Matrix: Air Lab File ID: 54318-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/14/2023 10:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188411 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	69.2		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	68.9		1.2	0.54
100-44-7	Benzyl chloride	126.58	63.2		1.0	0.46
104-51-8	n-Butylbenzene	134.22	65.1		1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	68.1		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	82.0		3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	117		2.1	1.2
91-20-3	Naphthalene	128.17	55.6		2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188462/4

Matrix: Air Lab File ID: 200-54336-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 10:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	54.4		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	38.0		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	72.0		1.4	0.34
74-87-3	Chloromethane	50.49	20.3		1.0	0.31
106-97-8	n-Butane	58.12	25.7		1.2	0.48
75-01-4	Vinyl chloride	62.50	23.2		0.20	0.054
106-99-0	1,3-Butadiene	54.09	21.2		0.44	0.086
74-83-9	Bromomethane	94.94	37.0		0.78	0.28
75-00-3	Chloroethane	64.52	24.8		1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	42.7		0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	58.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	75.1		1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	35.8		0.14	0.10
67-64-1	Acetone	58.08	27.8		12	3.8
67-63-0	Isopropyl alcohol	60.10	28.6		12	3.9
75-15-0	Carbon disulfide	76.14	30.7		1.6	0.40
107-05-1	3-Chloropropene	76.53	30.3		1.6	0.38
75-09-2	Methylene Chloride	84.93	34.6		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	35.5		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	37.2		0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	37.6		0.79	0.091
110-54-3	n-Hexane	86.17	34.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	39.1		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	29.0		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	35.6		0.20	0.083
67-66-3	Chloroform	119.38	47.2		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	34.1		15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	57.2		1.1	0.24
110-82-7	Cyclohexane	84.16	33.0		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	69.3		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	46.7		0.93	0.18
71-43-2	Benzene	78.11	28.9		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188462/4

Matrix: Air Lab File ID: 200-54336-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 10:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	42.8		0.81	0.38
142-82-5	n-Heptane	100.21	42.8		0.82	0.23
79-01-6	Trichloroethene	131.39	52.2		0.19	0.13
80-62-6	Methyl methacrylate	100.12	39.2		2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	41.4		0.92	0.43
123-91-1	1,4-Dioxane	88.11	38.6		18	4.7
75-27-4	Bromodichloromethane	163.83	68.0		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	43.2		0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	43.7		2.0	0.53
108-88-3	Toluene	92.14	35.5		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	45.7		0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	50.9		1.1	0.40
127-18-4	Tetrachloroethene	165.83	64.4		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	45.7		2.0	0.61
124-48-1	Dibromochloromethane	208.28	84.9		1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	73.8		1.5	0.32
108-90-7	Chlorobenzene	112.56	43.9		0.92	0.20
100-41-4	Ethylbenzene	106.17	42.7		0.87	0.23
179601-23-1	m,p-Xylene	106.17	91.2		2.2	0.41
95-47-6	o-Xylene	106.17	43.2		0.87	0.23
100-42-5	Styrene	104.15	47.5		0.85	0.25
75-25-2	Bromoform	252.75	106		2.1	1.2
98-82-8	Cumene	120.19	52.3		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	64.6		1.4	0.30
103-65-1	n-Propylbenzene	120.19	51.6		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	52.5		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	52.9		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	54.9		1.0	0.24
98-06-6	tert-Butylbenzene	134.22	57.1		1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	52.3		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	56.1		1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	57.6		1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188462/4

Matrix: Air Lab File ID: 200-54336-004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/15/2023 10:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188462 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	63.5		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	63.6		1.2	0.54
100-44-7	Benzyl chloride	126.58	57.0		1.0	0.46
104-51-8	n-Butylbenzene	134.22	57.3		1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	63.5		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	94.7		3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	123		2.1	1.2
91-20-3	Naphthalene	128.17	73.0		2.6	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188510/3

Matrix: Air Lab File ID: 54358-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 11:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	53.4		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	36.7		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	75.8		1.4	0.34
74-87-3	Chloromethane	50.49	20.2		1.0	0.31
106-97-8	n-Butane	58.12	24.9		1.2	0.48
75-01-4	Vinyl chloride	62.50	23.9		0.20	0.054
106-99-0	1,3-Butadiene	54.09	22.7		0.44	0.086
74-83-9	Bromomethane	94.94	45.3		0.78	0.28
75-00-3	Chloroethane	64.52	31.2		1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	106.96	48.0		0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	60.1		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	77.2		1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	36.3		0.14	0.10
67-64-1	Acetone	58.08	23.9		12	3.8
67-63-0	Isopropyl alcohol	60.10	22.4		12	3.9
75-15-0	Carbon disulfide	76.14	30.7		1.6	0.40
107-05-1	3-Chloropropene	76.53	27.0		1.6	0.38
75-09-2	Methylene Chloride	84.93	33.9		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	28.7		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	36.5		0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	37.6		0.79	0.091
110-54-3	n-Hexane	86.17	34.7		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	37.8		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	27.9		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	38.1		0.20	0.083
67-66-3	Chloroform	119.38	49.0		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	27.6		15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	56.3		1.1	0.24
110-82-7	Cyclohexane	84.16	34.1		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	62.2		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	45.1		0.93	0.18
71-43-2	Benzene	78.11	31.6		0.64	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188510/3

Matrix: Air Lab File ID: 54358-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 11:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	39.5		0.81	0.38
142-82-5	n-Heptane	100.21	39.7		0.82	0.23
79-01-6	Trichloroethene	131.39	52.2		0.19	0.13
80-62-6	Methyl methacrylate	100.12	40.7		2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	45.3		0.92	0.43
123-91-1	1,4-Dioxane	88.11	30.1		18	4.7
75-27-4	Bromodichloromethane	163.83	69.4		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	48.8		0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	38.1		2.0	0.53
108-88-3	Toluene	92.14	36.5		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	51.3		0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	51.5		1.1	0.40
127-18-4	Tetrachloroethene	165.83	62.3		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	37.7		2.0	0.61
124-48-1	Dibromochloromethane	208.28	88.2		1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	76.2		1.5	0.32
108-90-7	Chlorobenzene	112.56	45.9		0.92	0.20
100-41-4	Ethylbenzene	106.17	43.4		0.87	0.23
179601-23-1	m,p-Xylene	106.17	86.8		2.2	0.41
95-47-6	o-Xylene	106.17	42.5		0.87	0.23
100-42-5	Styrene	104.15	44.0		0.85	0.25
75-25-2	Bromoform	252.75	114		2.1	1.2
98-82-8	Cumene	120.19	48.1		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	65.0		1.4	0.30
103-65-1	n-Propylbenzene	120.19	49.1		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	49.5		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	47.2		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	51.9		1.0	0.24
98-06-6	tert-Butylbenzene	134.22	52.4		1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	46.6		0.98	0.39
135-98-8	sec-Butylbenzene	134.22	52.1		1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	52.7		1.1	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Client Sample ID: Lab Sample ID: LCS 200-188510/3

Matrix: Air Lab File ID: 54358-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/16/2023 11:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 188510 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	60.6		1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	60.9		1.2	0.54
100-44-7	Benzyl chloride	126.58	58.8		1.0	0.46
104-51-8	n-Butylbenzene	134.22	53.6		1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	58.5		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	75.4		3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	109		2.1	1.2
91-20-3	Naphthalene	128.17	52.9		2.6	1.6

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Start Date: 02/08/2023 14:45

Analysis Batch Number: 188264 End Date: 02/09/2023 06:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188264/1		02/08/2023 14:45	1	200-54269-001.D	RTX-624 0.32(mm)
IC 200-188264/4		02/08/2023 17:19	1	200-54269-004.D	RTX-624 0.32(mm)
IC 200-188264/5		02/08/2023 18:11	1	200-54269-005.D	RTX-624 0.32(mm)
IC 200-188264/6		02/08/2023 19:04	1	200-54269-006.D	RTX-624 0.32(mm)
IC 200-188264/7		02/08/2023 19:56	1	200-54269-007.D	RTX-624 0.32(mm)
ICIS 200-188264/8		02/08/2023 20:49	1	200-54269-008.D	RTX-624 0.32(mm)
IC 200-188264/9		02/08/2023 21:41	1	200-54269-009.D	RTX-624 0.32(mm)
IC 200-188264/12		02/09/2023 00:19	1	200-54269-012.D	RTX-624 0.32(mm)
IC 200-188264/13		02/09/2023 01:11	1	200-54269-013.D	RTX-624 0.32(mm)
ZZZZZ		02/09/2023 03:49	1		RTX-624 0.32(mm)
ICV 200-188264/17		02/09/2023 04:42	1	200-54269-017.D	RTX-624 0.32(mm)
ZZZZZ		02/09/2023 06:27	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Start Date: 02/11/2023 10:00

Analysis Batch Number: 188367 End Date: 02/12/2023 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188367/1		02/11/2023 10:00	1	200-54301-001.D	RTX-624 0.32(mm)
CCVIS 200-188367/2		02/11/2023 10:48	1	200-54301-002.D	RTX-624 0.32(mm)
LCS 200-188367/4		02/11/2023 12:33	1	200-54301-004.D	RTX-624 0.32(mm)
MB 200-188367/5		02/11/2023 14:58	1	200-54301-005a.D	RTX-624 0.32(mm)
ZZZZZ		02/11/2023 15:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/11/2023 16:43	6		RTX-624 0.32(mm)
200-66741-1	EW-1	02/11/2023 17:36	1	200-54301-008.D	RTX-624 0.32(mm)
200-66741-2	IA-1	02/11/2023 18:28	1	200-54301-009.D	RTX-624 0.32(mm)
200-66741-3	EW-2	02/11/2023 19:21	1	200-54301-010.D	RTX-624 0.32(mm)
200-66741-4	IA-2	02/11/2023 20:14	1	200-54301-011.D	RTX-624 0.32(mm)
200-66741-6	IA-3	02/11/2023 21:07	1	200-54301-012.D	RTX-624 0.32(mm)
200-66741-7	EW-4	02/11/2023 22:00	1	200-54301-013.D	RTX-624 0.32(mm)
200-66741-8	IA-4	02/11/2023 22:53	1	200-54301-014.D	RTX-624 0.32(mm)
200-66741-9	EW-5	02/11/2023 23:46	1	200-54301-015.D	RTX-624 0.32(mm)
ZZZZZ		02/12/2023 00:39	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 01:32	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 02:25	4		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 03:18	20		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 04:11	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 05:04	2		RTX-624 0.32(mm)
ZZZZZ		02/12/2023 05:57	1		RTX-624 0.32(mm)
200-66741-10	IA-5	02/12/2023 06:50	1	200-54301-023.D	RTX-624 0.32(mm)
200-66741-11	EW-5D	02/12/2023 07:43	1	200-54301-024.D	RTX-624 0.32(mm)
200-66741-12	IA-5D	02/12/2023 08:35	1	200-54301-025.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHG.i Start Date: 02/15/2023 08:18

Analysis Batch Number: 188462 End Date: 02/16/2023 06:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188462/1		02/15/2023 08:18	1	200-54336-001.D	RTX-624 0.32(mm)
CCVIS 200-188462/2		02/15/2023 09:05	1		RTX-624 0.32(mm)
CCVIS 200-188462/3		02/15/2023 09:58	1	200-54336-003.D	RTX-624 0.32(mm)
LCS 200-188462/4		02/15/2023 10:50	1	200-54336-004.D	RTX-624 0.32(mm)
MB 200-188462/5		02/15/2023 11:43	1	200-54336-005.D	RTX-624 0.32(mm)
ZZZZZ		02/15/2023 12:37	0.2		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 13:30	1		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 14:23	4		RTX-624 0.32(mm)
200-66741-26	B-1	02/15/2023 15:16	1	200-54336-009.D	RTX-624 0.32(mm)
200-66741-27	B-2	02/15/2023 16:08	1	200-54336-010.D	RTX-624 0.32(mm)
ZZZZZ		02/15/2023 17:01	1.56		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 17:54	1.74		RTX-624 0.32(mm)
200-66741-30	EW-3B	02/15/2023 18:46	1	200-54336-013.D	RTX-624 0.32(mm)
ZZZZZ		02/15/2023 19:39	2		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 20:31	2		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 21:24	10		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 22:17	10		RTX-624 0.32(mm)
ZZZZZ		02/15/2023 23:09	10		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 00:02	10		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 00:54	10		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 01:47	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 02:39	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 03:33	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 04:26	10		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 05:19	10		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 06:12	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Start Date: 01/31/2023 14:27

Analysis Batch Number: 187989 End Date: 02/01/2023 06:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-187989/1		01/31/2023 14:27	1	54170-001.d	RTX-624 0.32(mm)
IC 200-187989/4		01/31/2023 17:02	1	54170-004.d	RTX-624 0.32(mm)
IC 200-187989/5		01/31/2023 17:54	1	54170-005.d	RTX-624 0.32(mm)
IC 200-187989/6		01/31/2023 18:46	1	54170-006.d	RTX-624 0.32(mm)
IC 200-187989/7		01/31/2023 19:38	1	54170-007.d	RTX-624 0.32(mm)
ICIS 200-187989/8		01/31/2023 20:30	1	54170-008.d	RTX-624 0.32(mm)
IC 200-187989/9		01/31/2023 21:21	1	54170-009.d	RTX-624 0.32(mm)
IC 200-187989/12		01/31/2023 23:57	1	54170-012.d	RTX-624 0.32(mm)
IC 200-187989/13		02/01/2023 00:48	1	54170-013.d	RTX-624 0.32(mm)
ICV 200-187989/16		02/01/2023 03:25	1	54170-016.d	RTX-624 0.32(mm)
ZZZZZ		02/01/2023 06:53	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHW.i Start Date: 02/14/2023 08:37

Analysis Batch Number: 188411 End Date: 02/15/2023 07:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188411/1		02/14/2023 08:37	1	54318-001.d	RTX-624 0.32(mm)
CCVIS 200-188411/2		02/14/2023 09:34	1	54318-002.d	RTX-624 0.32(mm)
LCS 200-188411/3		02/14/2023 10:30	1	54318-003.d	RTX-624 0.32(mm)
MB 200-188411/4		02/14/2023 11:26	1	54318-004.d	RTX-624 0.32(mm)
ZZZZZ		02/14/2023 12:21	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 13:18	1		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 14:11	4		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 15:04	2		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 15:56	2		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 16:51	2		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 17:44	10		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 18:36	30		RTX-624 0.32(mm)
ZZZZZ		02/14/2023 19:34	1		RTX-624 0.32(mm)
200-66741-13	EW-6	02/14/2023 20:32	1	54318-014.d	RTX-624 0.32(mm)
200-66741-14	IA-6	02/14/2023 21:29	1	54318-015.d	RTX-624 0.32(mm)
200-66741-15	EW-7	02/14/2023 22:28	1	54318-016.d	RTX-624 0.32(mm)
200-66741-16	IA-7	02/14/2023 23:26	1	54318-017.d	RTX-624 0.32(mm)
200-66741-17	EW-8	02/15/2023 00:23	1	54318-018.d	RTX-624 0.32(mm)
200-66741-18	IA-8	02/15/2023 01:22	1	54318-019.d	RTX-624 0.32(mm)
200-66741-19	IA-9	02/15/2023 02:21	1	54318-020.d	RTX-624 0.32(mm)
200-66741-20	IA-10	02/15/2023 03:18	1	54318-021.d	RTX-624 0.32(mm)
200-66741-21	OA-1	02/15/2023 04:16	1	54318-022.d	RTX-624 0.32(mm)
200-66741-22	OA-2	02/15/2023 05:13	1	54318-023.d	RTX-624 0.32(mm)
200-66741-24	OA-2DB	02/15/2023 06:13	1	54318-024.d	RTX-624 0.32(mm)
200-66741-25	OA-3	02/15/2023 07:11	1	54318-025.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHX.i Start Date: 02/15/2023 14:34

Analysis Batch Number: 188486 End Date: 02/16/2023 01:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188486/1		02/15/2023 14:34	1	54343-01.D	RTX-624 0.32(mm)
IC 200-188486/3		02/15/2023 16:26	1	54343-03.D	RTX-624 0.32(mm)
IC 200-188486/4		02/15/2023 17:22	1	54343-04.D	RTX-624 0.32(mm)
IC 200-188486/5		02/15/2023 18:19	1	54343-05.D	RTX-624 0.32(mm)
IC 200-188486/6		02/15/2023 19:15	1	54343-06.D	RTX-624 0.32(mm)
ICIS 200-188486/7		02/15/2023 20:12	1	54343-07.D	RTX-624 0.32(mm)
IC 200-188486/8		02/15/2023 21:08	1	54343-08.D	RTX-624 0.32(mm)
IC 200-188486/9		02/15/2023 22:04	1	54343-09.D	RTX-624 0.32(mm)
IC 200-188486/10		02/15/2023 23:00	1	54343-10.D	RTX-624 0.32(mm)
ICV 200-188486/13		02/16/2023 01:49	1	54343-13.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Instrument ID: CHX.i Start Date: 02/16/2023 09:33

Analysis Batch Number: 188510 End Date: 02/17/2023 08:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-188510/1		02/16/2023 09:33	1	54358-01.D	RTX-624 0.32(mm)
CCVIS 200-188510/2		02/16/2023 10:30	1	54358-02.D	RTX-624 0.32(mm)
LCS 200-188510/3		02/16/2023 11:27	1	54358-03.D	RTX-624 0.32(mm)
MB 200-188510/4		02/16/2023 12:24	1	54358-04.D	RTX-624 0.32(mm)
ZZZZZ		02/16/2023 13:35	0.2		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 14:33	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 15:30	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 16:26	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 17:23	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 18:20	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 19:17	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 20:14	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 21:10	2		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 22:07	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 23:03	1		RTX-624 0.32(mm)
ZZZZZ		02/16/2023 23:58	2		RTX-624 0.32(mm)
200-66741-28	B-3	02/17/2023 00:57	1	54358-17.D	RTX-624 0.32(mm)
200-66741-29	B-3D	02/17/2023 01:57	1	54358-18.D	RTX-624 0.32(mm)
ZZZZZ		02/17/2023 02:52	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 03:48	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 04:44	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 05:40	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 06:36	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 07:31	10		RTX-624 0.32(mm)
ZZZZZ		02/17/2023 08:28	133		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 187989 Batch Start Date: 01/31/23 14:27 Batch Analyst: Cunningham, Caroline R

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00251	ATTO15CAL2w 00328	ATTO15CAL3w 00259	ATTO15CAL4w 00800
BFB 200-187989/1		TO-15		200 mL	200 mL				
IC 200-187989/4		TO-15		200 mL	200 mL	35 mL			
IC 200-187989/5		TO-15		200 mL	200 mL	200 mL			
IC 200-187989/6		TO-15		200 mL	200 mL		200 mL		
IC 200-187989/7		TO-15		200 mL	200 mL			200 mL	
ICIS 200-187989/8		TO-15		200 mL	200 mL				200 mL
IC 200-187989/9		TO-15		200 mL	200 mL				
IC 200-187989/12		TO-15		200 mL	200 mL				
IC 200-187989/13		TO-15		200 mL	200 mL				
ICV 200-187989/16		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00128	ATTO15CAL6w 00215	ATTO15CAL7w 00128	ATTO15LCSW 00853	ATTO15WISs 00010	
BFB 200-187989/1		TO-15						20 mL	
IC 200-187989/4		TO-15						20 mL	
IC 200-187989/5		TO-15						20 mL	
IC 200-187989/6		TO-15						20 mL	
IC 200-187989/7		TO-15						20 mL	
ICIS 200-187989/8		TO-15						20 mL	
IC 200-187989/9		TO-15		200 mL				20 mL	
IC 200-187989/12		TO-15			200 mL			20 mL	
IC 200-187989/13		TO-15				200 mL		20 mL	
ICV 200-187989/16		TO-15					200 mL	20 mL	

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 187989 Batch Start Date: 01/31/23 14:27 Batch Analyst: Cunningham, Caroline R

Batch Method: TO-15 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188264 Batch Start Date: 02/08/23 14:45 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00251	ATTO15CAL2w 00328	ATTO15CAL3w 00259	ATTO15CAL4w 00800
BFB 200-188264/1		TO-15		200 mL	200 mL				
IC 200-188264/4		TO-15		200 mL	200 mL	35 mL			
IC 200-188264/5		TO-15		200 mL	200 mL	200 mL			
IC 200-188264/6		TO-15		200 mL	200 mL		200 mL		
IC 200-188264/7		TO-15		200 mL	200 mL			200 mL	
ICIS 200-188264/8		TO-15		200 mL	200 mL				200 mL
IC 200-188264/9		TO-15		200 mL	200 mL				
IC 200-188264/12		TO-15		200 mL	200 mL				
IC 200-188264/13		TO-15		200 mL	200 mL				
ICV 200-188264/17		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00128	ATTO15CAL6w 00215	ATTO15CAL7w 00128	ATTO15GIS 00019	ATTO15LCSW 00855	
BFB 200-188264/1		TO-15					20 mL		
IC 200-188264/4		TO-15					20 mL		
IC 200-188264/5		TO-15					20 mL		
IC 200-188264/6		TO-15					20 mL		
IC 200-188264/7		TO-15					20 mL		
ICIS 200-188264/8		TO-15					20 mL		
IC 200-188264/9		TO-15			200 mL		20 mL		
IC 200-188264/12		TO-15		200 mL			20 mL		
IC 200-188264/13		TO-15				200 mL	20 mL		
ICV 200-188264/17		TO-15					20 mL	200 mL	

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188264 Batch Start Date: 02/08/23 14:45 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188367 Batch Start Date: 02/11/23 10:00 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00800	ATTO15GIS 00019	ATTO15LCSW 00855	
BFB 200-188367/1		TO-15		200 mL	200 mL		20 mL		
CCVIS 200-188367/2		TO-15		200 mL	200 mL	200 mL	20 mL		
LCS 200-188367/4		TO-15		200 mL	200 mL		20 mL	200 mL	
MB 200-188367/5		TO-15		200 mL	200 mL		20 mL		
200-66741-A-1	EW-1	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-2	IA-1	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-3	EW-2	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-4	IA-2	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-6	IA-3	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-7	EW-4	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-8	IA-4	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-9	EW-5	TO-15	T	414 mL	200 mL		20 mL		
200-66741-A-10	IA-5	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-11	EW-5D	TO-15	T	200 mL	200 mL		20 mL		
200-66741-A-12	IA-5D	TO-15	T	200 mL	200 mL		20 mL		

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188411 Batch Start Date: 02/14/23 08:37 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00800	ATTO15LCSW 00854	ATTO15WISs 00010	
BFB 200-188411/1		TO-15		200 mL	200 mL			20 mL	
CCVIS 200-188411/2		TO-15		200 mL	200 mL	200 mL		20 mL	
LCS 200-188411/3		TO-15		200 mL	200 mL		200 mL	20 mL	
MB 200-188411/4		TO-15		200 mL	200 mL			20 mL	
200-66741-A-13	EW-6	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-14	IA-6	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-15	EW-7	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-16	IA-7	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-17	EW-8	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-18	IA-8	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-19	IA-9	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-20	IA-10	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-21	OA-1	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-22	OA-2	TO-15	T	200 mL	200 mL			20 mL	
200-66741-A-24	OA-2DB	TO-15	T	276 mL	200 mL			20 mL	
200-66741-A-25	OA-3	TO-15	T	200 mL	200 mL			20 mL	

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188462 Batch Start Date: 02/15/23 08:18 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00800	ATTO15GIS 00019	ATTO15LCSW 00855	
BFB 200-188462/1		TO-15		200 mL	200 mL		20 mL		
CCVIS 200-188462/3		TO-15		200 mL	200 mL	200 mL	20 mL		
LCS 200-188462/4		TO-15		200 mL	200 mL		20 mL	200 mL	
MB 200-188462/5		TO-15		200 mL	200 mL		20 mL		
200-66741-A-26	B-1	TO-15	T	378 mL	200 mL		20 mL		
200-66741-A-27	B-2	TO-15	T	262 mL	200 mL		20 mL		
200-66741-A-30	EW-3B	TO-15	T	200 mL	200 mL		20 mL		

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188486 Batch Start Date: 02/15/23 14:34 Batch Analyst: Desjardins, William R

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00251	ATTO15CAL2w 00328	ATTO15CAL3w 00259	ATTO15CAL4w 00800
BFB 200-188486/1		TO-15		200 mL	200 mL				
IC 200-188486/3		TO-15		200 mL	200 mL	35 mL			
IC 200-188486/4		TO-15		200 mL	200 mL	200 mL			
IC 200-188486/5		TO-15		200 mL	200 mL		200 mL		
IC 200-188486/6		TO-15		200 mL	200 mL			200 mL	
ICIS 200-188486/7		TO-15		200 mL	200 mL				200 mL
IC 200-188486/8		TO-15		200 mL	200 mL				
IC 200-188486/9		TO-15		200 mL	200 mL				
IC 200-188486/10		TO-15		200 mL	200 mL				
ICV 200-188486/13		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00128	ATTO15CAL6w 00215	ATTO15CAL7w 00128	ATTO15LCSW 00854	ATTO15XISs 00003	
BFB 200-188486/1		TO-15						20 mL	
IC 200-188486/3		TO-15						20 mL	
IC 200-188486/4		TO-15						20 mL	
IC 200-188486/5		TO-15						20 mL	
IC 200-188486/6		TO-15						20 mL	
ICIS 200-188486/7		TO-15						20 mL	
IC 200-188486/8		TO-15		200 mL				20 mL	
IC 200-188486/9		TO-15			200 mL			20 mL	
IC 200-188486/10		TO-15				200 mL		20 mL	
ICV 200-188486/13		TO-15					200 mL	20 mL	

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188486 Batch Start Date: 02/15/23 14:34 Batch Analyst: Desjardins, William R

Batch Method: TO-15 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-66741-1

SDG No.: 200-66741-1

Batch Number: 188510 Batch Start Date: 02/16/23 09:33 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00800	ATTO15LCSW 00854	ATTO15XISs 00003	
BFB 200-188510/1		TO-15		200 mL	200 mL			20 mL	
CCVIS 200-188510/2		TO-15		200 mL	200 mL	200 mL		20 mL	
LCS 200-188510/3		TO-15		200 mL	200 mL		200 mL	20 mL	
MB 200-188510/4		TO-15		200 mL	200 mL			20 mL	
200-66741-A-28	B-3	TO-15	T	312 mL	200 mL			20 mL	
200-66741-A-29	B-3D	TO-15	T	348 mL	200 mL			20 mL	

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.

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID		*PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)*						
1/3/23			22.0	29.6	F9		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
4998	8hr	10.2	27	27	28	28							
3120		10.2	27	27	25	25	10.8	26	26	28	28	2	
3948		10.0	27	27	27	27							
3063		10.2	27	27	28	28							
3480		10.2	27	27	28	28							
~~4154~~		10.0	27	27	27	27							
4178		10.2	27	27	24	24							
2662		10.1	27	27	28	28							
6561		10.1	27	27	26	26							
4046		9.9	27	27	22	22							
3936		10.2	27	27	27	27							
4993		10.1	27	27	26	26	11.1	28	28	28	28	3	
3943		10.0	27	27	25	25	10.5	28	28	28	28	3	
2773		10.1	27	27	27	27	4.7	28	28	28	28	3	
3099		10.1	27	27	26	26	11.7	28	28	28	28	3	
3184		10.1	27	27	26	26							
3222		10.1	27	27	26	26	10.4	26	26	26	26	2/1	
8920		10.2	27	27	27	27							
8863		10.2	27	27	27	27	8.7	28	28	28	28	3	

1/3/23 3750

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/27/23	JR	25	29.8		5					
2	1/28/23	JR	22	29.7	F9	6					
3	2/7/23	JR	23	29.9	F9	7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check								Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID			PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/4/23		[illegible]	22.0	29.6	F9			Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
2768	9hr	10.1	27	27	24	24								
3744		10.2	27	27	29	29								
4523		10.1	27	27	25	25								
4031		10.1	27	27	30	30		9.6	28	28	30	30	1	
4937		10.2	27	27	29	29								
6012		10.2	27	27	25	25								
4734	11hr	81.0	27	27	24	24								
3607		81.0	27	27	25	25								
3961		81.0	27	27	25	25								
3132		80.4	27	27	25	25								
4058		81.0	27	27	25	25								
3134		80.8	27	27	22	22								
3963		81.0	27	27	28	28								
4991		80.7	27	27	24	24								
2775		80.2	27	27	26	26								
4528		80.3	27	27	27	27								
3169		80.6	27	27	26	26								
3718		80.9	27	27	26	26								
2939		80.0	27	27	27	27								

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/7/23	JR	23	29.9	F9	5					
2						6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check									Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID				PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/9/23			27.0	29.5	FQ										
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge				Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)				Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
6642	24hr	177	27	27	27	27									
3375		3.3	27	27	25	25									
3855		3.3	27	27	23	23									
7521		3.3	27	27	24	24									
4735		3.3	27	27	26	26									
3384		3.2	27	27	27	27									
5203		3.4	27	27	26	26									
3749		3.2	27	27	28	28									
6053		3.2	27	27	28	28									
2925		3.3	27	27	28	28									
4203		3.4	27	27	26	26									
3854		3.3	27	27	26	26									
4529		3.3	27	27	26	26									
5178		3.4	27	27	28	28									
2832		3.3	27	27	28	28									
5016		3.2	27	27	28	28									
3650		3.4	27	27	25	25			3.1	28	26	26	26	1	
6230		3.1	27	27	27	27									
4035	8hr	10.1	27	27	28	28			11.3	27	27	30	30	2	

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/20/23	ZL	23	29.8	FQ	5					
2	2/7/23	JR	23	29.9	FQ	6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID		PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
1/9/23		JR	22.0	29.5	F5								
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
3048	8hr	10.1	27	27	26	26							
4503		10.2	27	27	24	24							
3575		10.2	27	27	25	25							
5244		10.1	27	27	26	26	10.6	28	28	29	29	1	
3121		10.0	27	27	25	25	10.4	27	27	26	26	1	
3954		10.1	27	27	24	24							
3105		10.2	27	27	26	26	8.8	28	28	28	28	1	
3114		10.1	27	27	28	28							
3443		10.2	27	27	28	28							
3951		10.1	27	27	22	22							
3062		10.1	27	27	24	24	10.2	27	27	24	24	1	
3786		10.2	27	27	26	26							
4501		10.2	27	27	22	22	10.9	28	28	18	18	1	
4748		10.2	27	27	25	25							
3175		10.0	27	27	25	25							
4050	1Lvial	3.6	27	27	26	26							
3098		13.7	27	27	26	26							
4057		13.5	27	27	26	26							
5110		13.6	27	27	23	23							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/7/23	JR	23	29.9	F9	5					
2						6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID		PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
2/2/23			22.0	29.6	F9								
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
3022	24hr	3.4	27	27	26	26							
3087		3.3	27	27	26	26							
6559	12hr	6.6	27	27	22	22							
7258	Winter	2.9	27	27	23	23							
3742		2.9	27	27	25	25							
3558		2.9	27	27	26	26							
3713		2.7	27	27	28	28							
4144		2.8	27	27	27	27							
8753		2.9	27	27	25	25							
3026		2.9	27	27	26	26							
3115		2.8	27	27	26	26							
3740	8hr	10.2	27	27	25	25							
8805		10.1	27	27	27	27	5.0	28	28	28	28	1	
5186		10.2	27	27	24	24							
3857		10.0	27	27	26	26	10.3	28	28	26	26	1	
4743		10.2	27	27	26	26	10.2	28	28	28	28	1	
6510	200	17.9	27	27	28	28							
5294		19.8	27	27	26	26							
7451		16.9	27	27	22	22							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/7/23	JR	23	29.9	F9	5					
2						6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-66741	02/07/23	12:00	29.9	23	G20	JR

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-66741-A-1	2908	-4.0	N	4937	94/56	Y	5136-53941	
200-66741-A-2	5700	-3.2	N	3575	94/62	Y	2690-53942	
200-66741-A-3	6262	0.0	Y	4993	94/55	Y	34001159-53928	
200-66741-A-4	5152	0.0	Y	3857	94/66	Y	2690-53942	
200-66741-A-5	3346	-22.8	Y	3062	94/62	Y	2690-53942	
200-66741-A-6	4285	-2.5	N	3114	94/62	Y	5089-53746	
200-66741-A-7	34000463	0.0	Y	3121	94/62	Y	2690-53942	
200-66741-A-8	5416	-2.3	N	4748	94/62	Y	5089-53746	
200-66741-A-9	5670	-18.5	Y	3943	94/55	Y	5089-53746	
200-66741-A-10	9280	0.0	Y	5244	94/62	Y	2637-53728	
200-66741-A-11	9227	-6.3	N	3175	94/62	Y	2885-53745	
200-66741-A-12	5604	-5.6	N	3048	94/62	Y	2885-53745	
200-66741-A-13	5968	-1.3	N	3954	94/62	Y	5089-53746	
200-66741-A-14	2674	-4.7	N	5186	94/66	Y	5089-53746	
200-66741-A-15	2919	-3.9	N	4046	94/55	Y	3423-53728	
200-66741-A-16	4324	0.0	Y	4035	94/61	Y	2885-53745	
200-66741-A-17	2953	-4.3	N	2768	94/56	Y	2690-53942	
200-66741-A-18	5979	-3.8	N	7662	94/55	Y	2690-53942	
200-66741-A-19	4272	-7.7	N	4523	94/56	Y	2885-53745	
200-66741-A-20	4270	-2.2	N	3443	94/62	Y	5089-53746	
200-66741-A-21	5701	-5.2	N	3786	94/62	Y	2690-53942	
200-66741-A-22	5083	0.0	Y	8805	94/66	Y	3423-53728	
200-66741-A-23	5045	-12.0	Y	4501	94/62	Y	5089-53746	
200-66741-A-24	4432	-12.1	Y	2773	94/55	Y	4081-53914	
200-66741-A-25	3197	-3.8	N	6012	94/66	Y	2690-53942	
200-66741-A-26	34000790	-16.4	Y	4743	94/66	Y	2885-53745	
200-66741-A-27	5455	-11.4	Y	4031	94/56	Y	5089-53746	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-66741	02/07/23	11:25	29.9	23	G20	JR

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-66741-A-28	5439	-12.7	Y	3105	94/62	Y	2690-53942	
200-66741-A-29	5964	-18.0	Y	8920	94/55	Y	2637-53728	
200-66741-A-30	6031	0.0	Y	3936	94/55	Y	2690-53942	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Summa Canister Dilution Worksheet

Client: Kleinfelder Inc
Project/Site: New Windsor, NY

Job No.: 200-66741-1
SDG No.: 200-66741-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-66741-9	6	-18.5	0.38	2.29	-3.09427	0.79	4.74		2.07	2.07	G31	02/07/23 14:30	TPB
200-66741-24	6	-12.1	0.60	3.57	-2.65223	0.82	4.92		1.38	1.38	G31	02/07/23 14:31	TPB
200-66741-26	6	-16.4	0.45	2.71	-2.21019	0.85	5.10		1.88	1.88	G31	02/07/23 14:31	TPB
200-66741-27	6	-11.4	0.62	3.71	-2.75046	0.81	4.88		1.31	1.31	G31	02/07/23 14:31	TPB
200-66741-28	6	-12.2	0.59	3.55	-1.08054	0.93	5.56		1.56	1.56	G31	02/07/23 14:32	TPB
200-66741-29	6	-18.0	0.40	2.39	-4.5	0.69	4.16		1.74	1.74	G31	02/07/23 14:32	TPB

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 1/2	10	50	12/16/2022	1331	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5083	1.04	1.04	0	29.7	G26	12/17/22	1319	—	22.0	G26	12/27/22	1402	—	22.0
2	3423	1.04	1.04	0	29.7	G26	12/17/22	1509	—	22.0	G26	12/28/22	1515	—	22.0
3	4381	1.04	2.1	1.17	29.7	G26	12/17/22	1349	—	22.0	G26	12/27/22	1402	—	22.0
4	3317		1.04	0		G26					G26				
5	5149		1.10	1.06		G26					G26				
6	5432		1.04	0		G26					G26				
7	3207		1.04	0		G26					G26				
8	3537		1.04	0		G26					G26				
9	4221		1.04	0		G26					G26				
10	5107		1.04	0		G26					G26				
11	2919		1.04	0		G26					G26				
12	5040	—	1.15	1.11	✓	G26	✓	✓	✓	✓	G26	✓	✓	✓	✓

NJ

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
3423	12/20/22	53728	ABJ		XXXXXXX				12/20/22	JDB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments: _____

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200-66174-A-2
3423
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/16/2022 12:00 AM 200-1688673

Loc: 200
66174
#2 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 1/2	10	50	12/17/2022	1411	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4356	.04	.04	0	29.7	G26	12/18/22	12:19	~	22.0	G26	12/28/22	1117	~	22.0
2	5964	↓	.12	.08	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	2637	.03	.04	0	29.5	G26	12/28/22	1149	~	22.0	G26	12/28/22	1337	~	22.0
4	3083	.04	.04	0	29.7	G26	12/18/22	12:19	~	22.0	G26	12/28/22	1117	~	22.0
5	4123	↓	.02	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
6	3028	↓	.15	.11	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	2515	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	4313	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	4781	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	9280	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	9220	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	3200	↓	.02	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
2637	12/20/22	537258	ABJ		XXXXXXX				12/20/22	MP

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-66197-A-3
2637
Location: Air-Storage
Bottle: Summa Canister 6L
Supplied: 12/17/2022 12:00 AM 200-1688935
Loc: 200
66197
#3 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	12/18/2022	1436	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4270	.04	.04	0	29.6	G26	12/19/22	1407	←	22.0	G26	1/4/23	1127	←	22.0
2	4376	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	34001511	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	5089	.04	.04	0	↓	G26	1/1/23	1200	←	22.0	G26	↓	↓	↓	↓
5	2674	.04	.13	.09	↓	G26	12/19/22	1407	←	22.0	G26	↓	↓	↓	↓
6	5152	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	4285	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	5416	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	5968	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	5455	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	5670	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	5045	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
5089	12/21/22	53746	KPZ		XXXXXXX				12/21/22	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

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200-66203-A-4
5089
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled 12/18/2022 12:00 AM 200-1689007
Loc: 200
66203
#4
A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	12/18/2022	1436	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5903	.04	.04	Ø	29.6	G26	12/19/22	1407	←	22.0	G26	1/4/23	1207	←	22.0
2	5056	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	4324	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	2885	.04	.04	Ø	↓	G26	1/1/23	1200	←	22.0	G26	↓	↓	↓	↓
5	34000790	.04	.04	Ø	↓	G26	12/19/22	1407	←	22.0	G26	↓	↓	↓	↓
6	9227	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	5035	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	3089	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	4362	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	4272	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	5604	↓	.27	.23	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	4020	↓	.04	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
2885	12/21/22	53745	ABI		XXXXXXX				12/21/22	TPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

200-66204-A-4
2885
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/18/2022 12:00 AM 200-1689019

Loc: 200
66204
#4 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	1/3/2023	1213	22	22	SML	6 liter	batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	4081	1.04	1.04	0	29.2	G26	1/9/23	1304	←	22.0	G26	1/3/23	1213	←	22.0
2	4432	1.04	1.15	1.11	29.5	G26	1/4/23	1240	"	22.0	G26	1/9/23	1239	←	22.0
3	3153		1.04	0		G26					G26				
4	9282		1.04	0		G26					G26				
5	5051		1.04	0		G26					G26				
6	9287		1.04	0		G26					G26				
7	3275		1.04	0		G26					G26				
8	5430		1.04	0		G26					G26				
9	6304		1.04	0		G26					G26				
10	3620		1.04	0		G26					G26				
11	4308		1.15	1.11		G26					G26				
12	3460		1.04	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Revi
4081	1/9/23	539/4	AB1		XXXXXX				1/9/23	

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-66321-A-1
4081
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/3/2023 12:00 AM
200-1692133
Loc: 200
66321
#1 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	1/5/2023	1211	22	22	SML	6 liter	batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	4133	.04	.04	0	29.7	G26	1/6/23	1246	—	22.0	G26	1/10/23	1314	—	22.0
2	4801	"	.04	0	"	G26	"	"	"	"	G26	"	"	"	22.0
3	34001159	.04	.04	0	29.2	G26	1/10/23	1421	—	22.0	G26	1/13/23	1213	—	22.0
4	6262	.04	.04	0	29.7	G26	1/6/23	1246	—	22.0	G26	1/10/23	1314	—	22.0
5	5018		.13	0		G26					G26				
6	4466		.04	0		G26					G26				
7	2745		.04	0		G26					G26				
8	34001293		.04	0		G26					G26				
9	4823		.04	0		G26					G26				
10	2778		.04	0		G26					G26				
11	3411		.04	0		G26					G26				
12	5608		.04	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Revie
34001159	1/10/23	53028	ATB1		XXXXXXX				1/10/23	TPR

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-66333-A-3
34001159
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/5/2023 12:00 AM
200-1692699
Loc: 200
66333
#3 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	1/6/2023	1403	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5033	10.4	10.9	0.5	29.9	G26	1/8/23	1253	←	22.0	G26	1/11/23	1155	←	22.0
2	2568	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	5979	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	2690	10.4	10.4	0	29.2	G26	1/11/23	1237	←	22.0	G26	1/13/23	1213	←	22.0
5	2953	10.4	10.4	0	29.9	G26	1/8/23	1253	←	22.0	G26	1/11/23	1155	←	22.0
6	3346	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	6031	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	5701	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	5700	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	34000463	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	3197	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	5439	↓	10.4	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewe
2690	1/11/23	53942	KPI		XXXXXX				1/11/23	[illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Page 45 of 902

200-66354-A-4
2690
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/6/2023 12:00 AM 200-1693021

Loc: 200
66354
#4 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	1/6/2023	1403	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5072	1.04	.04	0	29.9	G26	1/8/23	1206	—	22.0	G26	1/11/23	1037	—	22.0
2	34001039	↓	.23	.19	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	2598	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	5136	1.04	1.04	0	29.2	G26	1/11/23	1110	—	22.0	G26	1/13/23	1213	—	22.0
5	5150	1.04	1.04	0	29.9	G26	1/8/23	1206	—	22.0	G26	1/11/23	1037	—	22.0
6	4116	↓	1.13	1.09	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	5630	↓	1.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	2908	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	2847	↓	1.15	1.11	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	8456	↓	1.28	1.24	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	3540	↓	1.28	1.24	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	2880	↓	.04	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
5136	1/11/23	53941	ABI		XXXXXX				1/11/23	[illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-66355-A-4
5136
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/6/2023 12:00 AM
200-1693033
Loc: 200
66355
#4
A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	1/18/2023	900	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5055	1.04	1.04	0	29.0	G26	1/24/23	1446	C	22.0	G26	1/26/23	1520	C	22.0
2	5447	1.04	1.04	0	29.5	G26	1/20/23	0920	JDB	21	G26	1/24/23	1358	C	22.0
3	2851		1.04	0		G26					G26				
4	4292		1.04	0		G26					G26				
5	4325		1.04	0		G26					G26				
6	7704		1.04	0		G26					G26				
7	2911		1.04	0		G26					G26				
8	5043		1.04	0		G26					G26				
9	3314		1.04	0		G26					G26				
10	3757		1.04	0		G26					G26				
11	5901		1.04	0		G26					G26				
12	3553		1.04	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revi
5055	1/25/23	54063	ABI		XXXXXXX				1/27/23	UP

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-66495-A-1
5055
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/18/2023 12:00 AM 200-1696235
Loc: 200
66495
#1 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66174-1

SDG No.:

Client Sample ID: 3423 Lab Sample ID: 200-66174-2

Matrix: Air Lab File ID: 53728-017.d

Analysis Method: TO-15 Date Collected: 12/16/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/19/2022 20:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186829 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.0084
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66174-1

SDG No.:

Client Sample ID: 3423 Lab Sample ID: 200-66174-2

Matrix: Air Lab File ID: 53728-017.d

Analysis Method: TO-15 Date Collected: 12/16/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/19/2022 20:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186829 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.040	U	0.040	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.040	U	0.040	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.010
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d
Lims ID: 200-66174-A-2
Client ID: 3423
Sample Type: Client
Inject. Date: 19-Dec-2022 20:50:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053728-017
Misc. Info.: 66174-2
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Dec-2022 08:32:14 Calib Date: 15-Dec-2022 23:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221215-53700.b\53700-013.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1649

First Level Reviewer: BKZ7 Date: 20-Dec-2022 08:32:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.083				ND	7
2 Dichlorodifluoromethane	85		4.174				ND	7
3 Chlorodifluoromethane	51		4.217				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.517				ND	7
5 Chloromethane	50		4.629				ND	MU
6 Vinyl chloride	62		4.928				ND	MU
7 Butane	43		4.934				ND	7
8 Butadiene	54		5.041				ND	MU
9 Bromomethane	94		5.742				ND	
10 Chloroethane	64		6.009				ND	7
13 Vinyl bromide	106		6.421				ND	
14 Trichlorofluoromethane	101		6.587				ND	
16 Ethanol	45		6.956				ND	7
20 1,1-Dichloroethene	96		7.635				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.678				ND	
22 Acetone	43		7.710				ND	7
23 Isopropyl alcohol	45		8.010				ND	7
24 Carbon disulfide	76		8.042				ND	MU
26 3-Chloro-1-propene	41		8.325				ND	7
27 Methylene Chloride	49		8.556				ND	MU
28 2-Methyl-2-propanol	59		8.775				ND	
30 trans-1,2-Dichloroethene	61		9.053				ND	7
31 Methyl tert-butyl ether	73		9.069				ND	
32 Hexane	57		9.561				ND	7
33 1,1-Dichloroethane	63		9.807				ND	
34 Vinyl acetate	43		9.823				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		10.765				ND	
37 cis-1,2-Dichloroethene	96		10.792				ND	7
38 Ethyl acetate	88		10.856				ND	
* 39 Chlorobromomethane	128	11.198	11.204	-0.006	78	68953	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Tetrahydrofuran	42		11.252				ND	7
	41 Chloroform	83		11.380				ND	7
	42 1,1,1-Trichloroethane	97		11.680				ND	7
	43 Cyclohexane	84		11.819				ND	
	44 Carbon tetrachloride	117		11.958				ND	
	45 Benzene	78		12.300				ND	7
	46 1,2-Dichloroethane	62		12.375				ND	
	47 Isooctane	57		12.525				ND	
	48 n-Heptane	43		12.835				ND	7
*	49 1,4-Difluorobenzene	114	13.044	13.044	0.000	92	347635	10.0	
	51 Trichloroethene	95		13.472				ND	MU
	53 1,2-Dichloropropane	63		13.921				ND	
	54 Methyl methacrylate	69		14.023				ND	MU
	55 1,4-Dioxane	88		14.060				ND	MU
	57 Dibromomethane	174		14.082				ND	MU
	58 Dichlorobromomethane	83		14.392				ND	7
	59 cis-1,3-Dichloropropene	75		15.189				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	7
	62 Toluene	92		15.831				ND	MU
	66 trans-1,3-Dichloropropene	75		16.248				ND	MU
	67 1,1,2-Trichloroethane	83		16.623				ND	
	68 Tetrachloroethene	166		16.821				ND	7
	69 2-Hexanone	43		17.040				ND	7
	70 Chlorodibromomethane	129		17.356				ND	MU
	71 Ethylene Dibromide	107		17.591				ND	MU
*	73 Chlorobenzene-d5	117	18.506	18.506	0.000	83	292217	10.0	
	74 Chlorobenzene	112		18.565				ND	MU
	75 Ethylbenzene	91		18.763				ND	7
	76 m-Xylene & p-Xylene	106		19.025				ND	7
	78 o-Xylene	106		19.795				ND	MU
	79 Styrene	104		19.833				ND	7
S	80 Xylenes, Total	106		20.100				ND	7
	81 Bromoform	173		20.186				ND	7
	82 Isopropylbenzene	105		20.523				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.052				ND	7
	85 N-Propylbenzene	91		21.261				ND	7
	86 2-Chlorotoluene	91		21.411				ND	7
	87 4-Ethyltoluene	105		21.464				ND	7
	88 1,3,5-Trimethylbenzene	105		21.566				ND	7
	91 tert-Butylbenzene	119		22.053				ND	MU
	92 1,2,4-Trimethylbenzene	105		22.144				ND	7
	93 sec-Butylbenzene	105		22.385				ND	MU
	94 1,3-Dichlorobenzene	146		22.556				ND	MU
	95 4-Isopropyltoluene	119		22.604				ND	7
	96 1,4-Dichlorobenzene	146		22.700				ND	MU
	97 Benzyl chloride	91		22.850				ND	7
	98 n-Butylbenzene	91		23.160				ND	7
	99 1,2-Dichlorobenzene	146		23.182				ND	7
	102 1,2,4-Trichlorobenzene	180		25.562				ND	MU
	103 Hexachlorobutadiene	225		25.803				ND	MU
	104 Naphthalene	128		26.022				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

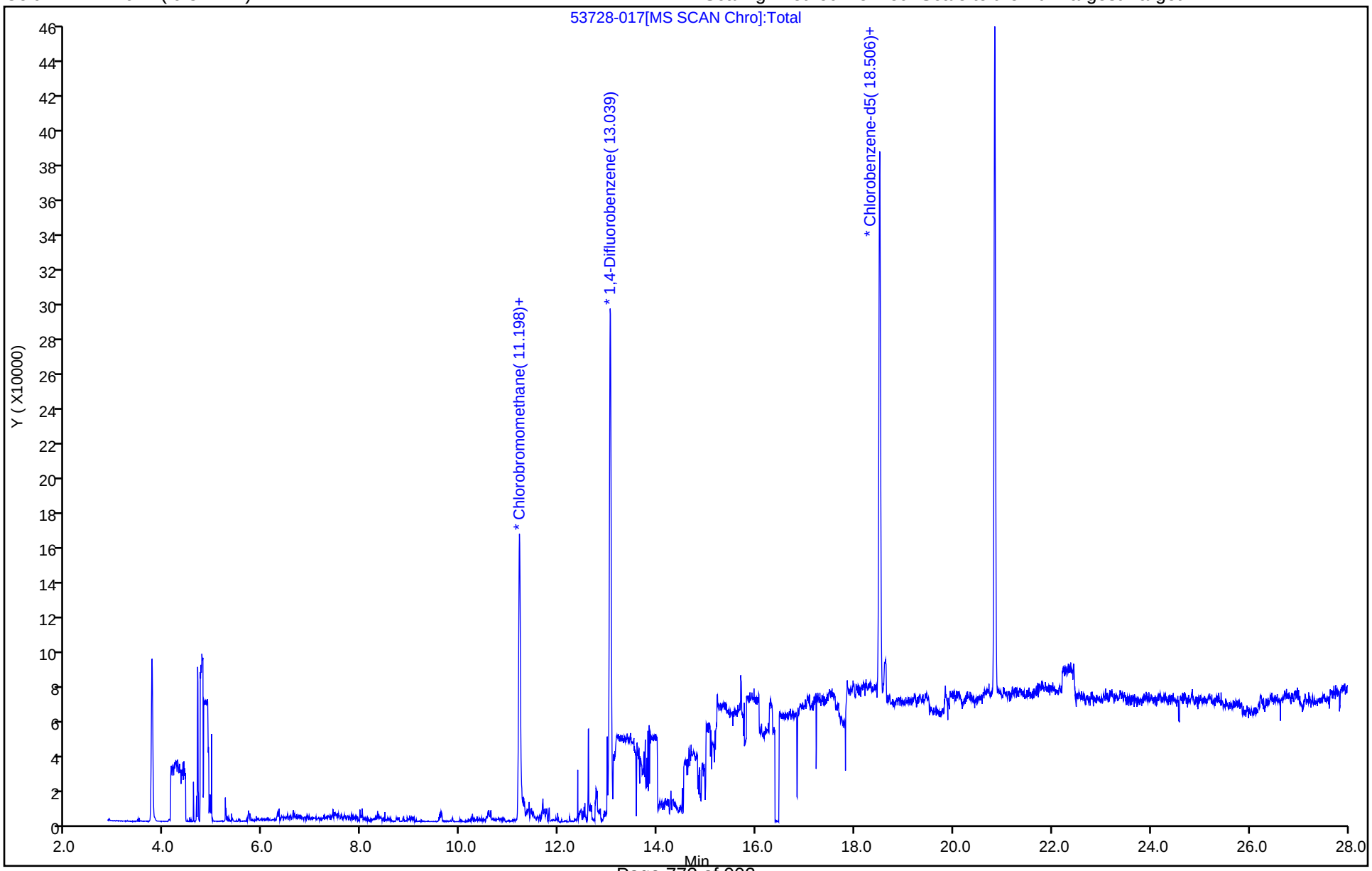
ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 20-Dec-2022 08:32:14 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2	Worklist Smp#:	17
Client ID:	3423				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	16
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



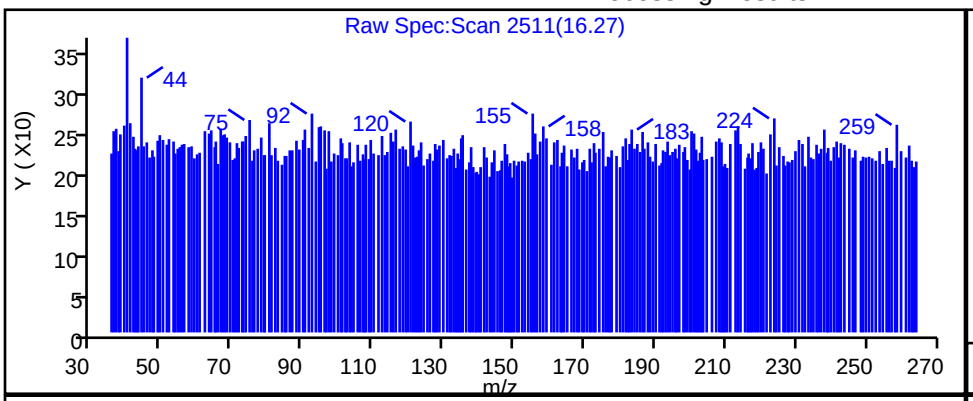
User Disabled Compound Report

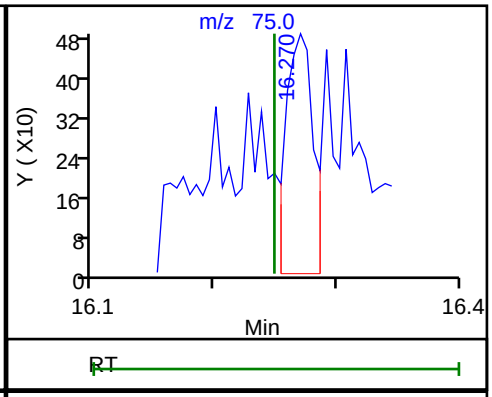
Eurofins Burlington

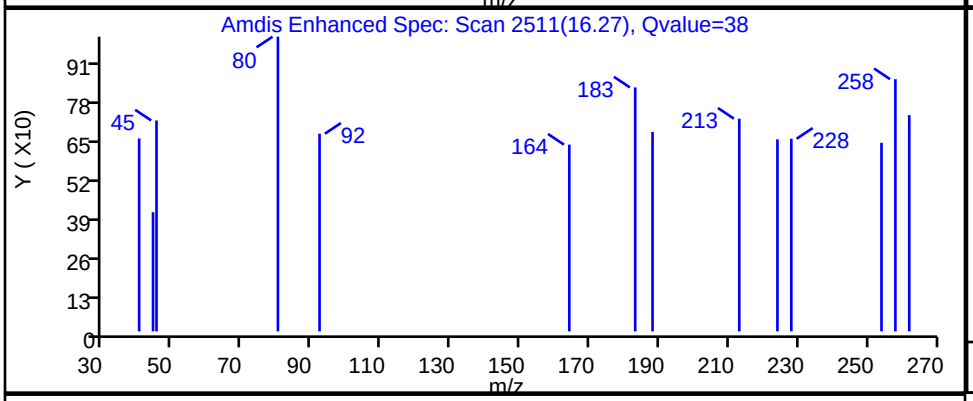
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

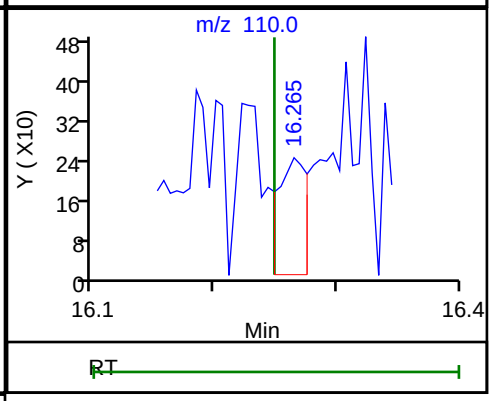
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

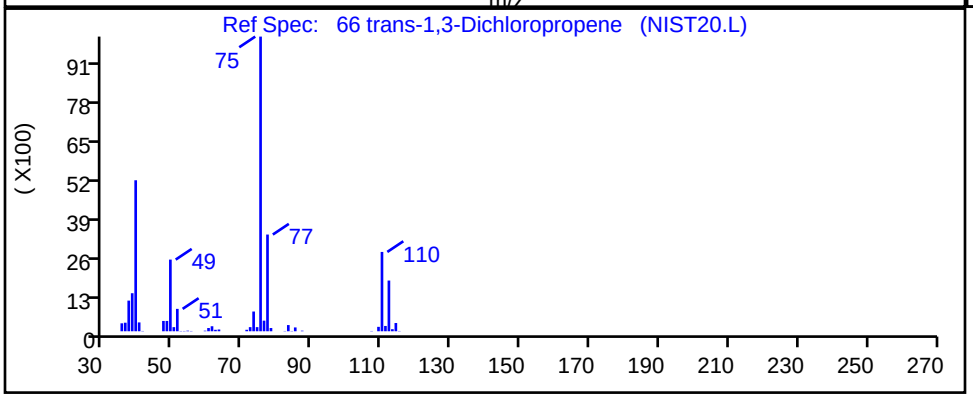
Processing Results











RT	Mass	Response	Amount
16.27	75.00	759	0.050098
16.26	110.00	393	

Reviewer: BKZ7, 20-Dec-2022 08:31:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

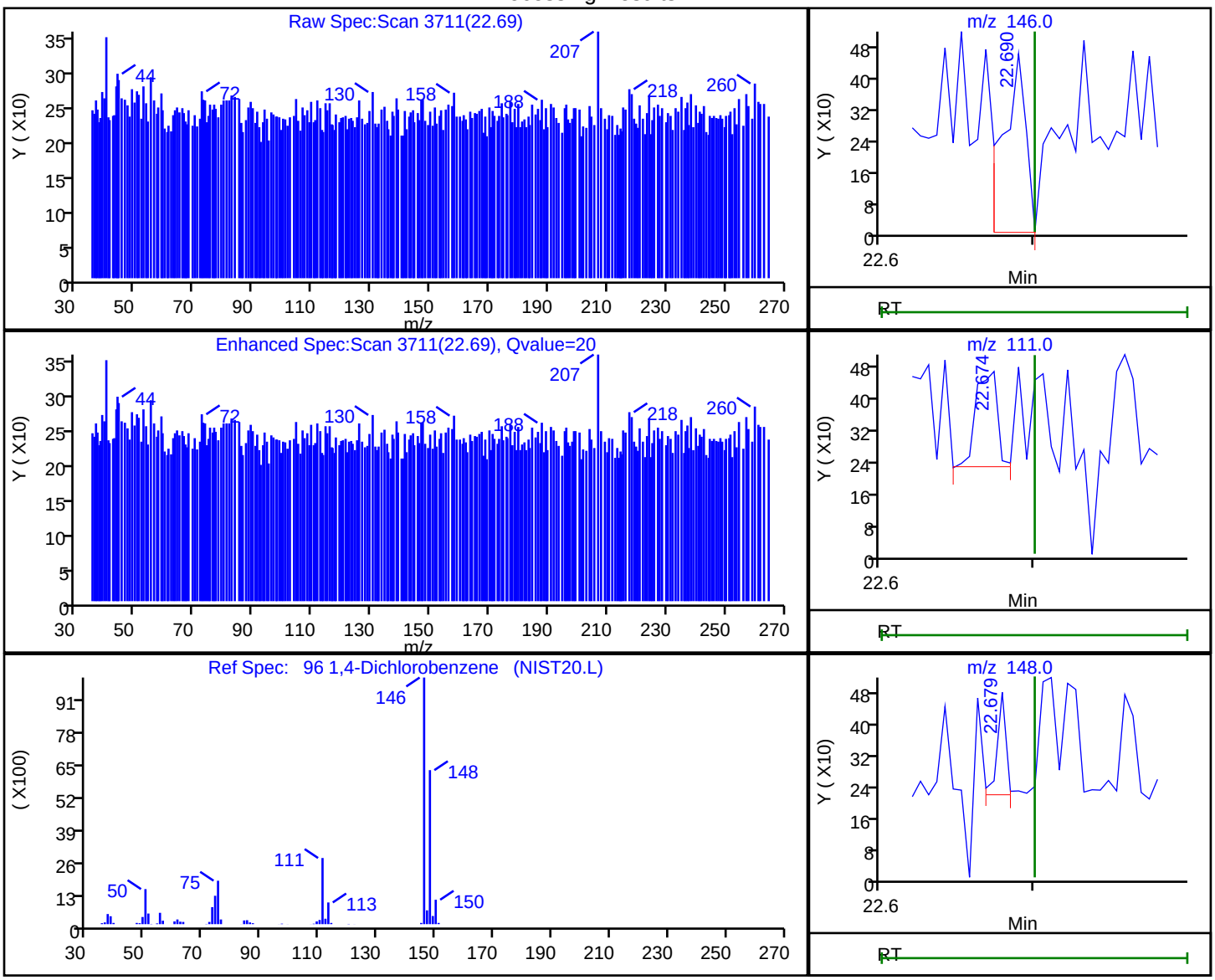
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.69	146.00	465	0.014746
22.67	111.00	242	
22.68	148.00	105	

Reviewer: BKZ7, 20-Dec-2022 08:31:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

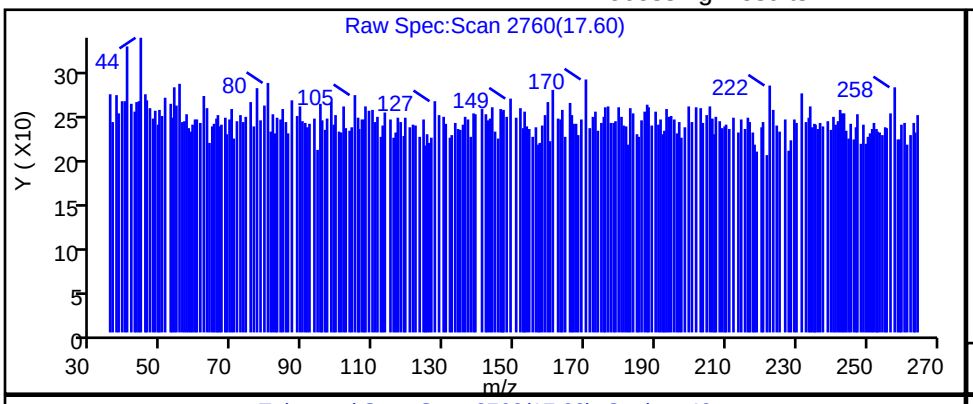
User Disabled Compound Report

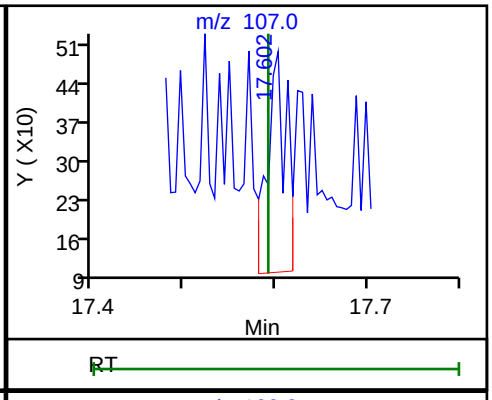
Eurofins Burlington

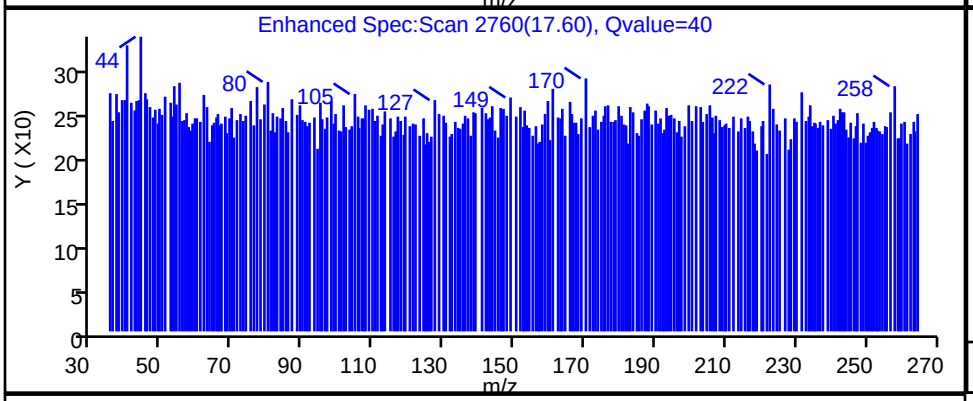
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

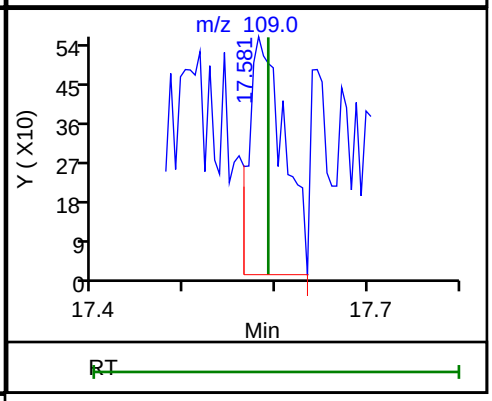
71 Ethylene Dibromide, CAS: 106-93-4

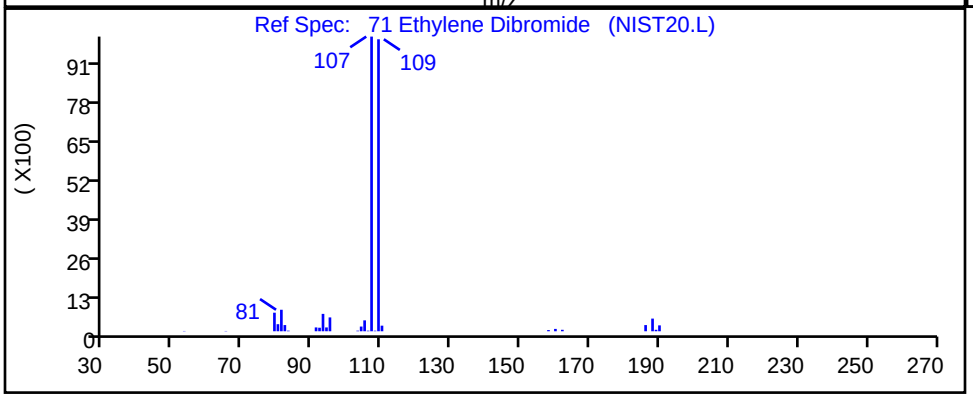
Processing Results











RT	Mass	Response	Amount
17.60	107.00	585	0.029503
17.58	109.00	1480	

Reviewer: BKZ7, 20-Dec-2022 08:31:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

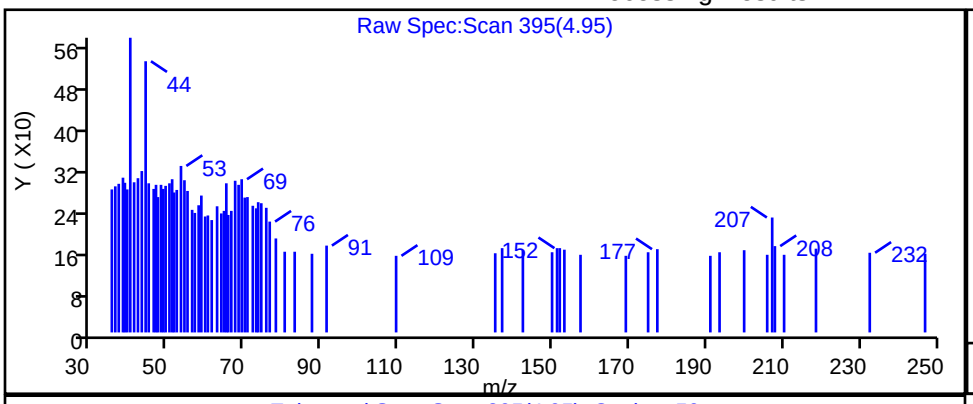
User Disabled Compound Report

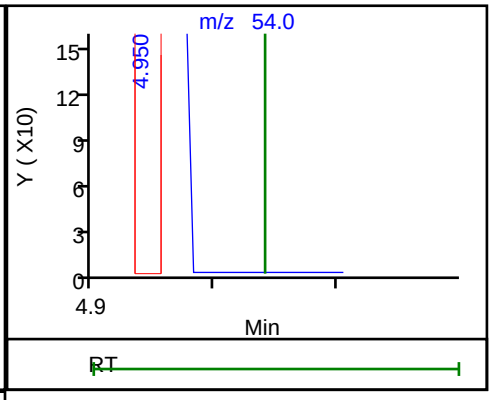
Eurofins Burlington

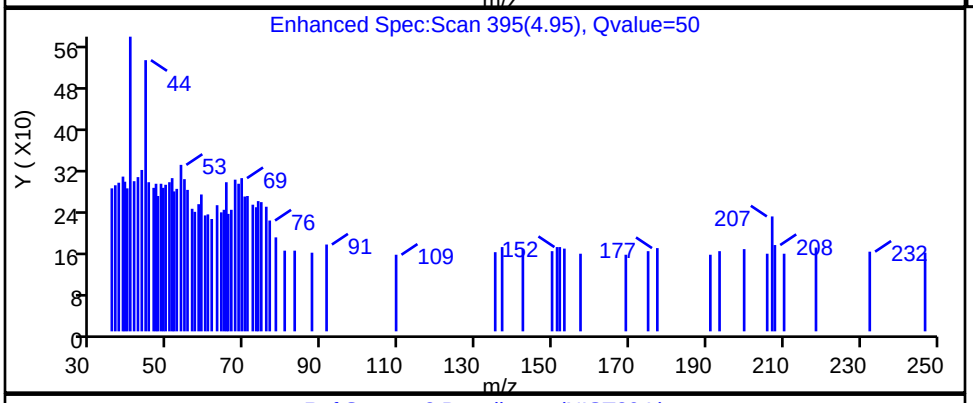
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

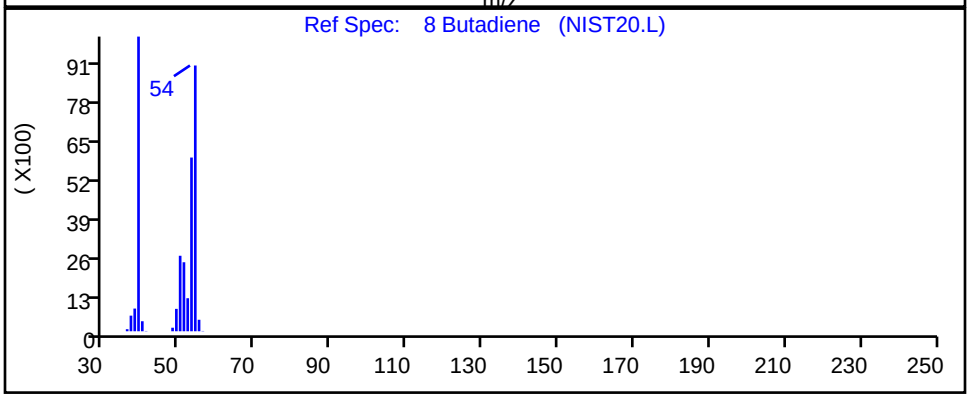
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
4.95	54.00	195	0.020426

Reviewer: BKZ7, 20-Dec-2022 08:30:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

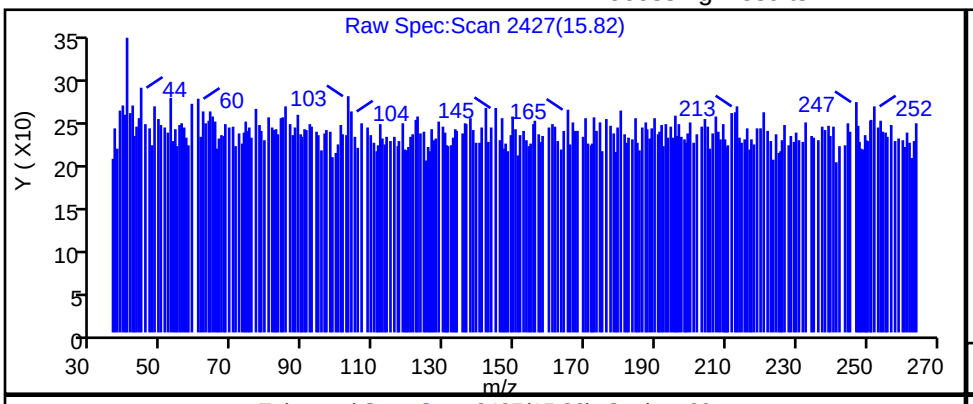
User Disabled Compound Report

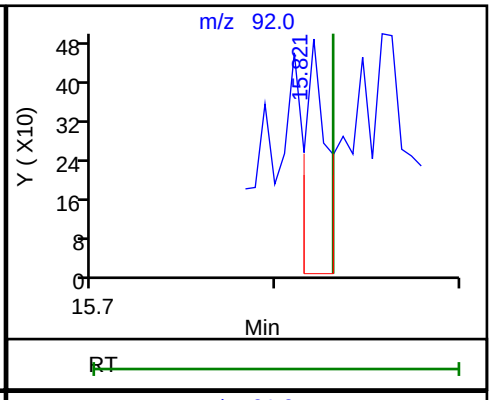
Eurofins Burlington

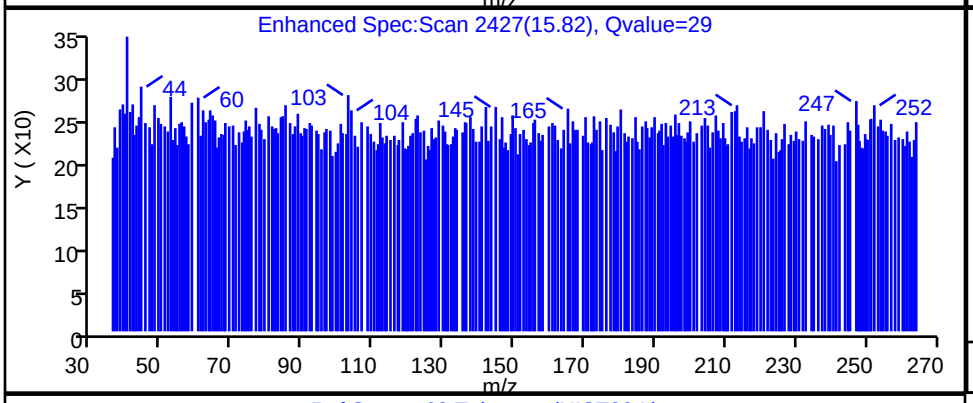
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

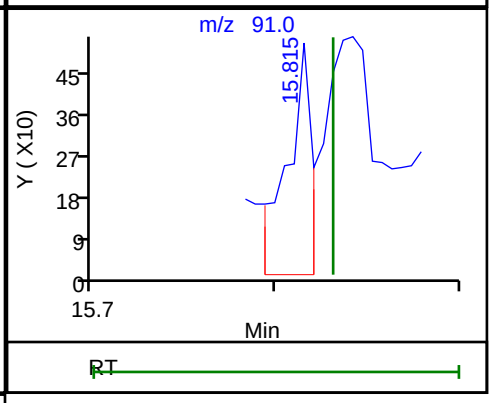
62 Toluene, CAS: 108-88-3

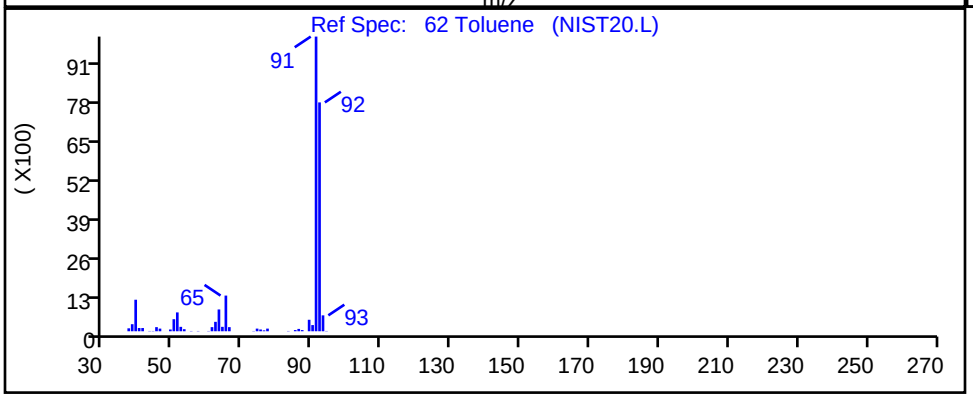
Processing Results











RT	Mass	Response	Amount
15.82	92.00	404	0.017606
15.82	91.00	502	

Reviewer: BKZ7, 20-Dec-2022 08:31:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

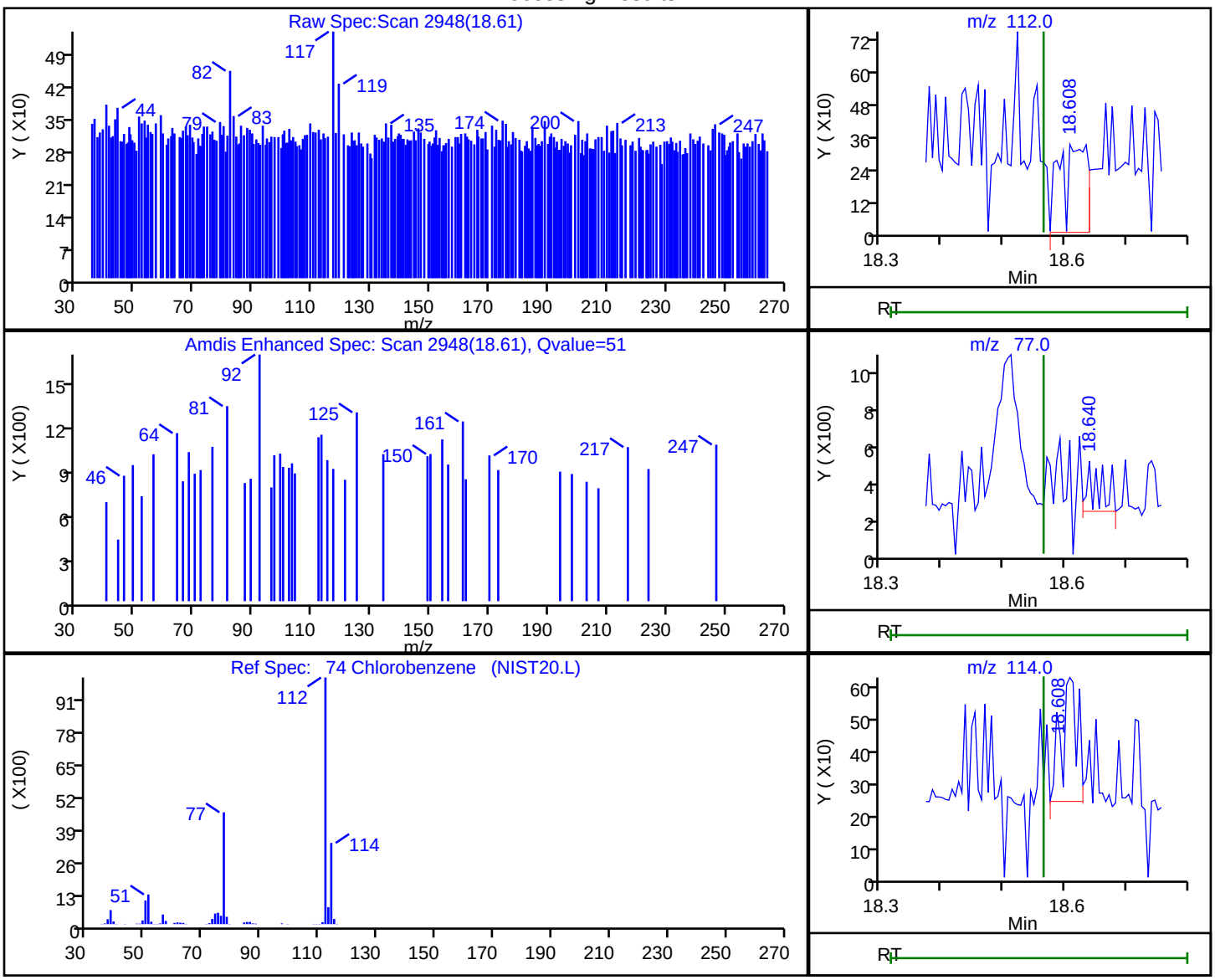
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.61	112.00	1004	0.031019
18.64	77.00	386	
18.61	114.00	714	

Reviewer: BKZ7, 20-Dec-2022 08:31:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

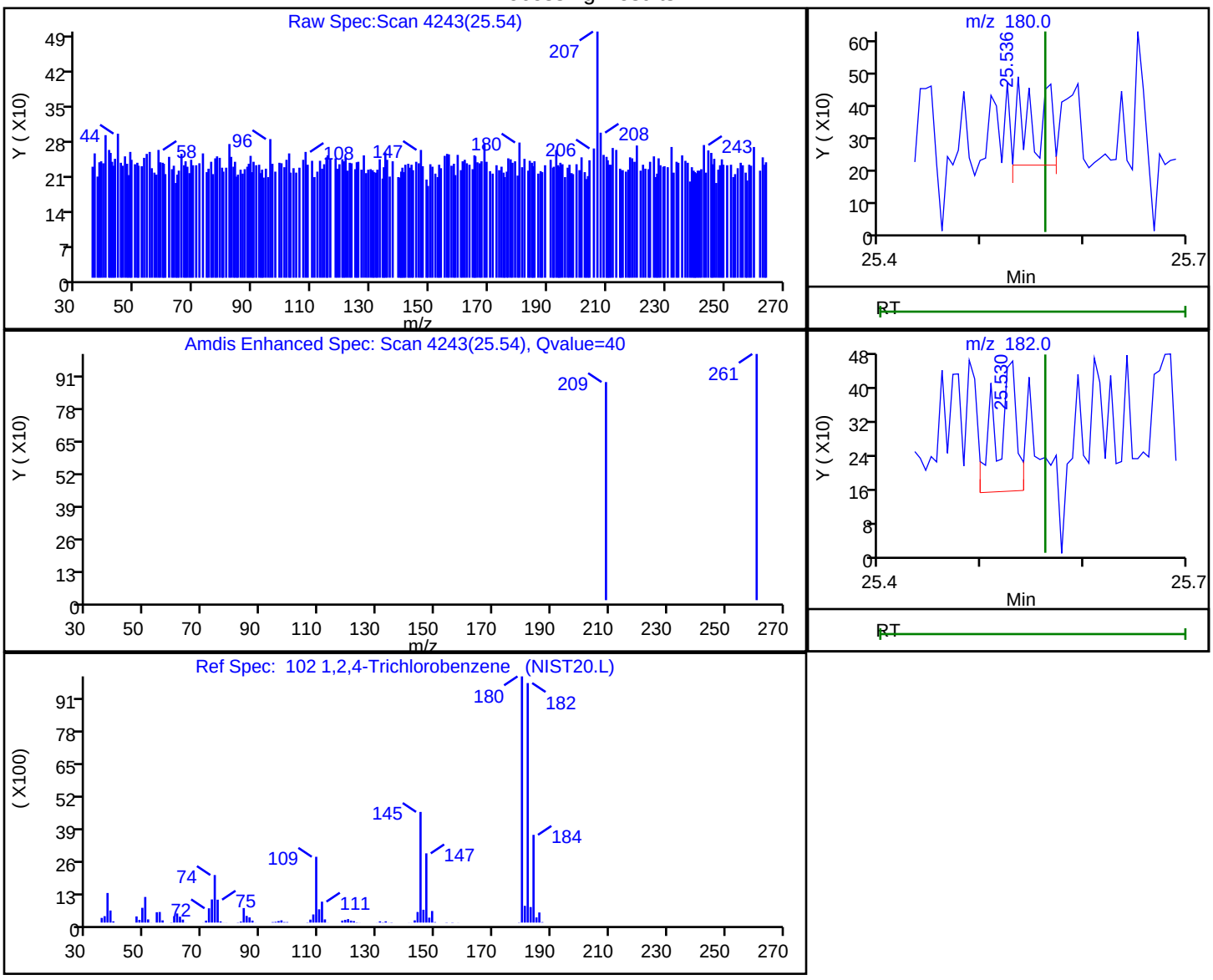
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

102 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
25.54	180.00	362	0.019169
25.53	182.00	422	

Reviewer: BKZ7, 20-Dec-2022 08:32:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

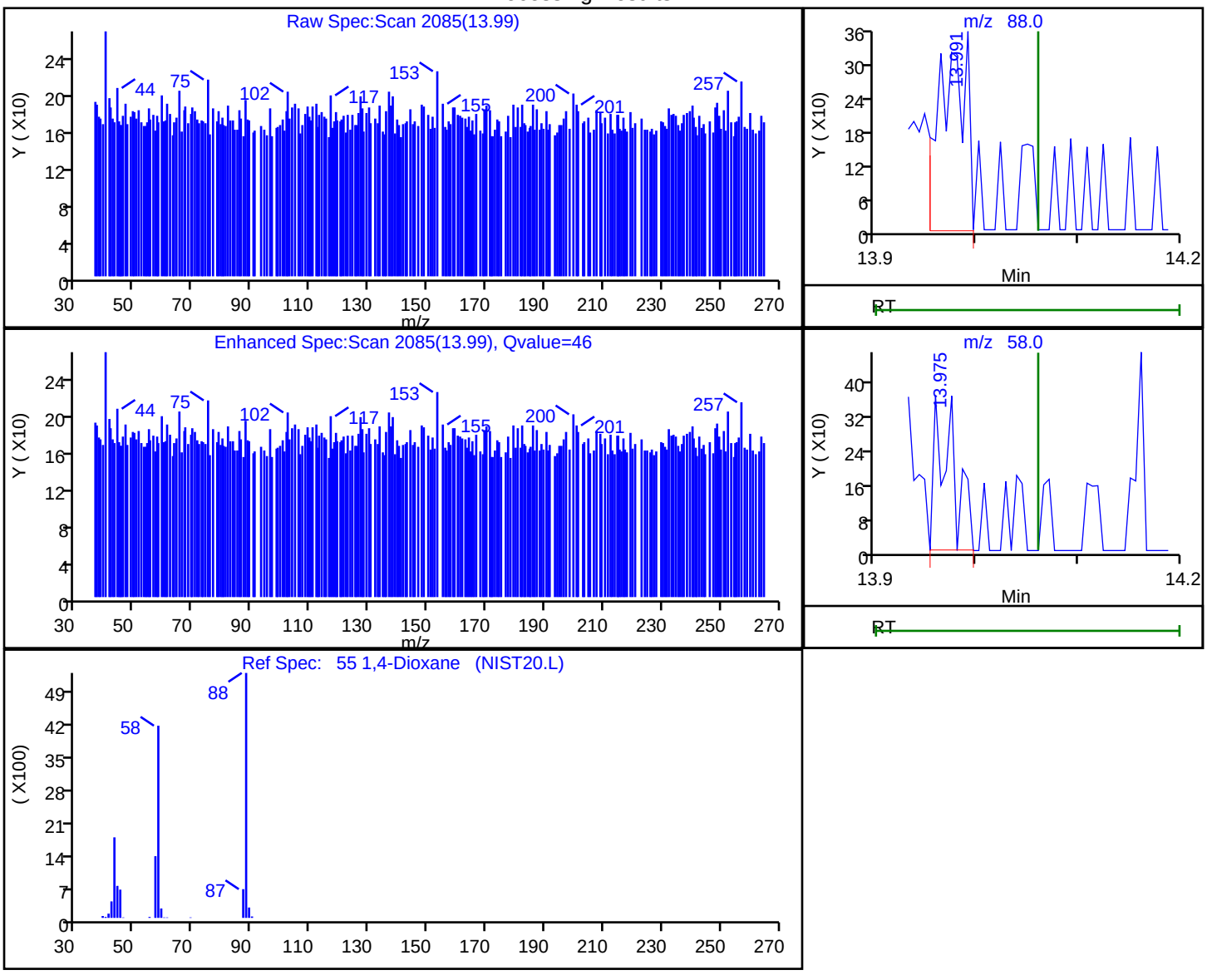
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
13.99	88.00	634	0.104375
13.97	58.00	454	

Reviewer: BKZ7, 20-Dec-2022 08:31:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

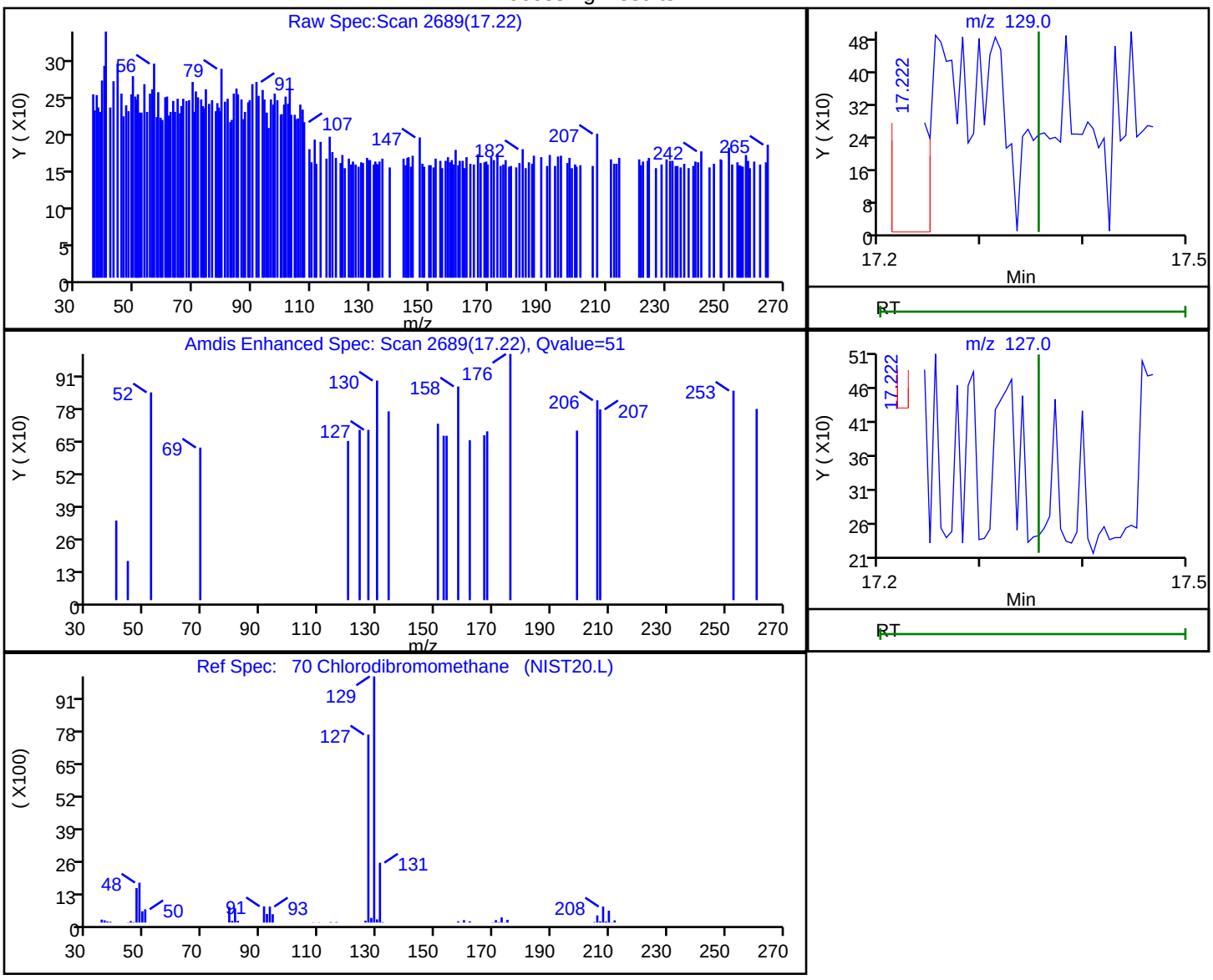
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

70 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
17.22	129.00	550	0.023608
17.22	127.00	180	

Reviewer: BKZ7, 20-Dec-2022 08:31:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

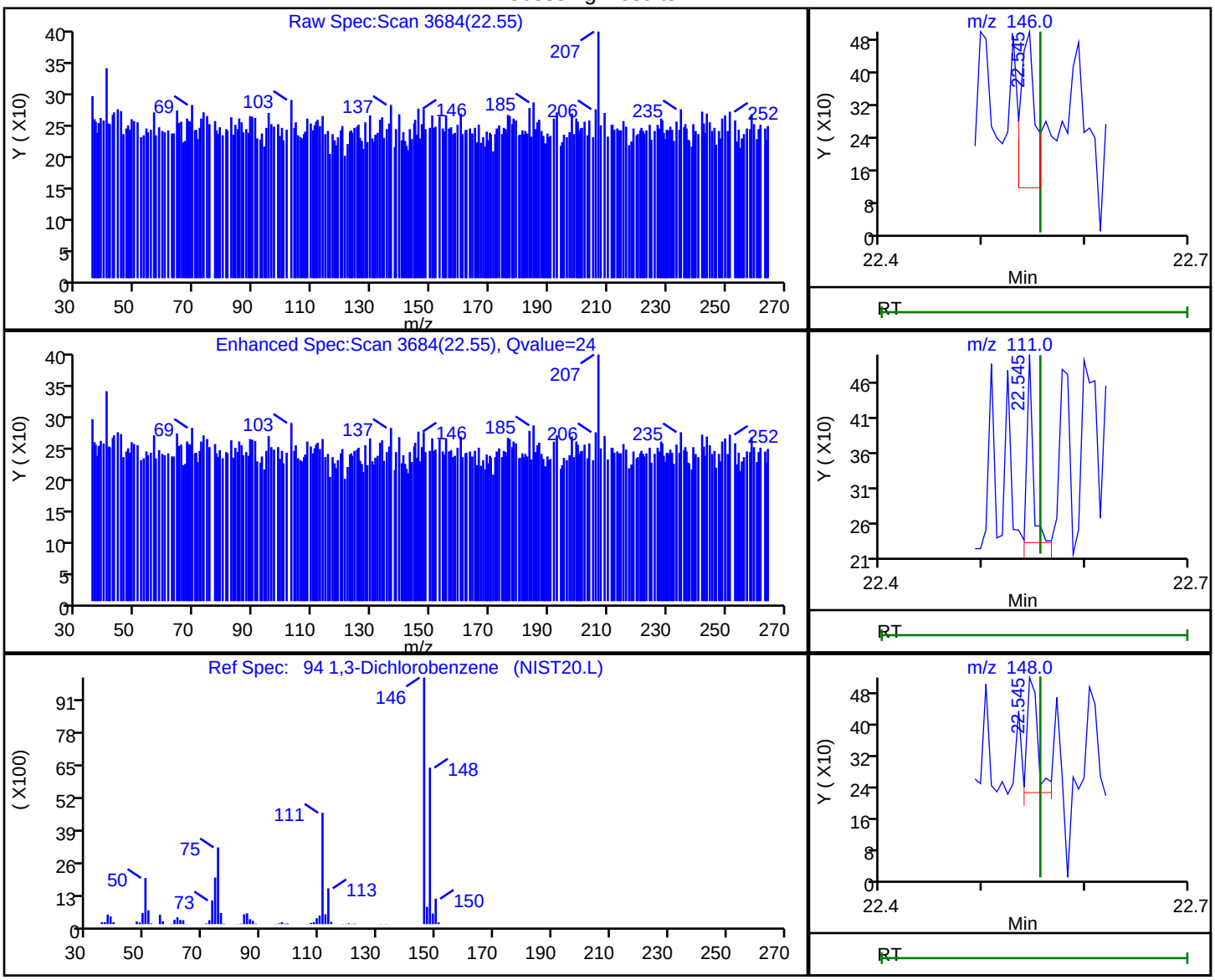
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
22.55	146.00	384	0.011732
22.55	111.00	104	
22.55	148.00	205	

Reviewer: BKZ7, 20-Dec-2022 08:31:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

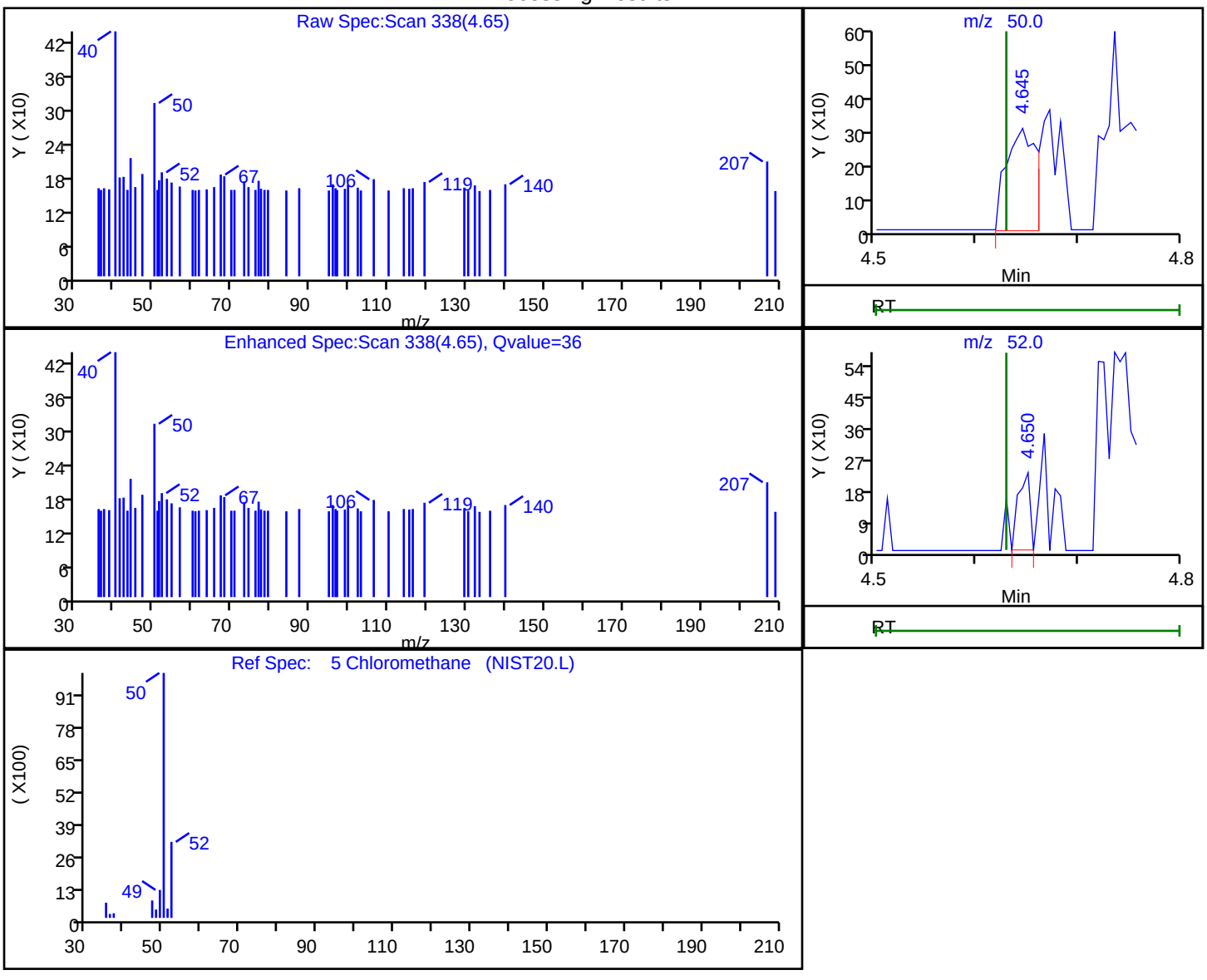
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
4.65	50.00	621	0.056900
4.65	52.00	184	

Reviewer: BKZ7, 20-Dec-2022 08:30:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

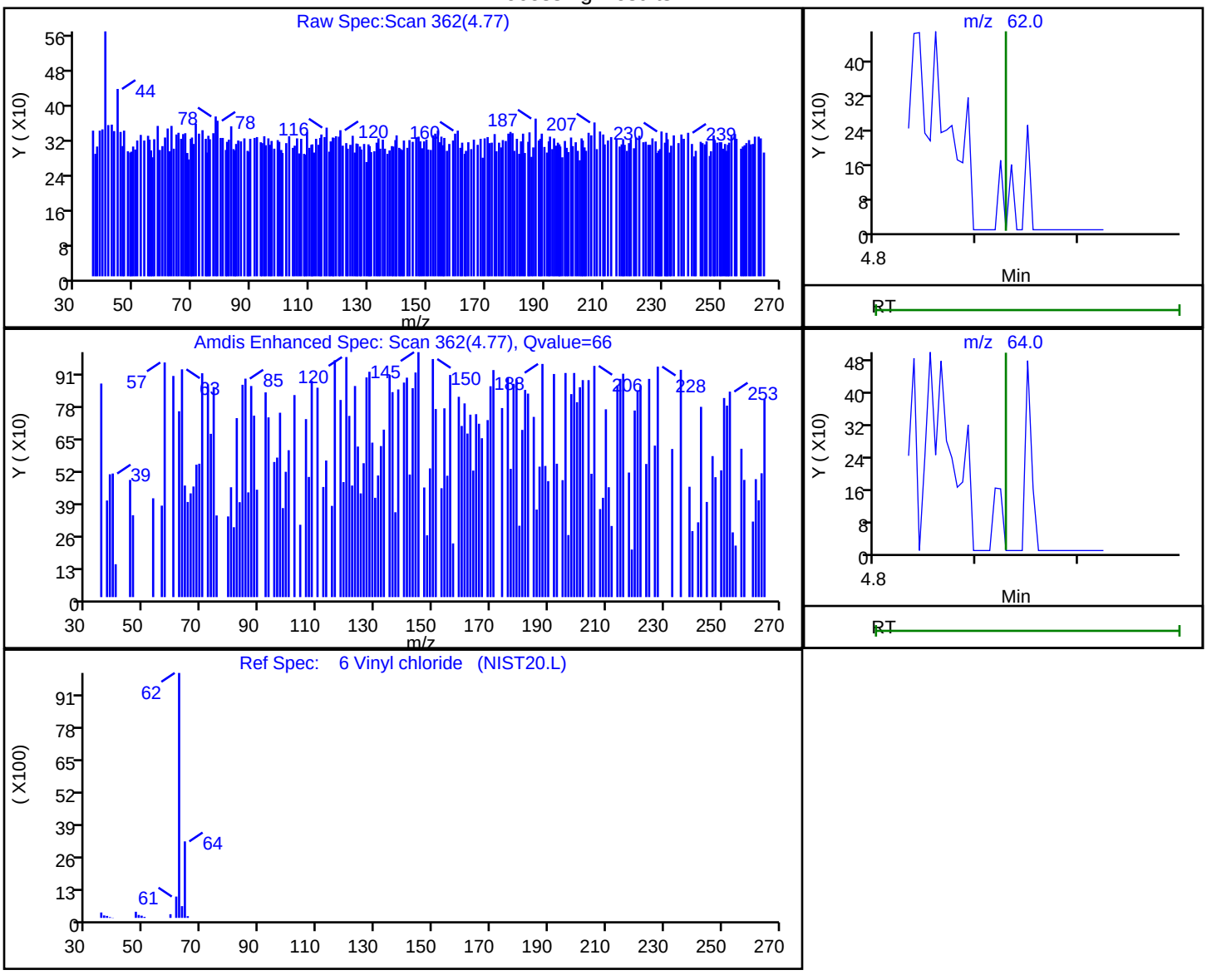
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.77	62.00	821	0.061845
4.76	64.00	511	

Reviewer: BKZ7, 20-Dec-2022 08:30:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

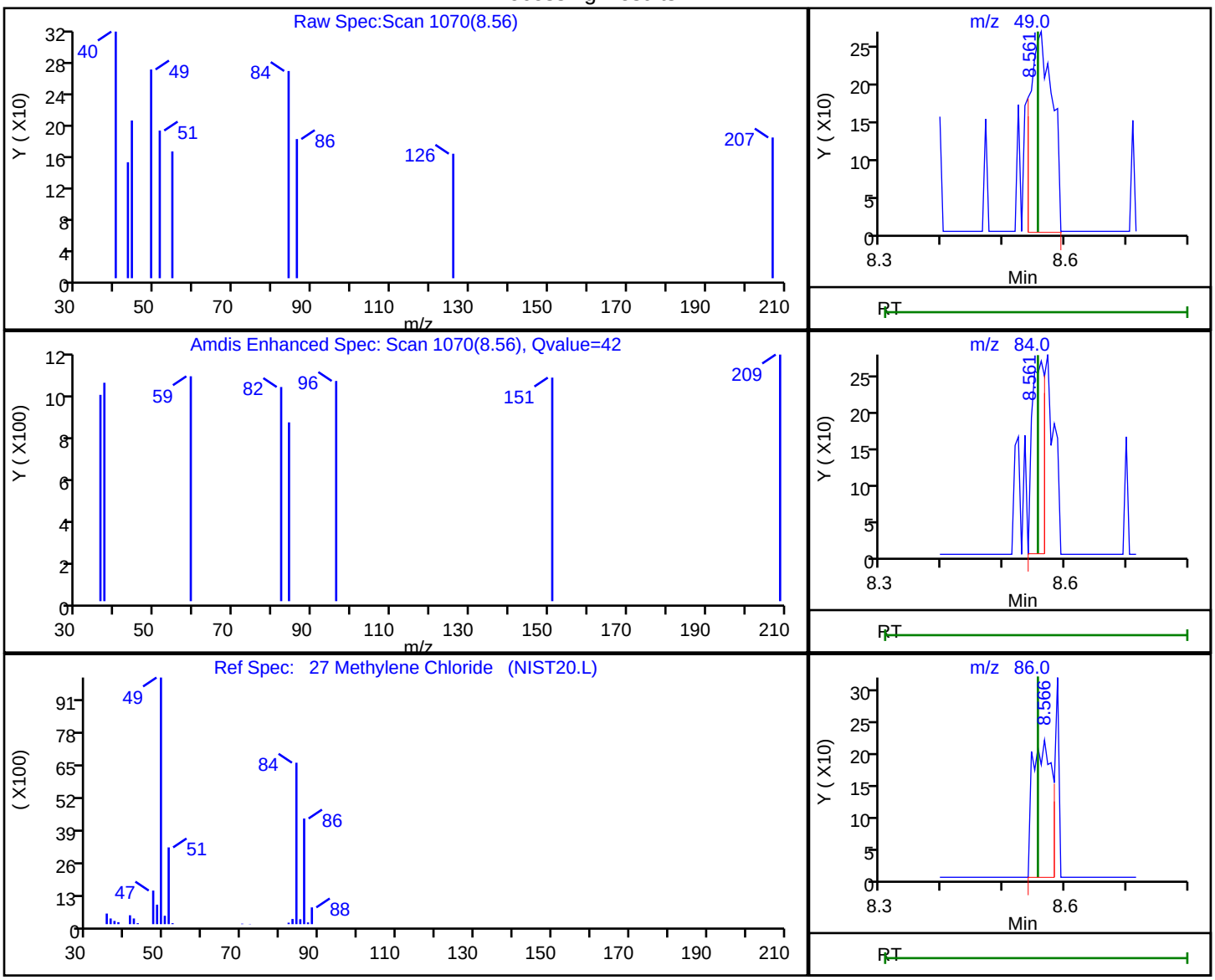
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
8.56	49.00	669	0.075977
8.56	84.00	388	
8.57	86.00	479	

Reviewer: BKZ7, 20-Dec-2022 08:31:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

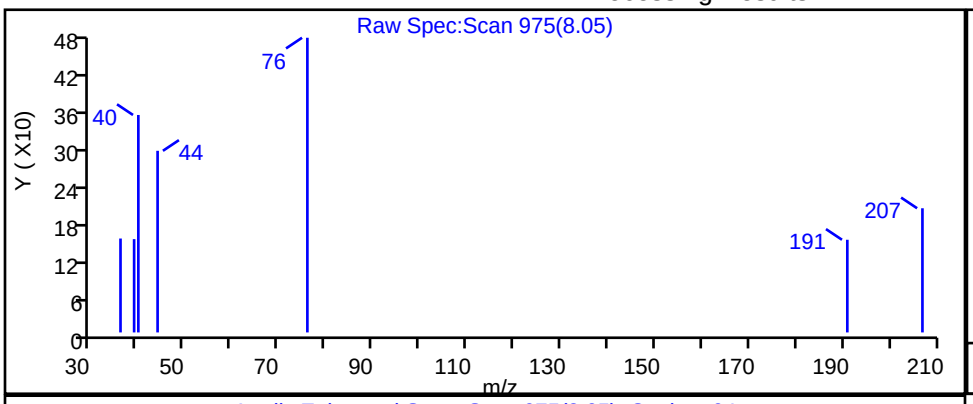
User Disabled Compound Report

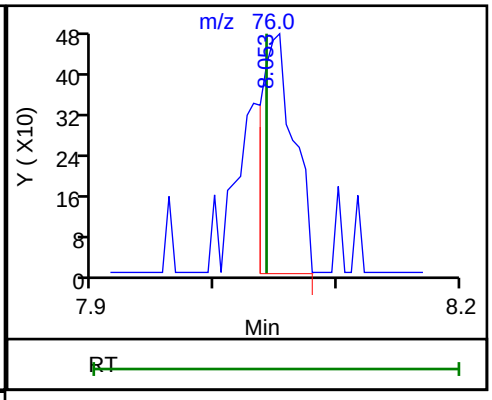
Eurofins Burlington

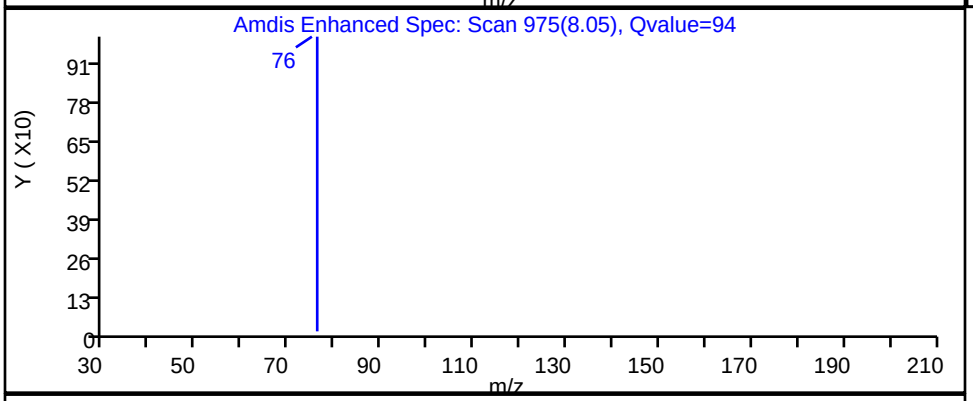
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

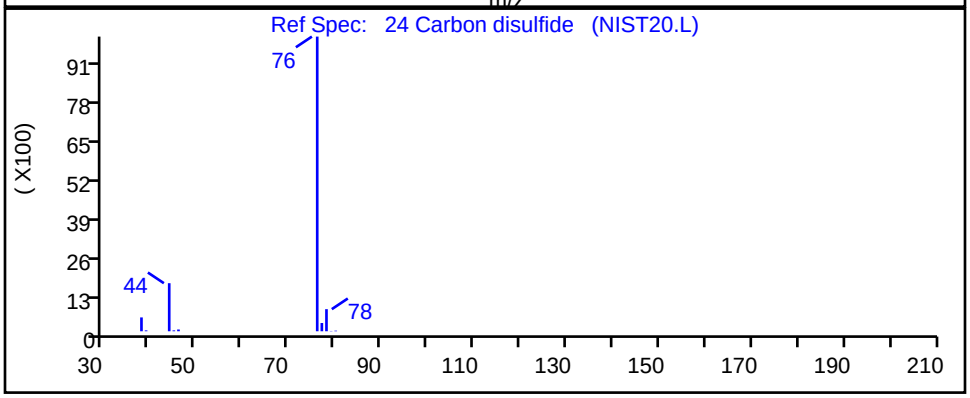
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.05	76.00	869	0.030130

Reviewer: BKZ7, 20-Dec-2022 08:31:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

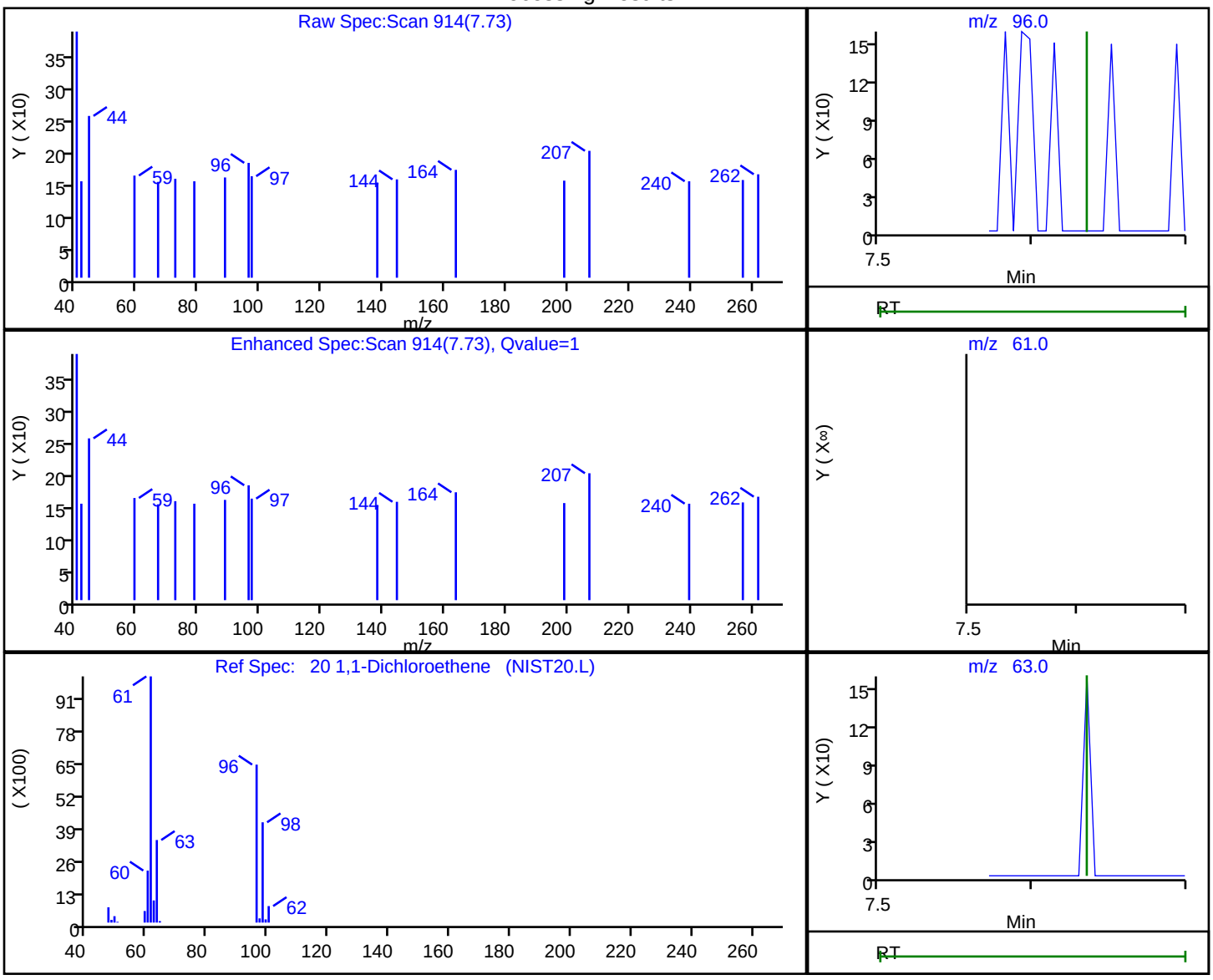
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.73	96.00	109	0.008811
7.64	61.00	0	
7.64	63.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:30:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

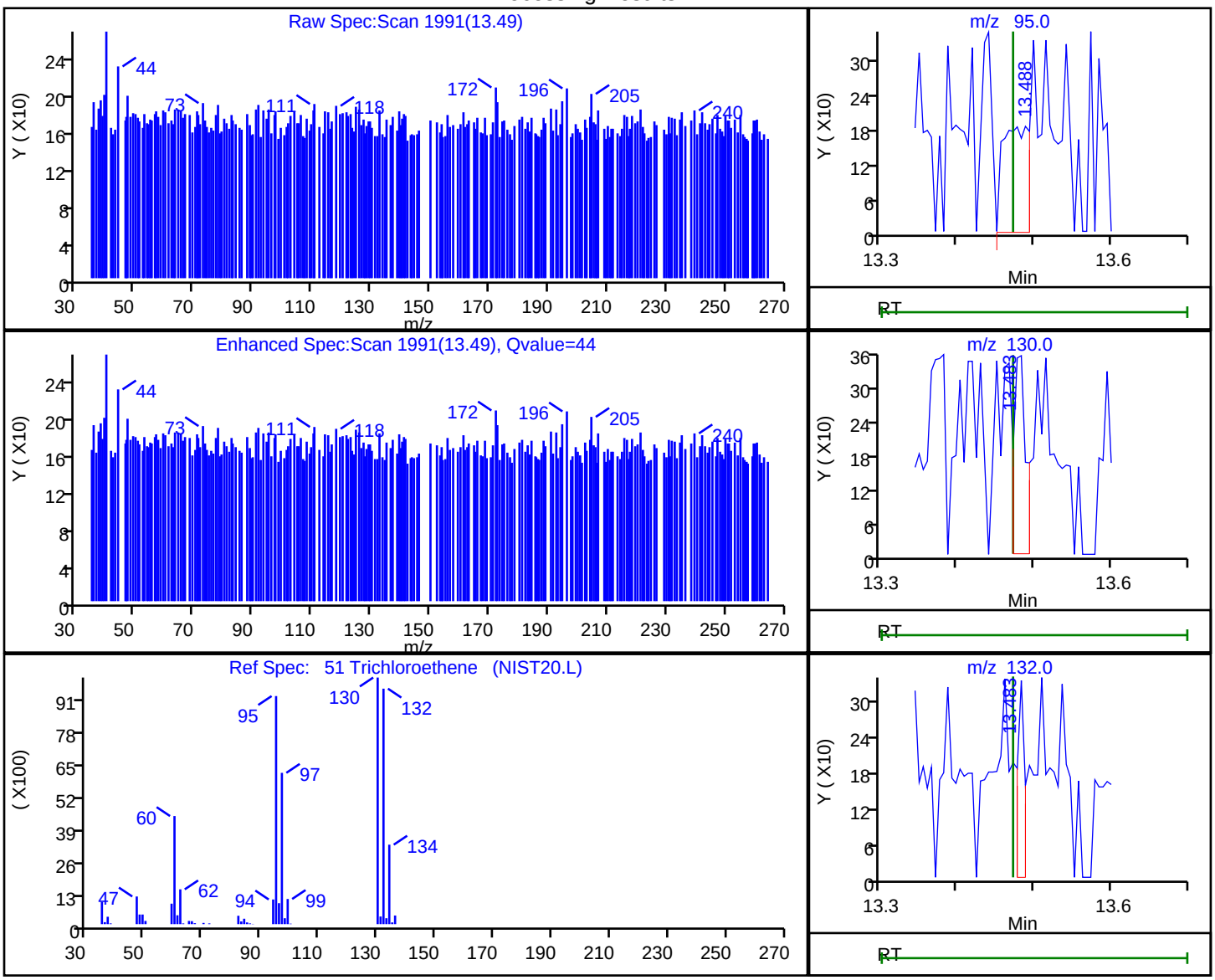
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
13.49	95.00	442	0.031030
13.48	130.00	392	
13.48	132.00	215	

Reviewer: BKZ7, 20-Dec-2022 08:31:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

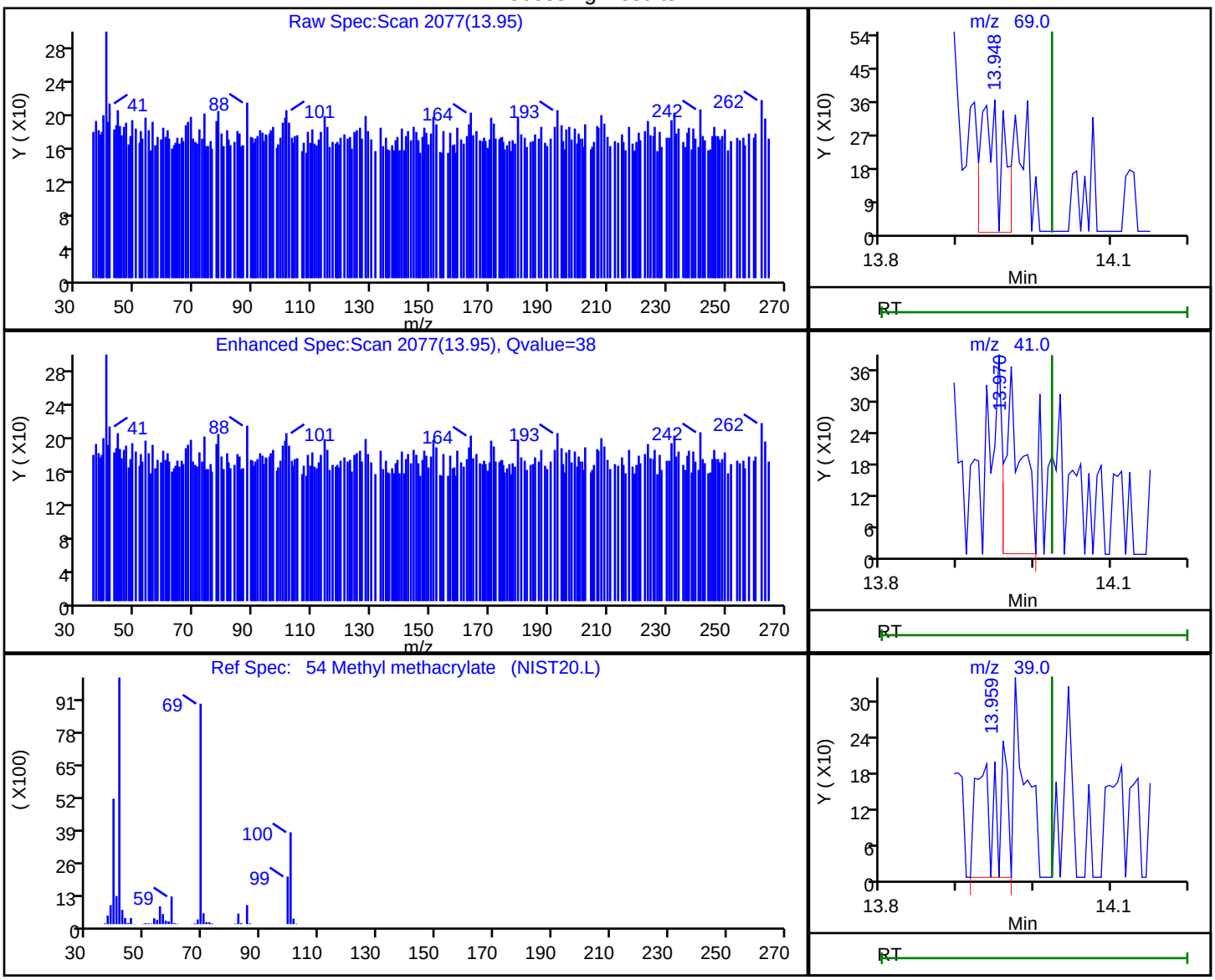
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
13.95	69.00	671	0.071335
13.97	41.00	516	
13.96	39.00	417	

Reviewer: BKZ7, 20-Dec-2022 08:31:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

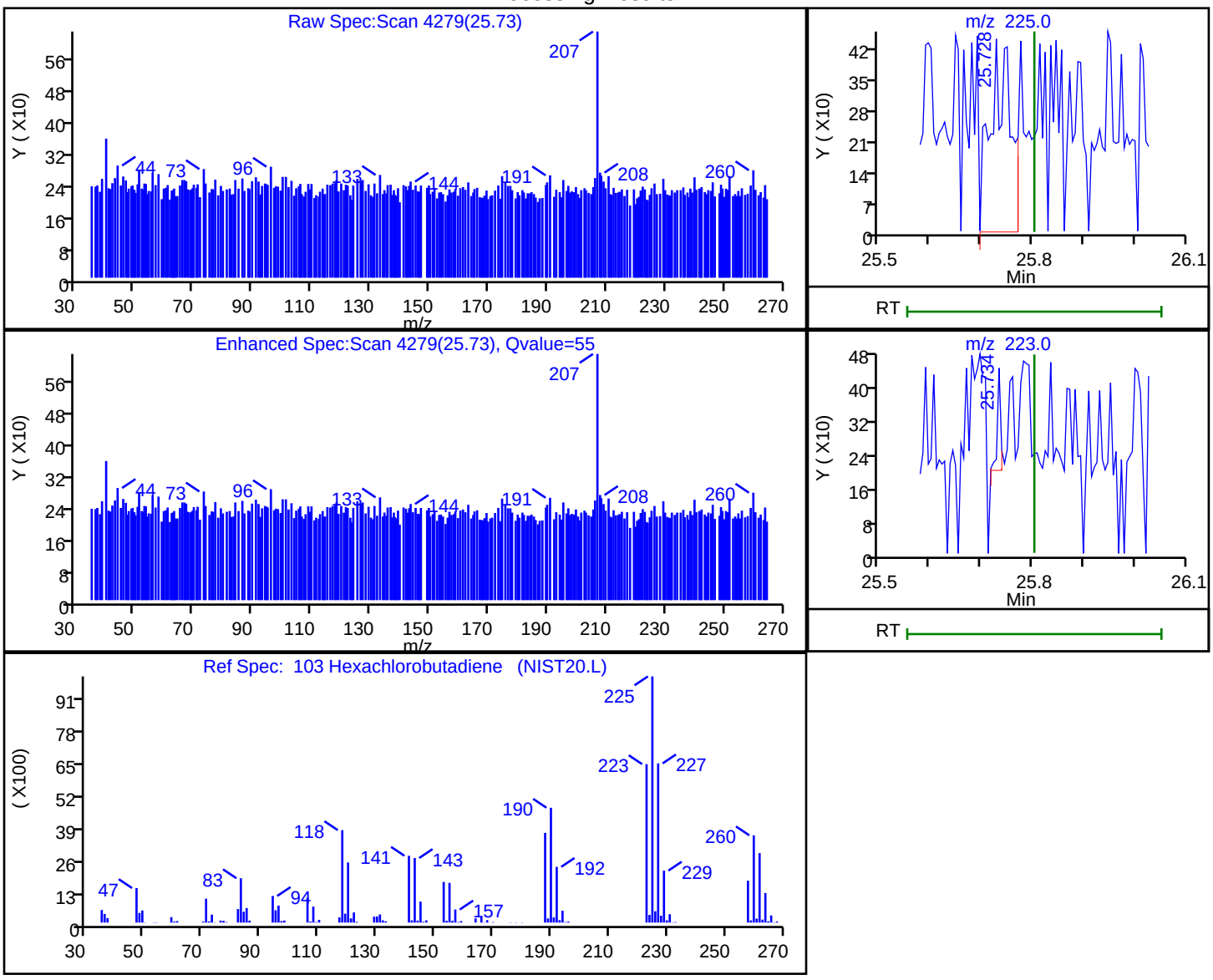
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

103 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
25.73	225.00	1203	0.043260
25.73	223.00	109	

Reviewer: BKZ7, 20-Dec-2022 08:32:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

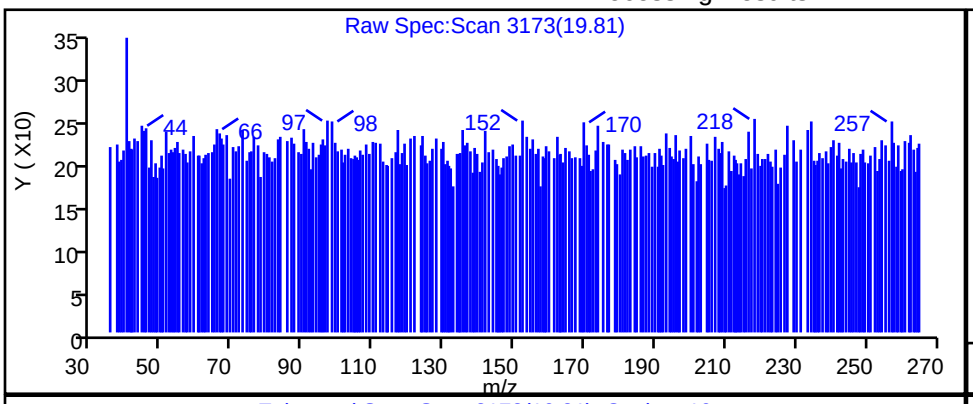
User Disabled Compound Report

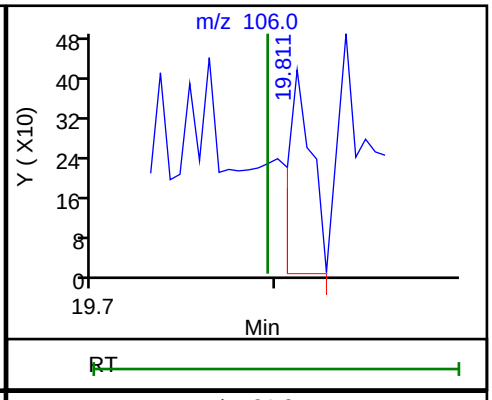
Eurofins Burlington

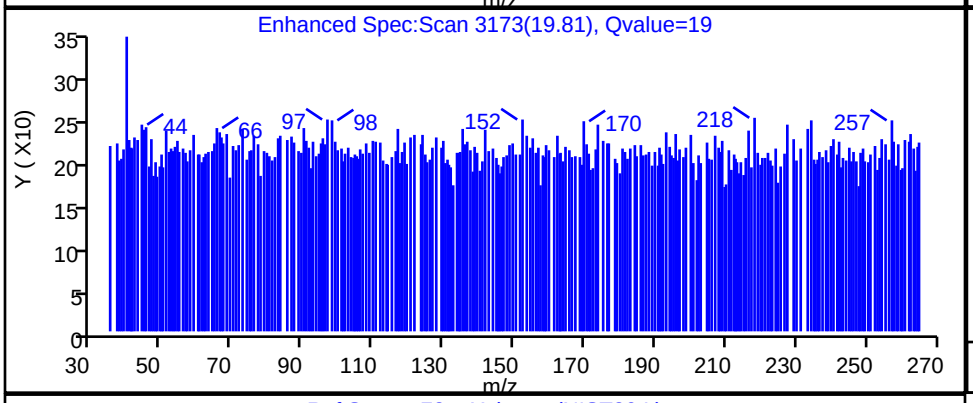
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-017.d				
Injection Date:	19-Dec-2022 20:50:30	Instrument ID:	CHW.i		
Lims ID:	200-66174-A-2	Lab Sample ID:	200-66174-2		
Client ID:	3423				
Operator ID:	vtp	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

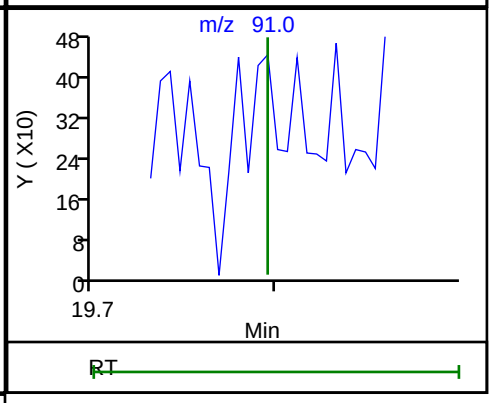
78 o-Xylene, CAS: 95-47-6

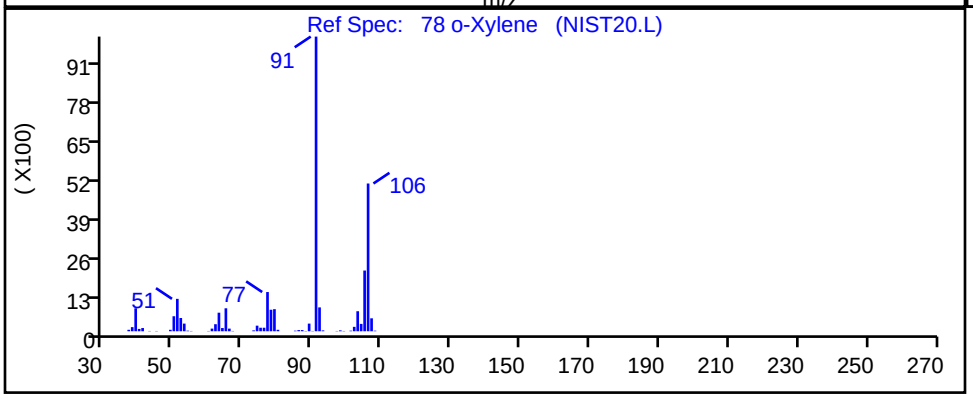
Processing Results











RT	Mass	Response	Amount
19.81	106.00	359	0.018314
19.80	91.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:31:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66197-1

SDG No.:

Client Sample ID: 2637 Lab Sample ID: 200-66197-3

Matrix: Air Lab File ID: 53728-018.d

Analysis Method: TO-15 Date Collected: 12/17/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/19/2022 21:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186829 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66197-1

SDG No.:

Client Sample ID: 2637 Lab Sample ID: 200-66197-3

Matrix: Air Lab File ID: 53728-018.d

Analysis Method: TO-15 Date Collected: 12/17/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/19/2022 21:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ___ % Solids: ___ Level: (low/med) Low

Analysis Batch No.: 186829 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66197-1

SDG No.:

Client Sample ID: 2637 Lab Sample ID: 200-66197-3

Matrix: Air Lab File ID: 53728-018.d

Analysis Method: TO-15 Date Collected: 12/17/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/19/2022 21:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186829 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d
Lims ID: 200-66197-A-3
Client ID: 2637
Sample Type: Client
Inject. Date: 19-Dec-2022 21:56:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053728-018
Misc. Info.: 66197-3
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Dec-2022 08:35:25 Calib Date: 15-Dec-2022 23:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221215-53700.b\53700-013.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1649

First Level Reviewer: BKZ7 Date: 20-Dec-2022 08:35:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.083				ND	7
2 Dichlorodifluoromethane	85		4.174				ND	7
3 Chlorodifluoromethane	51		4.217				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.517				ND	7
5 Chloromethane	50		4.629				ND	MU
6 Vinyl chloride	62		4.928				ND	MU
7 Butane	43		4.934				ND	7
8 Butadiene	54		5.041				ND	MU
9 Bromomethane	94		5.742				ND	MU
10 Chloroethane	64		6.009				ND	MU
13 Vinyl bromide	106		6.421				ND	MU
14 Trichlorofluoromethane	101		6.587				ND	MU
16 Ethanol	45		6.956				ND	MU
20 1,1-Dichloroethene	96		7.635				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.678				ND	7
22 Acetone	43		7.710				ND	
23 Isopropyl alcohol	45		8.010				ND	7
24 Carbon disulfide	76		8.042				ND	MU
26 3-Chloro-1-propene	41		8.325				ND	7
27 Methylene Chloride	49		8.556				ND	7
28 2-Methyl-2-propanol	59		8.775				ND	
30 trans-1,2-Dichloroethene	61		9.053				ND	MU
31 Methyl tert-butyl ether	73		9.069				ND	MU
32 Hexane	57		9.561				ND	MU
33 1,1-Dichloroethane	63		9.807				ND	MU
34 Vinyl acetate	43		9.823				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		10.765				ND	
37 cis-1,2-Dichloroethene	96		10.792				ND	7
38 Ethyl acetate	88		10.856				ND	
* 39 Chlorobromomethane	128	11.198	11.204	-0.006	78	68009	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Tetrahydrofuran	42		11.252				ND	7
	41 Chloroform	83		11.380				ND	7
	42 1,1,1-Trichloroethane	97		11.680				ND	7
	43 Cyclohexane	84		11.819				ND	MU
	44 Carbon tetrachloride	117		11.958				ND	7
	45 Benzene	78		12.300				ND	
	46 1,2-Dichloroethane	62		12.375				ND	
	47 Isooctane	57		12.525				ND	
	48 n-Heptane	43		12.835				ND	7
*	49 1,4-Difluorobenzene	114	13.039	13.044	-0.005	93	340044	10.0	
	51 Trichloroethene	95		13.472				ND	MU
	53 1,2-Dichloropropane	63		13.921				ND	
	54 Methyl methacrylate	69		14.023				ND	MU
	55 1,4-Dioxane	88		14.060				ND	7
	57 Dibromomethane	174		14.082				ND	MU
	58 Dichlorobromomethane	83		14.392				ND	7
	59 cis-1,3-Dichloropropene	75		15.189				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	7
	62 Toluene	92		15.831				ND	7
	66 trans-1,3-Dichloropropene	75		16.248				ND	MU
	67 1,1,2-Trichloroethane	83		16.623				ND	MU
	68 Tetrachloroethene	166		16.821				ND	7
	69 2-Hexanone	43		17.040				ND	7
	70 Chlorodibromomethane	129		17.356				ND	MU
	71 Ethylene Dibromide	107		17.591				ND	MU
*	73 Chlorobenzene-d5	117	18.506	18.506	0.000	83	282963	10.0	
	74 Chlorobenzene	112		18.565				ND	MU
	75 Ethylbenzene	91		18.763				ND	MU
	76 m-Xylene & p-Xylene	106		19.025				ND	MU
	78 o-Xylene	106		19.795				ND	MU
	79 Styrene	104		19.833				ND	MU
S	80 Xylenes, Total	106		20.100				ND	7
	81 Bromoform	173		20.186				ND	MU
	82 Isopropylbenzene	105		20.523				ND	MU
	83 1,1,2,2-Tetrachloroethane	83		21.052				ND	7
	85 N-Propylbenzene	91		21.261				ND	7
	86 2-Chlorotoluene	91		21.411				ND	7
	87 4-Ethyltoluene	105		21.464				ND	7
	88 1,3,5-Trimethylbenzene	105		21.566				ND	7
	91 tert-Butylbenzene	119		22.053				ND	MU
	92 1,2,4-Trimethylbenzene	105		22.144				ND	7
	93 sec-Butylbenzene	105		22.385				ND	7
	94 1,3-Dichlorobenzene	146		22.556				ND	7
	95 4-Isopropyltoluene	119		22.604				ND	7
	96 1,4-Dichlorobenzene	146		22.700				ND	MU
	97 Benzyl chloride	91		22.850				ND	MU
	98 n-Butylbenzene	91		23.160				ND	7
	99 1,2-Dichlorobenzene	146		23.182				ND	MU
	102 1,2,4-Trichlorobenzene	180		25.562				ND	7
	103 Hexachlorobutadiene	225		25.803				ND	7
	104 Naphthalene	128		26.022				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

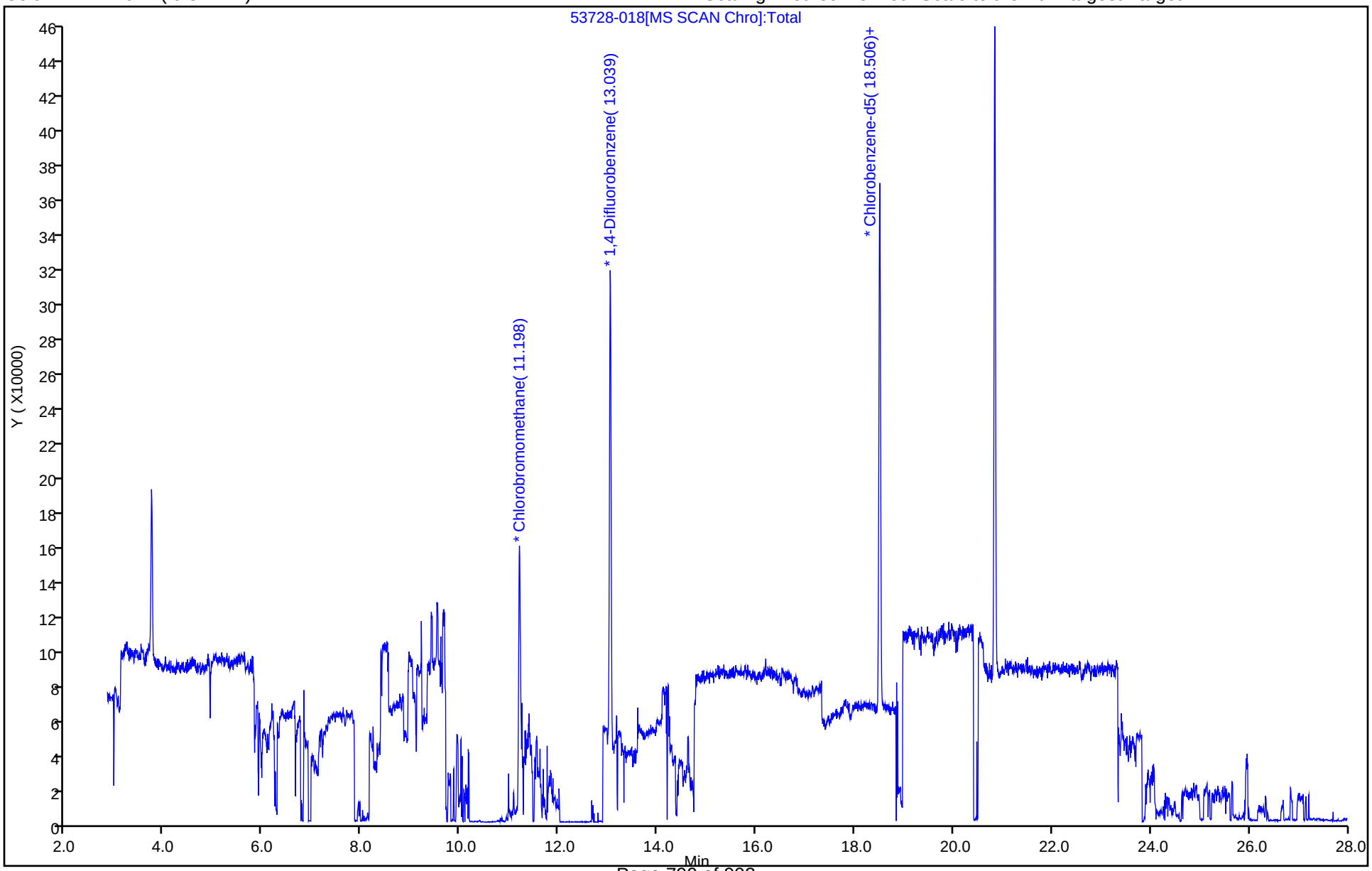
Report Date: 20-Dec-2022 08:35:26 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d

Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3	Worklist Smp#:	18
Client ID:	2637				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	17
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



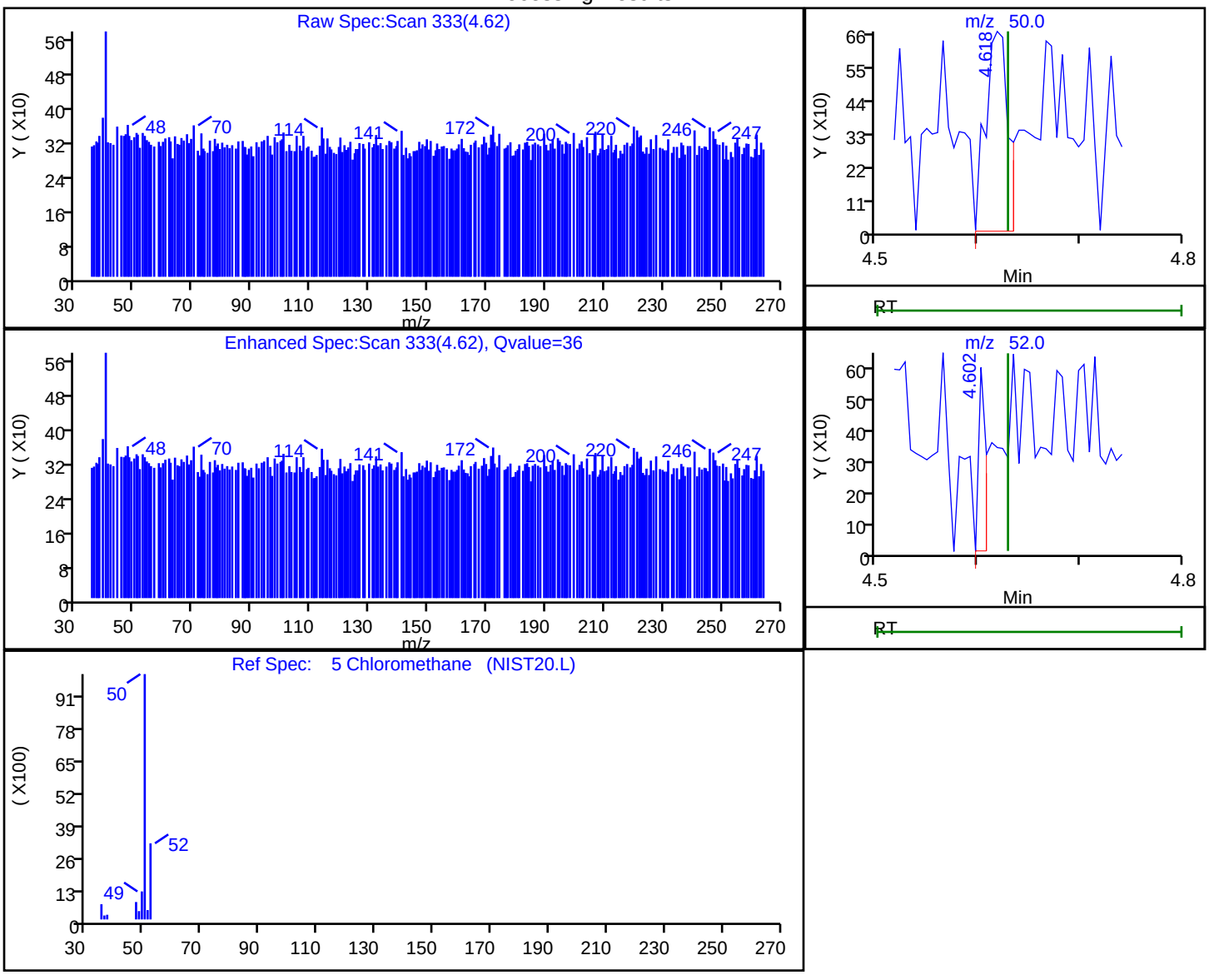
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
4.62	50.00	1037	0.096336
4.60	52.00	295	

Reviewer: BKZ7, 20-Dec-2022 08:35:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

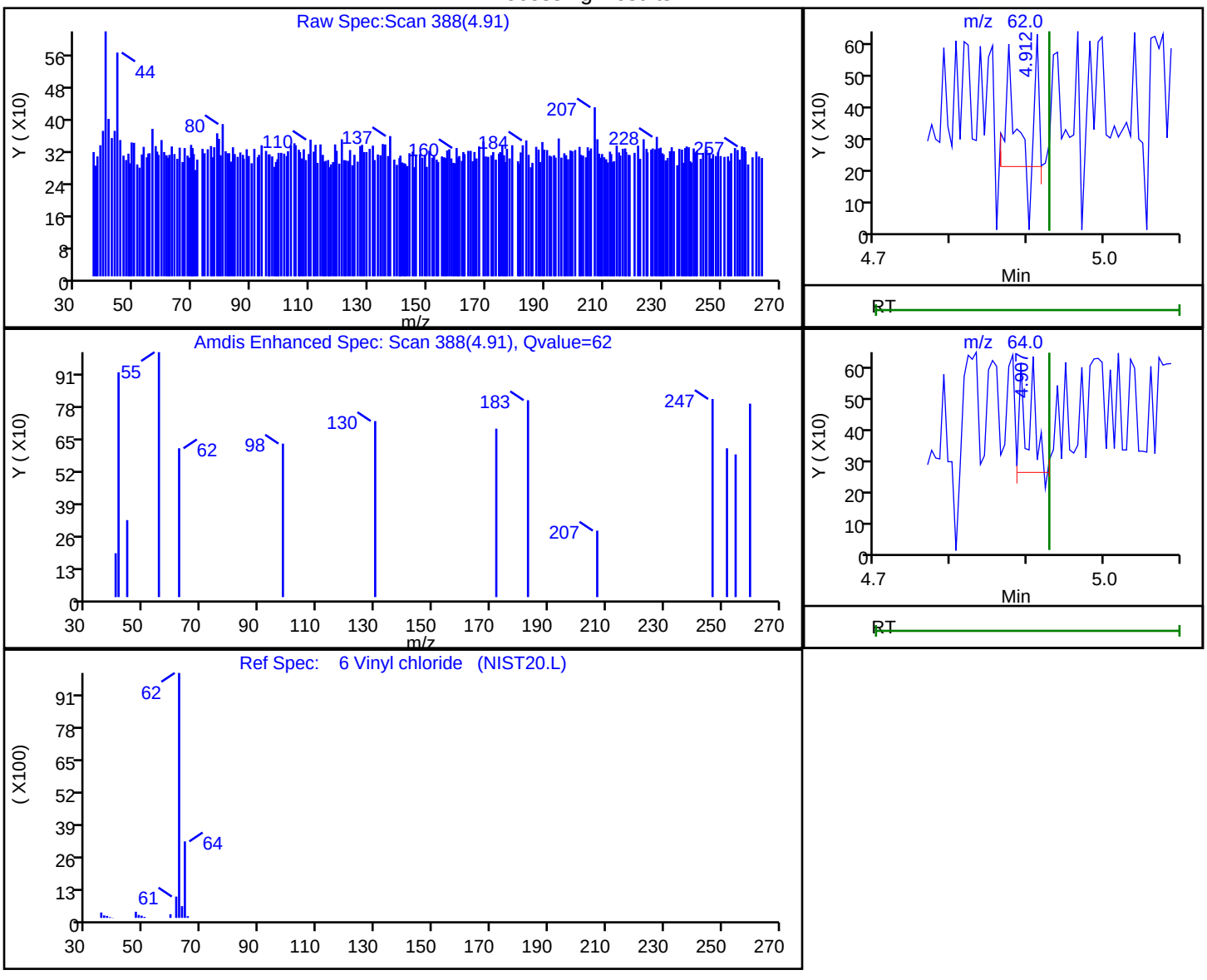
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.91	62.00	416	0.031772
4.91	64.00	349	

Reviewer: BKZ7, 20-Dec-2022 08:35:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

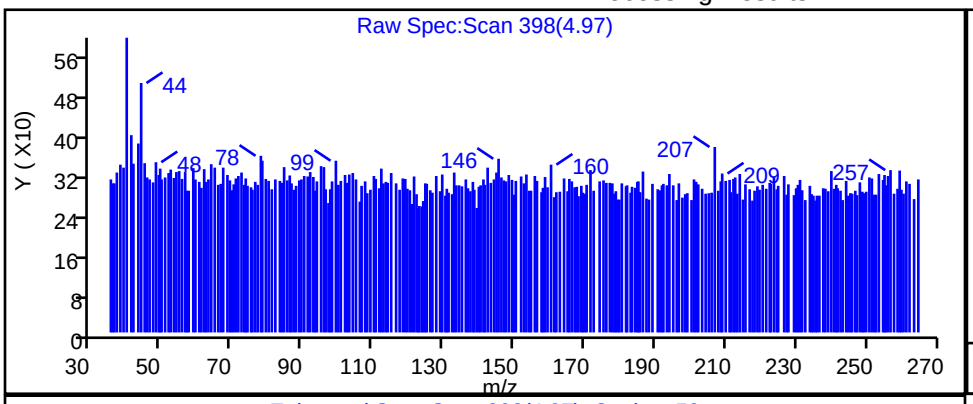
User Disabled Compound Report

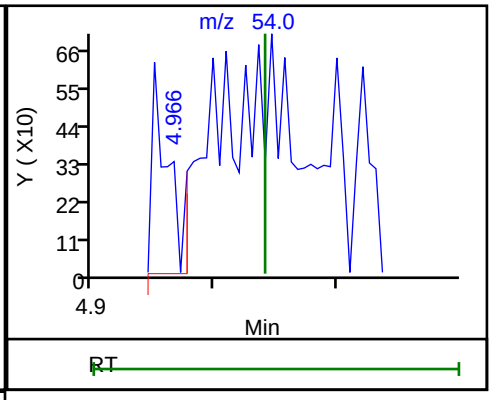
Eurofins Burlington

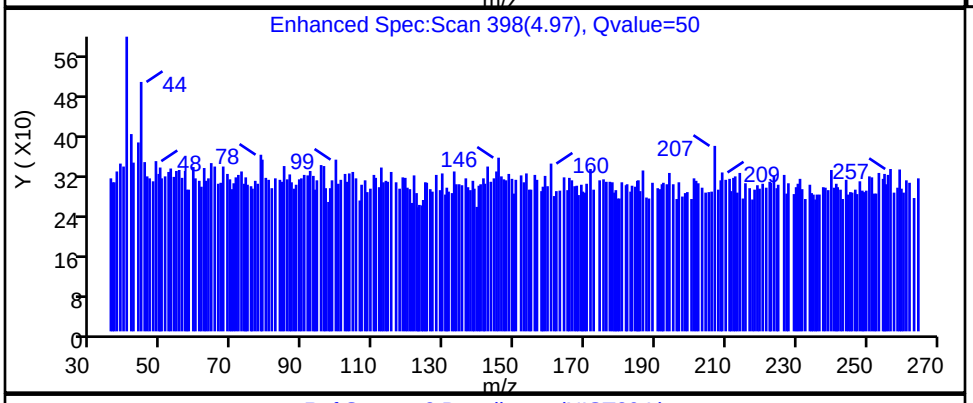
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

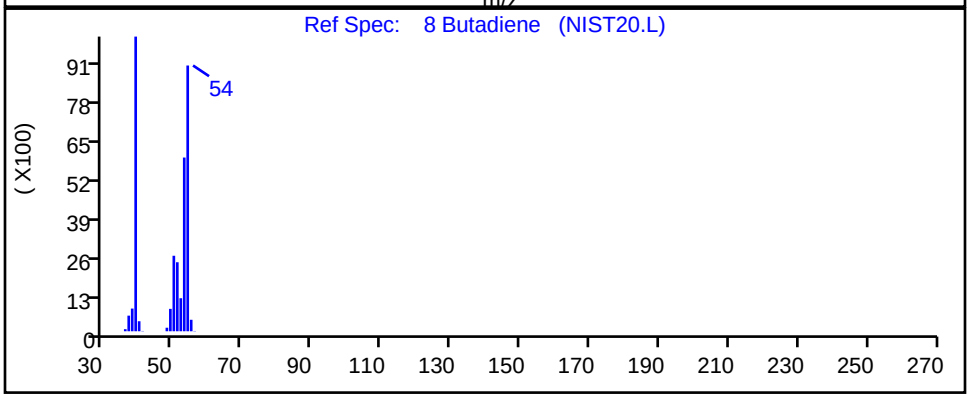
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
4.97	54.00	598	0.063509

Reviewer: BKZ7, 20-Dec-2022 08:35:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

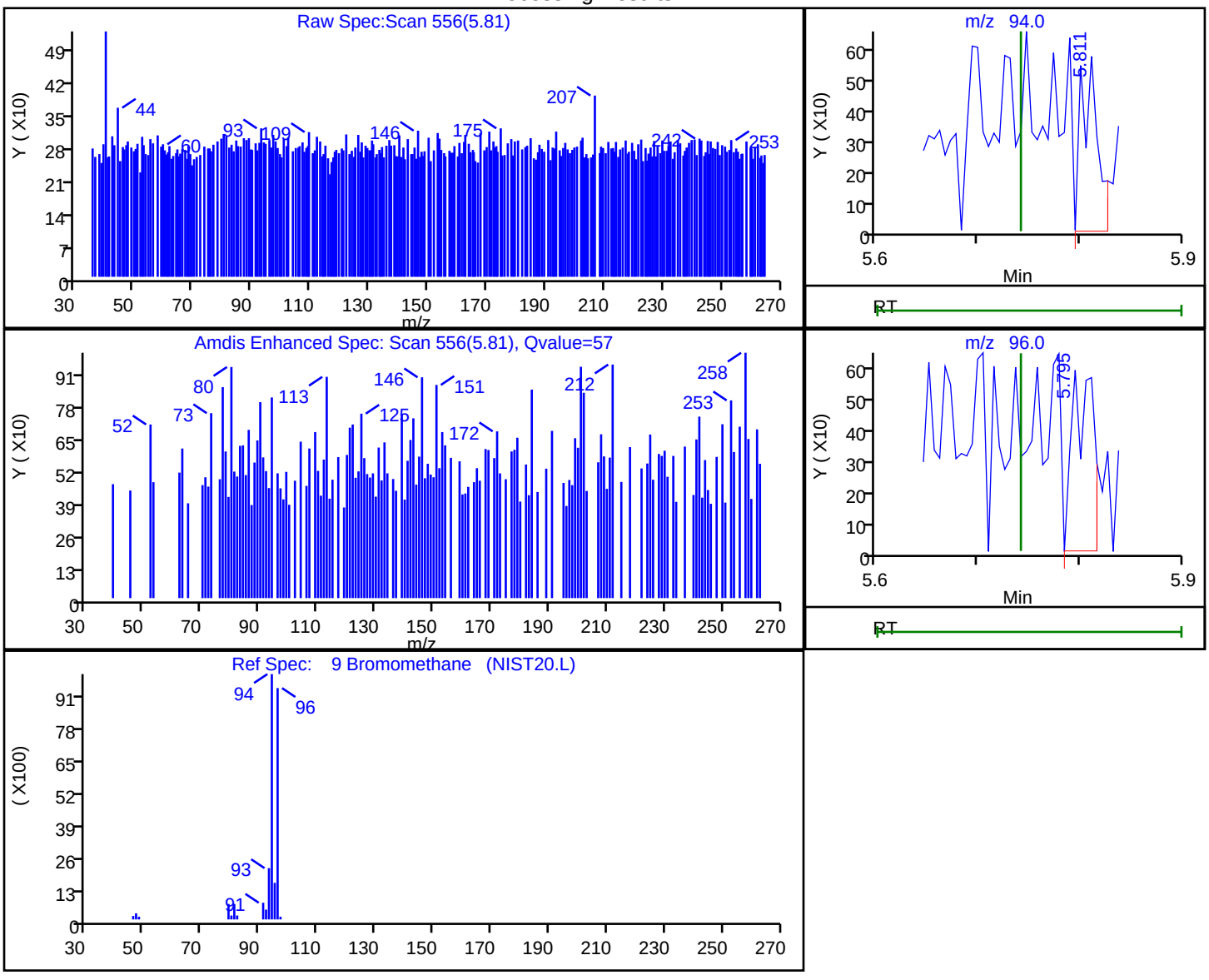
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
5.81	94.00	645	0.048263
5.80	96.00	848	

Reviewer: BKZ7, 20-Dec-2022 08:35:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

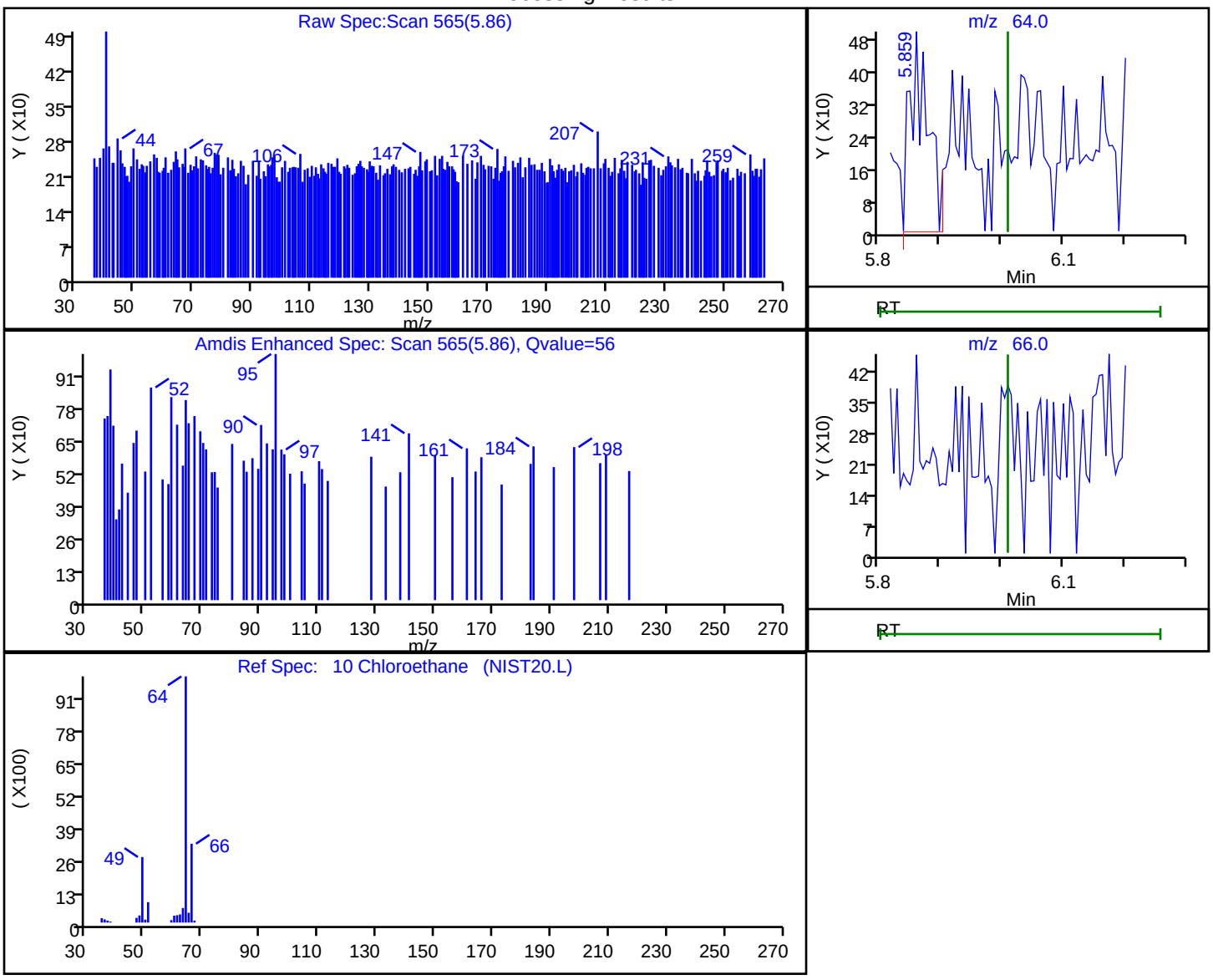
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
5.86	64.00	1013	0.152277
6.01	66.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:35:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

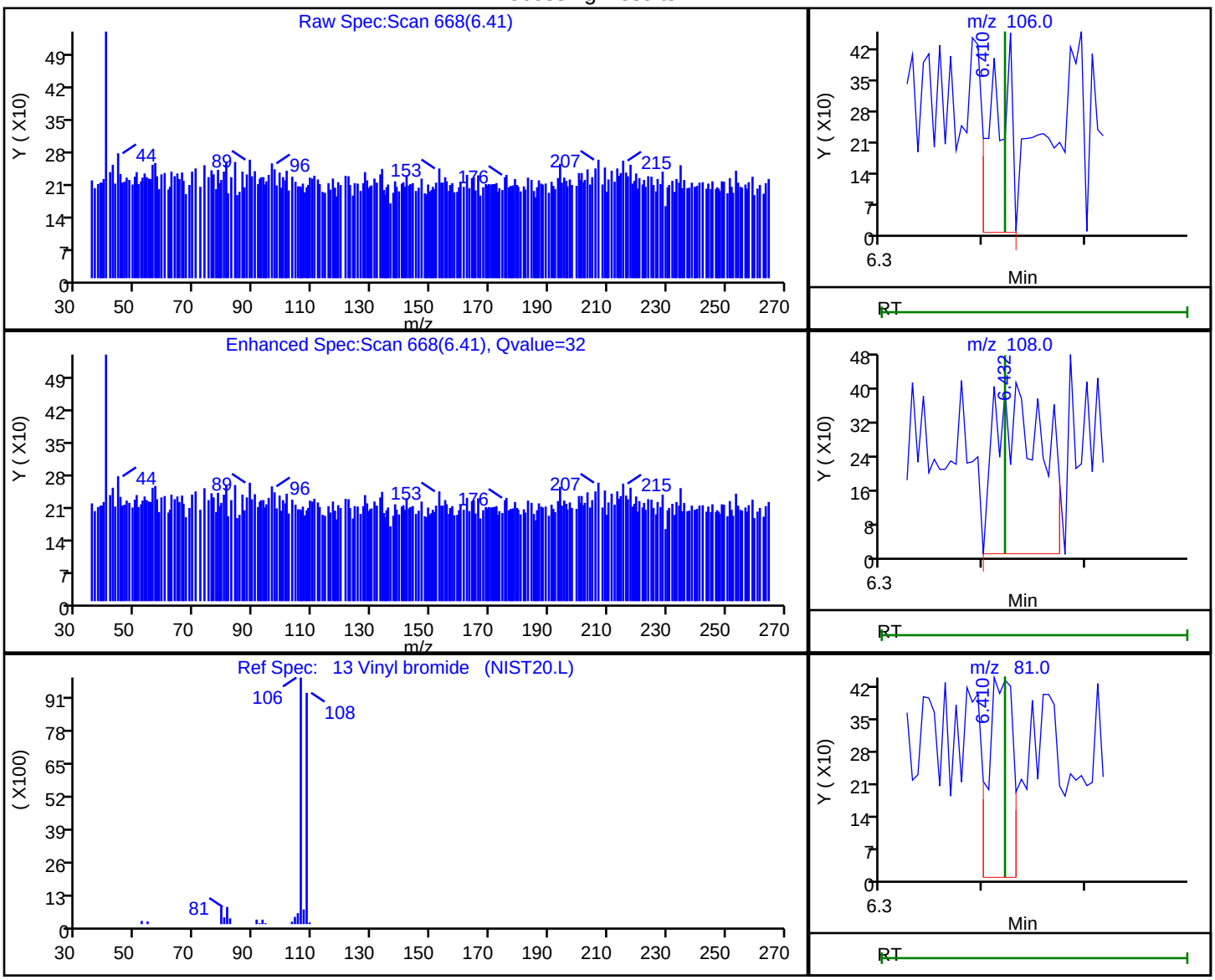
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Vinyl bromide, CAS: 593-60-2

Processing Results



RT	Mass	Response	Amount
6.41	106.00	545	0.041749
6.43	108.00	1283	
6.41	81.00	732	

Reviewer: BKZ7, 20-Dec-2022 08:35:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

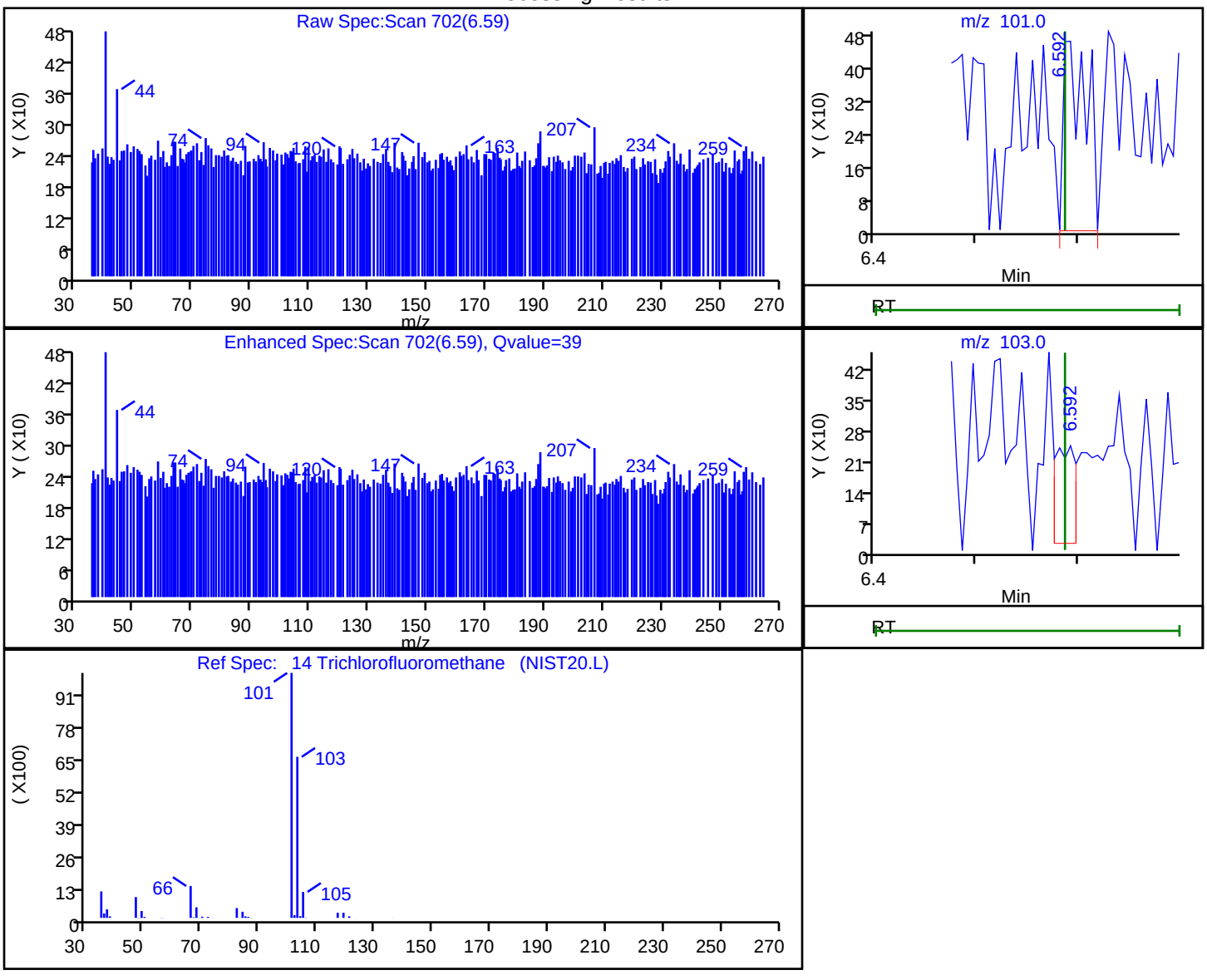
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
6.59	101.00	709	0.025799
6.59	103.00	330	

Reviewer: BKZ7, 20-Dec-2022 08:35:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

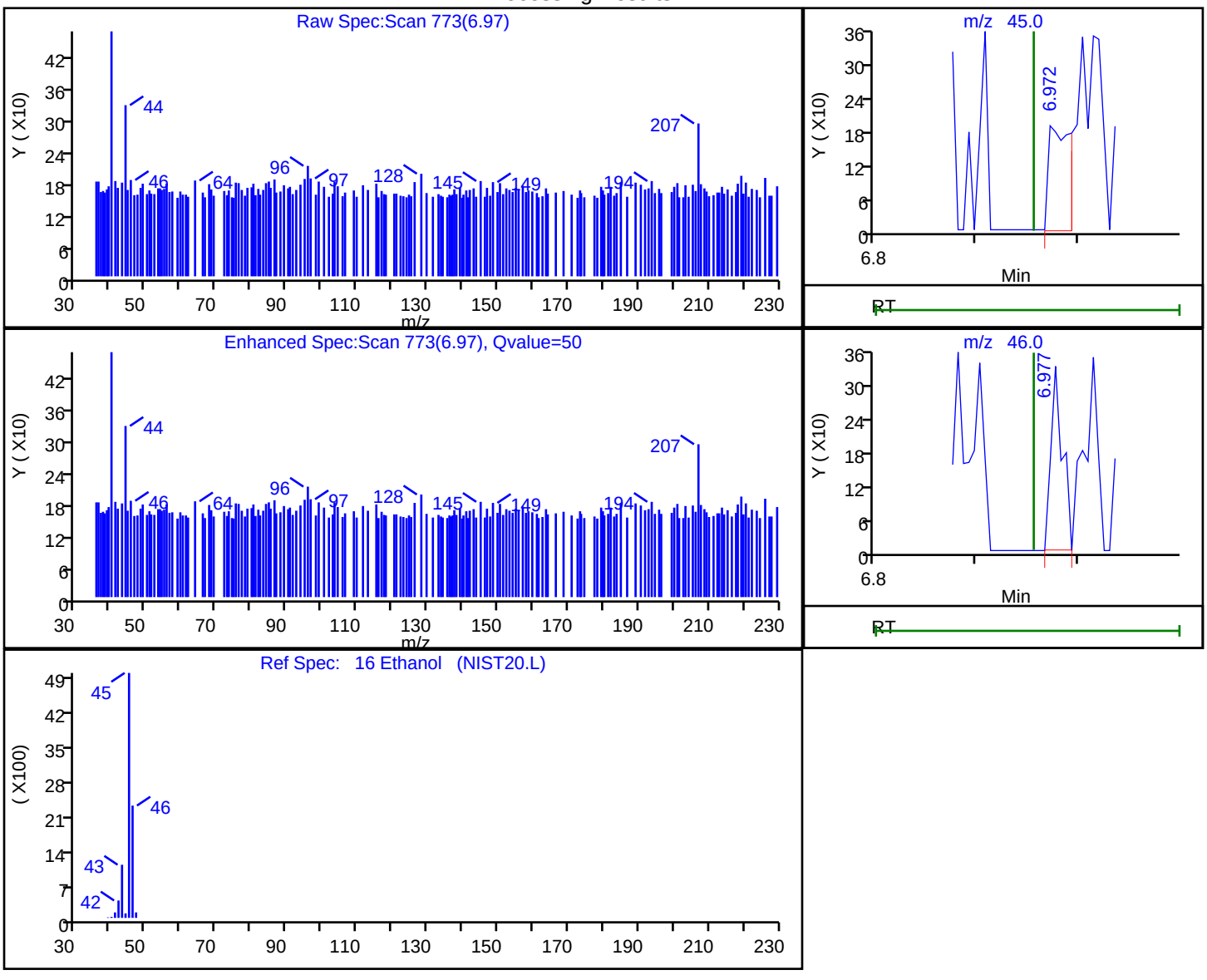
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
6.97	45.00	274	0.064658
6.98	46.00	261	

Reviewer: BKZ7, 20-Dec-2022 08:34:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

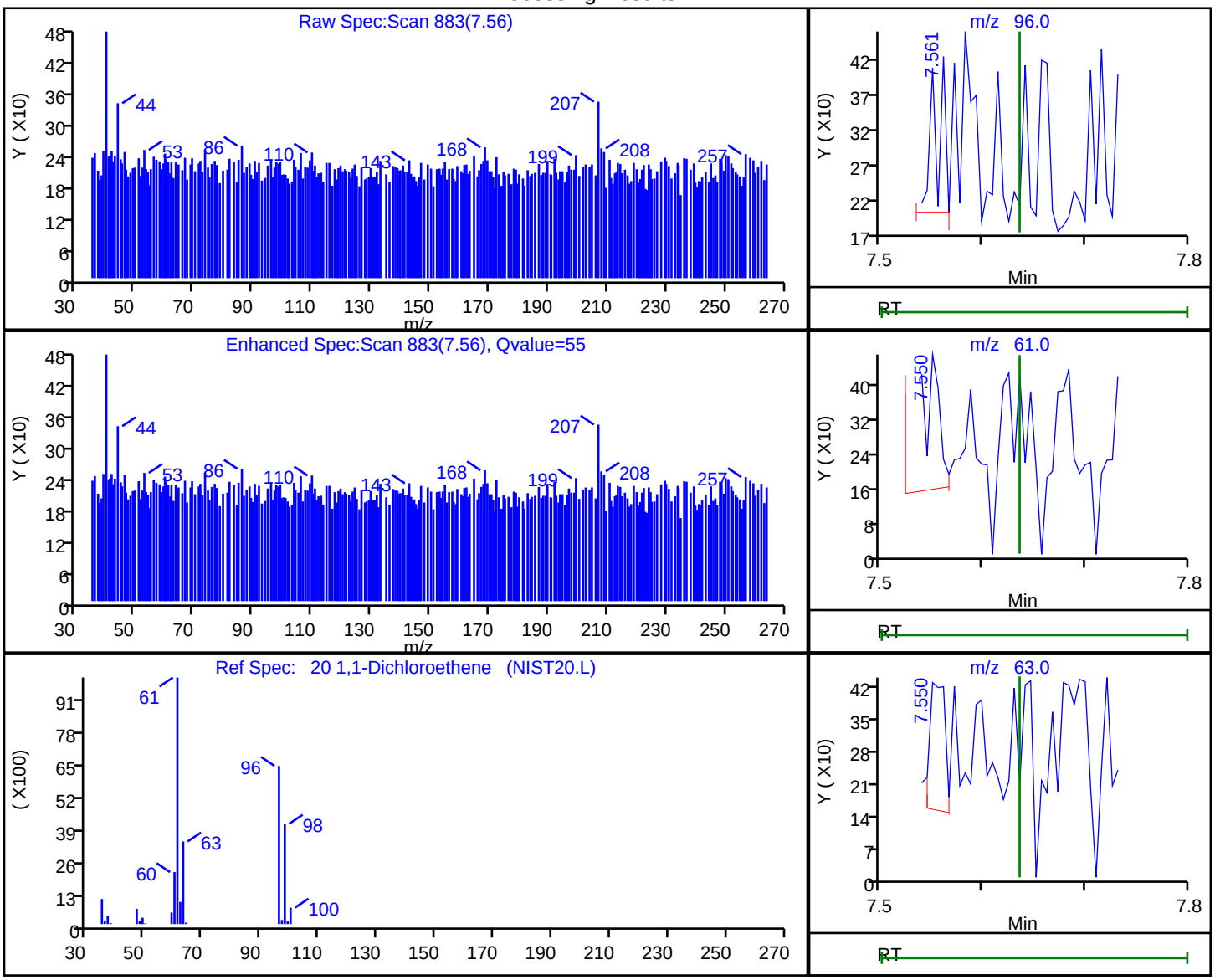
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.56	96.00	153	0.012539
7.55	61.00	374	
7.55	63.00	294	

Reviewer: BKZ7, 20-Dec-2022 08:34:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

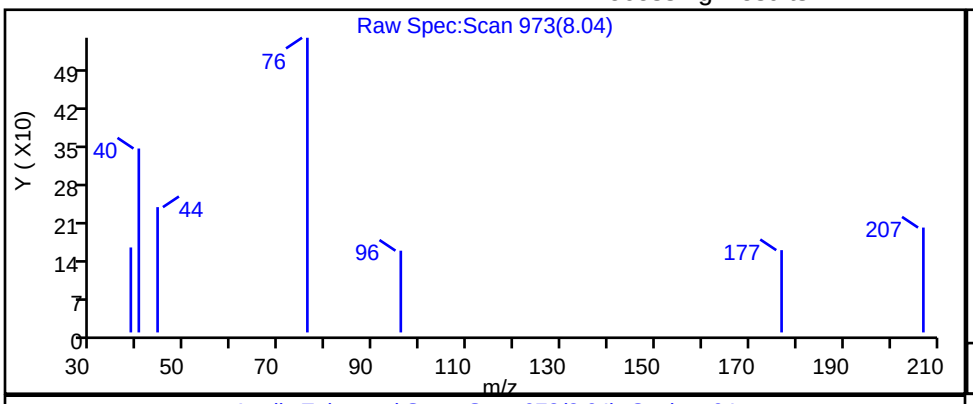
User Disabled Compound Report

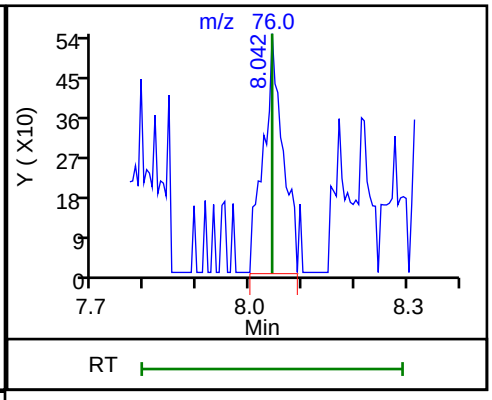
Eurofins Burlington

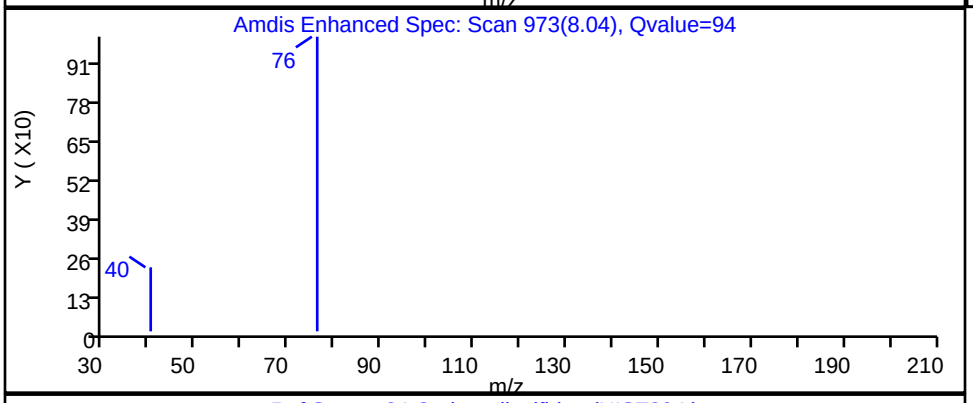
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

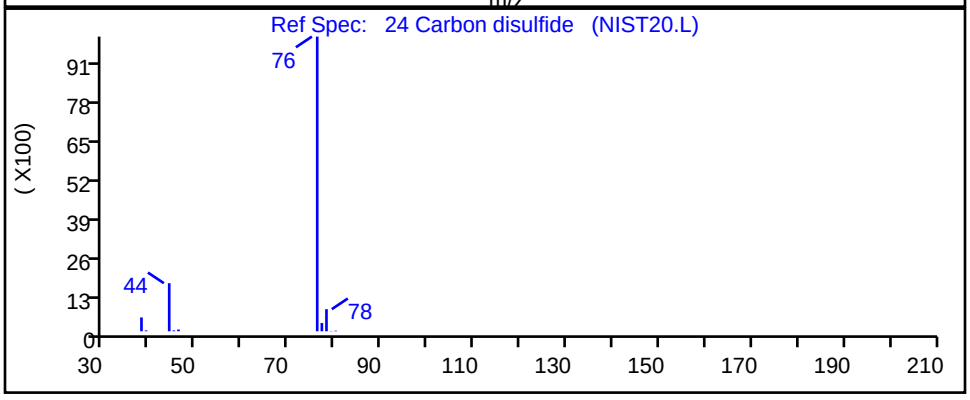
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.04	76.00	1413	0.049672

Reviewer: BKZ7, 20-Dec-2022 08:34:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

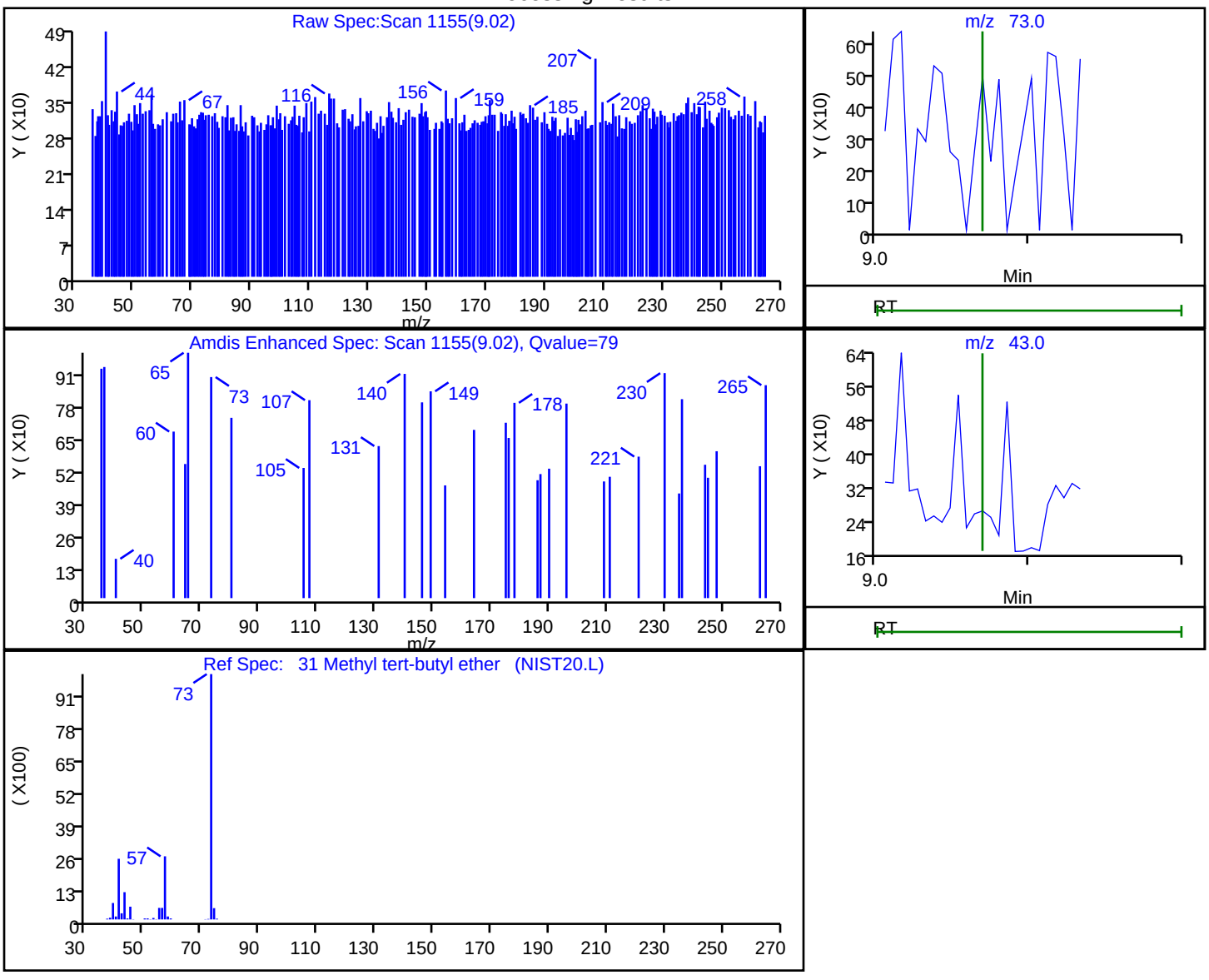
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
9.02	73.00	602	0.023185
9.07	43.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:34:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

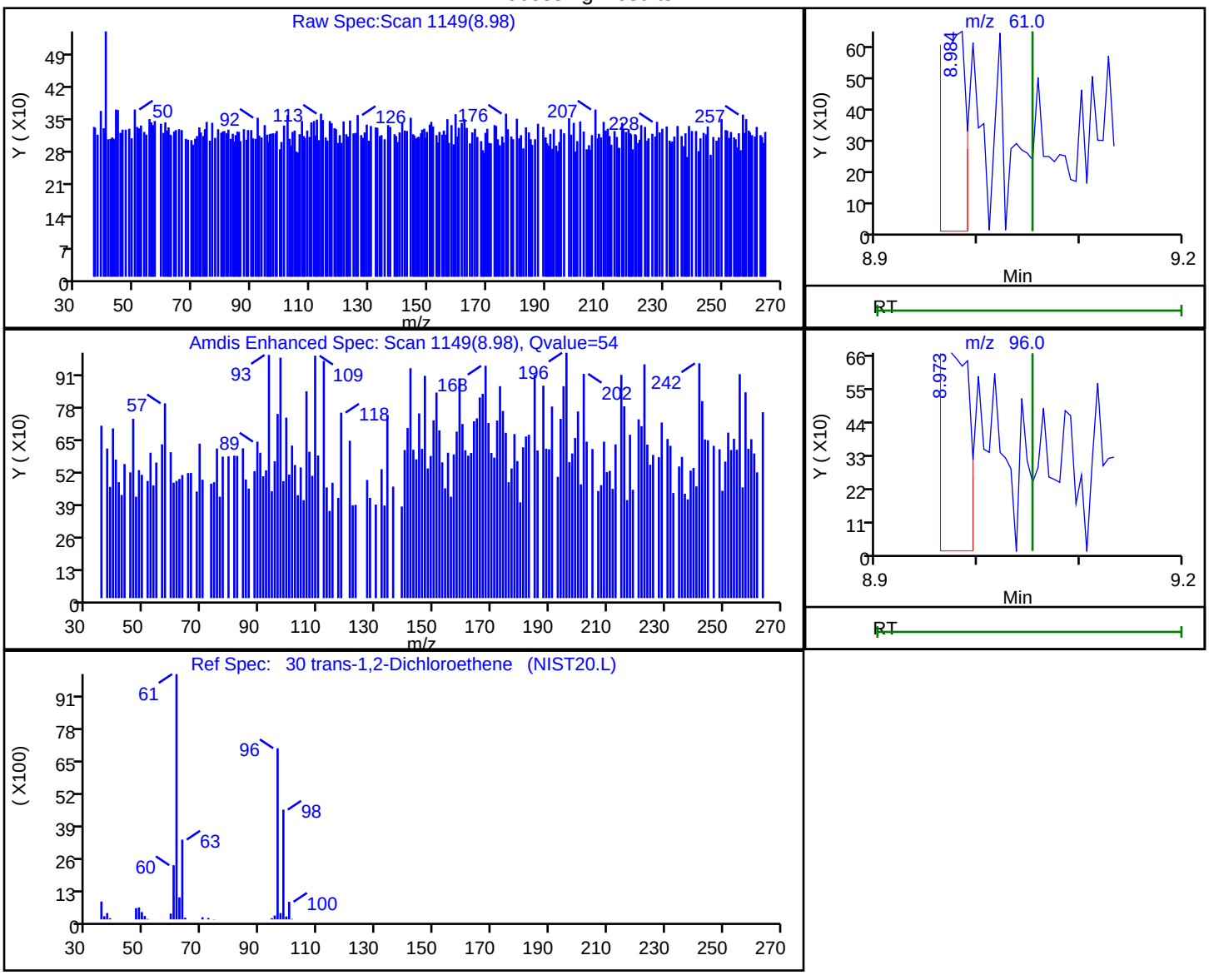
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
8.98	61.00	1003	0.082926
8.97	96.00	1235	

Reviewer: BKZ7, 20-Dec-2022 08:34:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

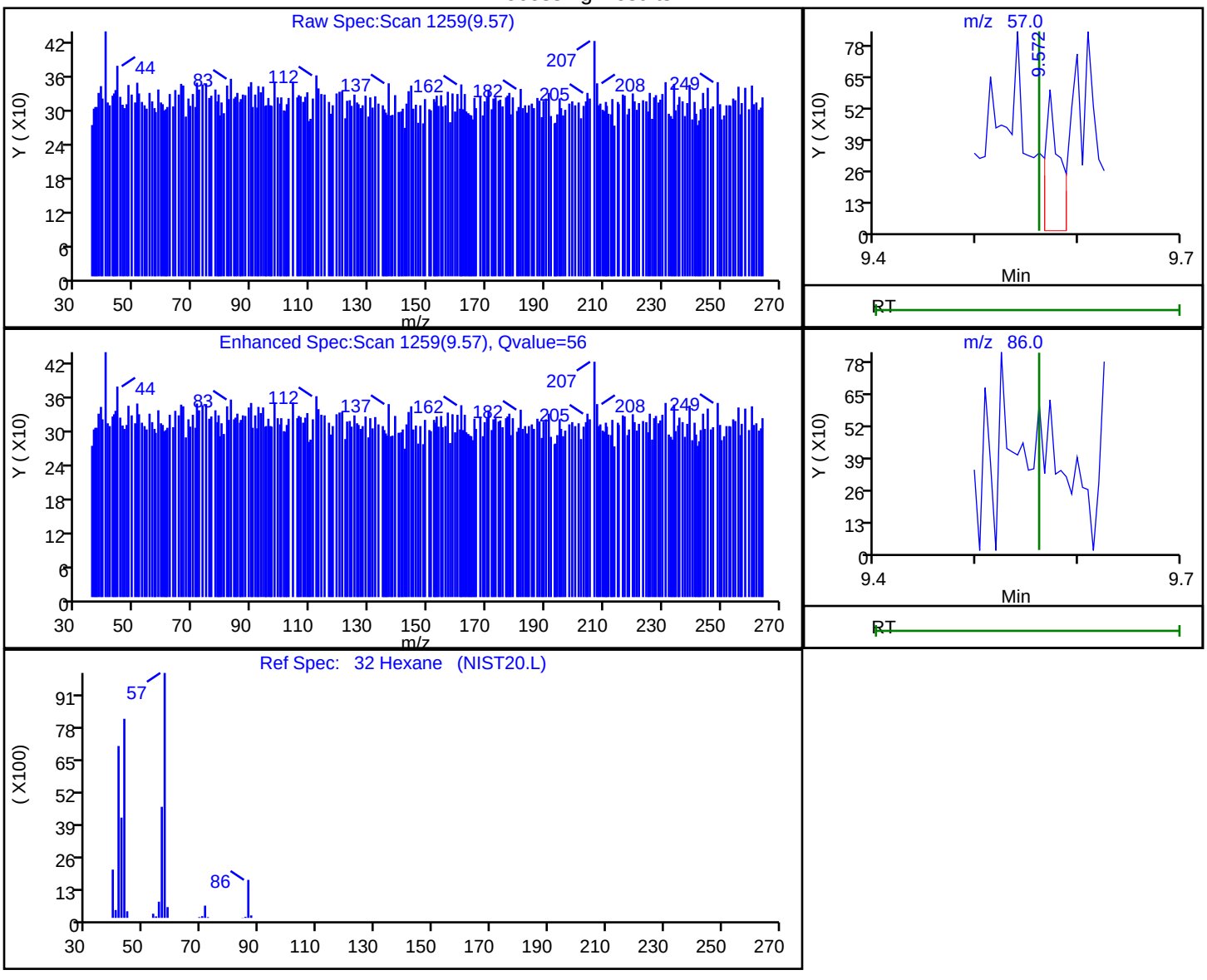
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.57	57.00	560	0.042112
9.56	86.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:34:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

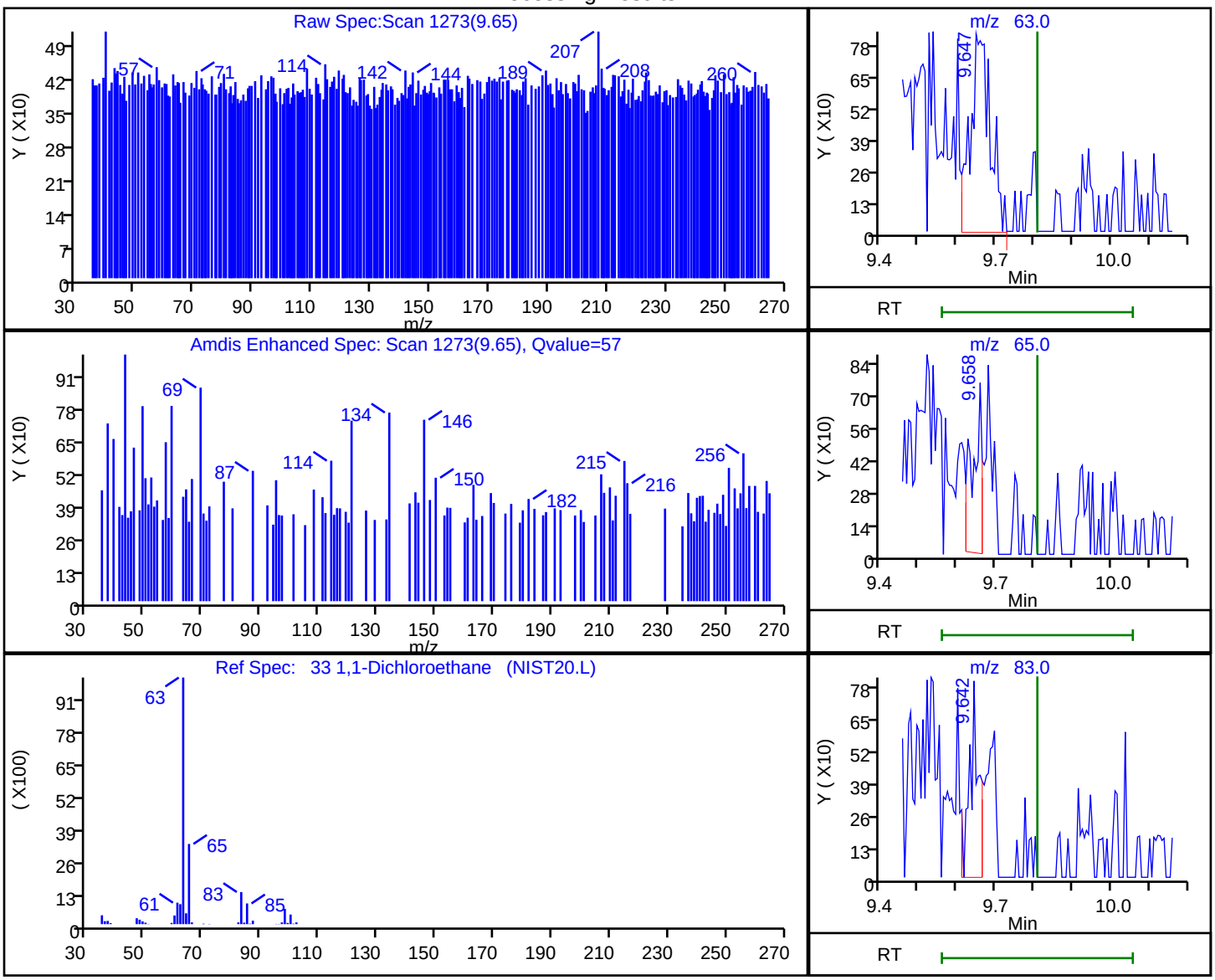
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
9.65	63.00	2967	0.189903
9.66	65.00	1214	
9.64	83.00	1300	

Reviewer: BKZ7, 20-Dec-2022 08:34:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

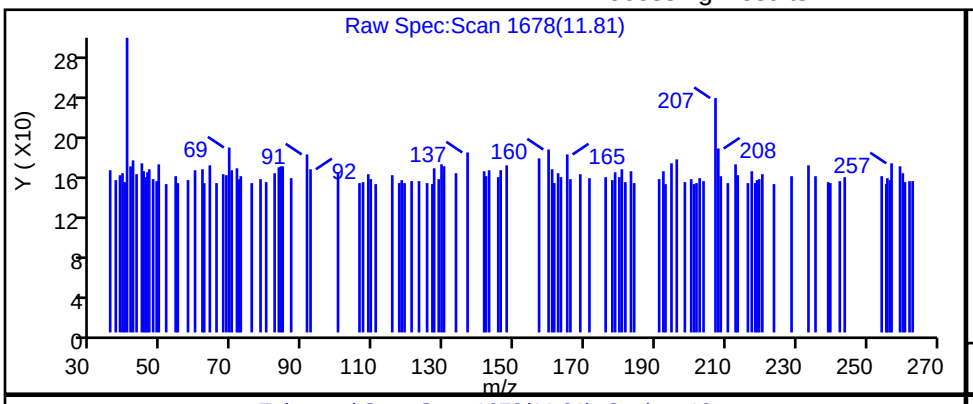
User Disabled Compound Report

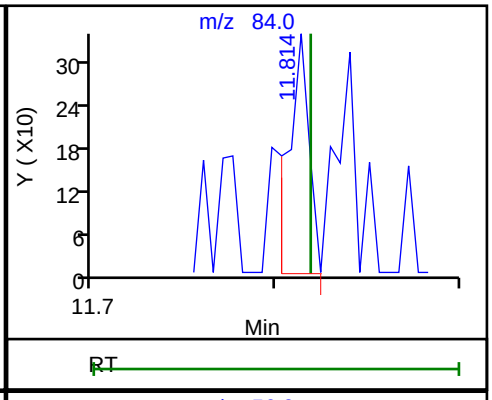
Eurofins Burlington

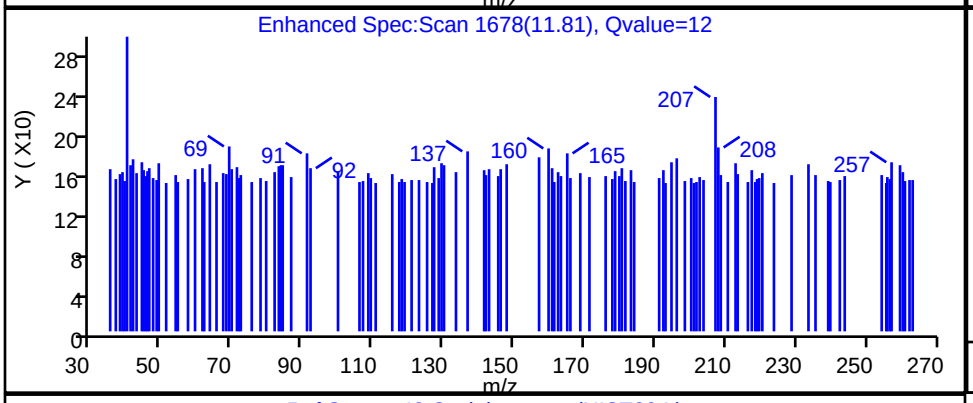
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

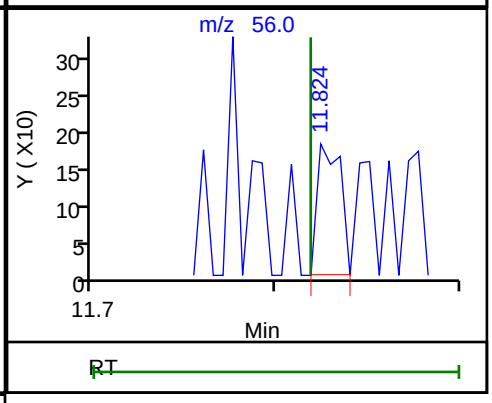
43 Cyclohexane, CAS: 110-82-7

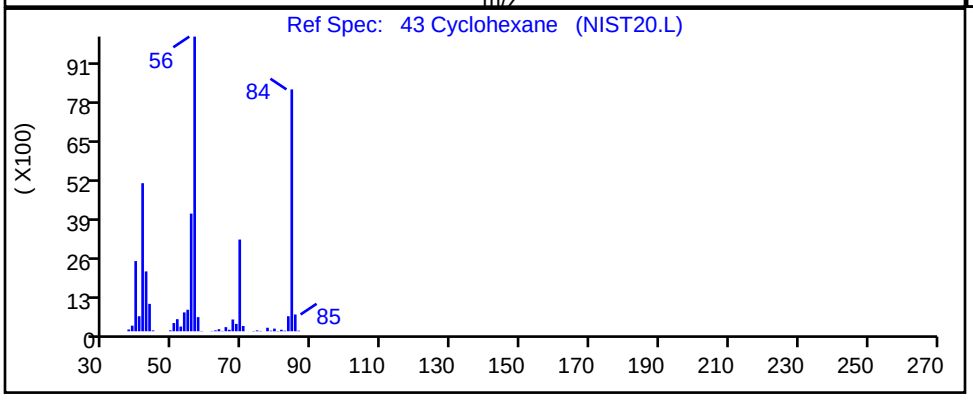
Processing Results











RT	Mass	Response	Amount
11.81	84.00	265	0.019522
11.82	56.00	159	

Reviewer: BKZ7, 20-Dec-2022 08:34:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

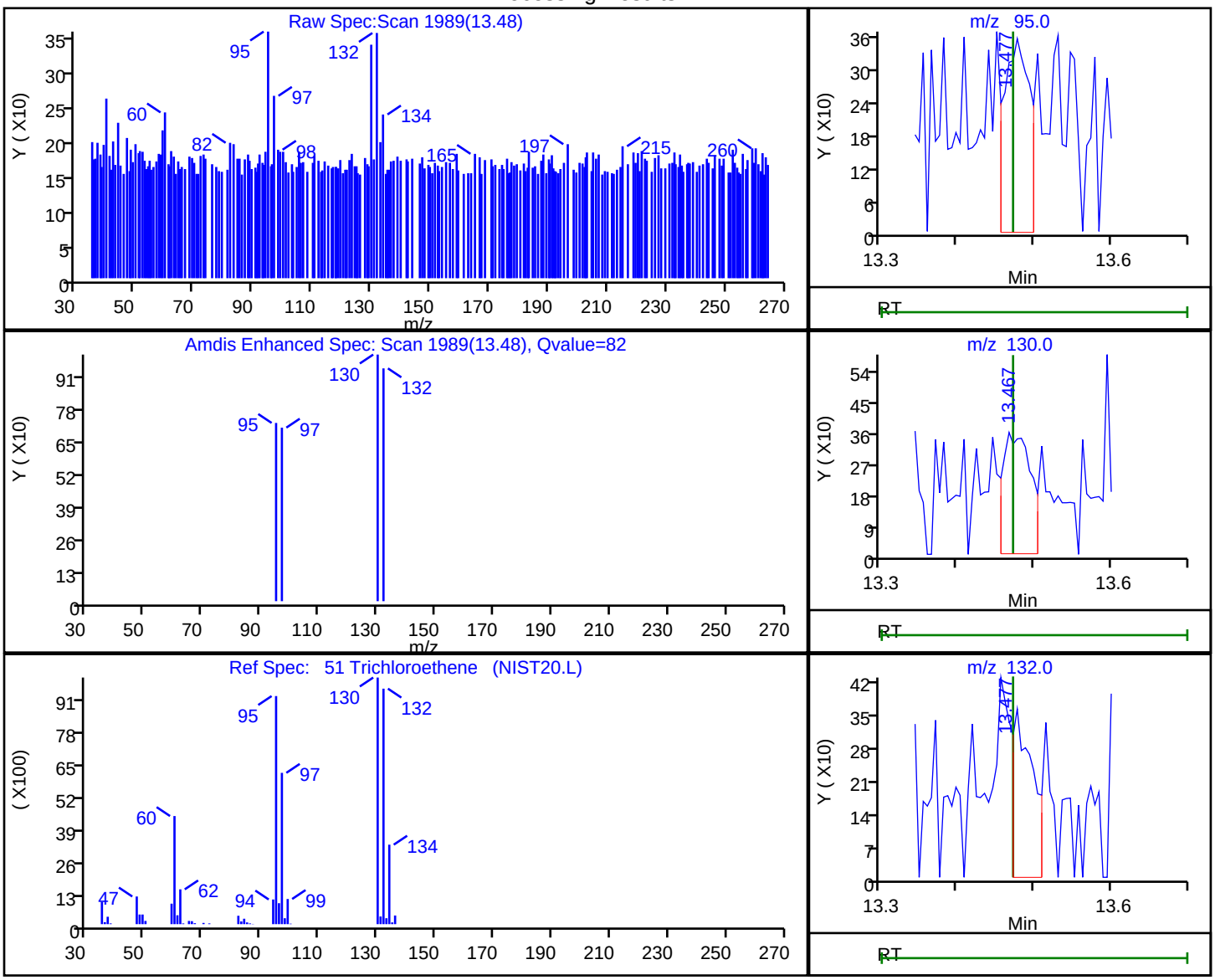
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
13.48	95.00	836	0.060001
13.47	130.00	909	
13.48	132.00	651	

Reviewer: BKZ7, 20-Dec-2022 08:34:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

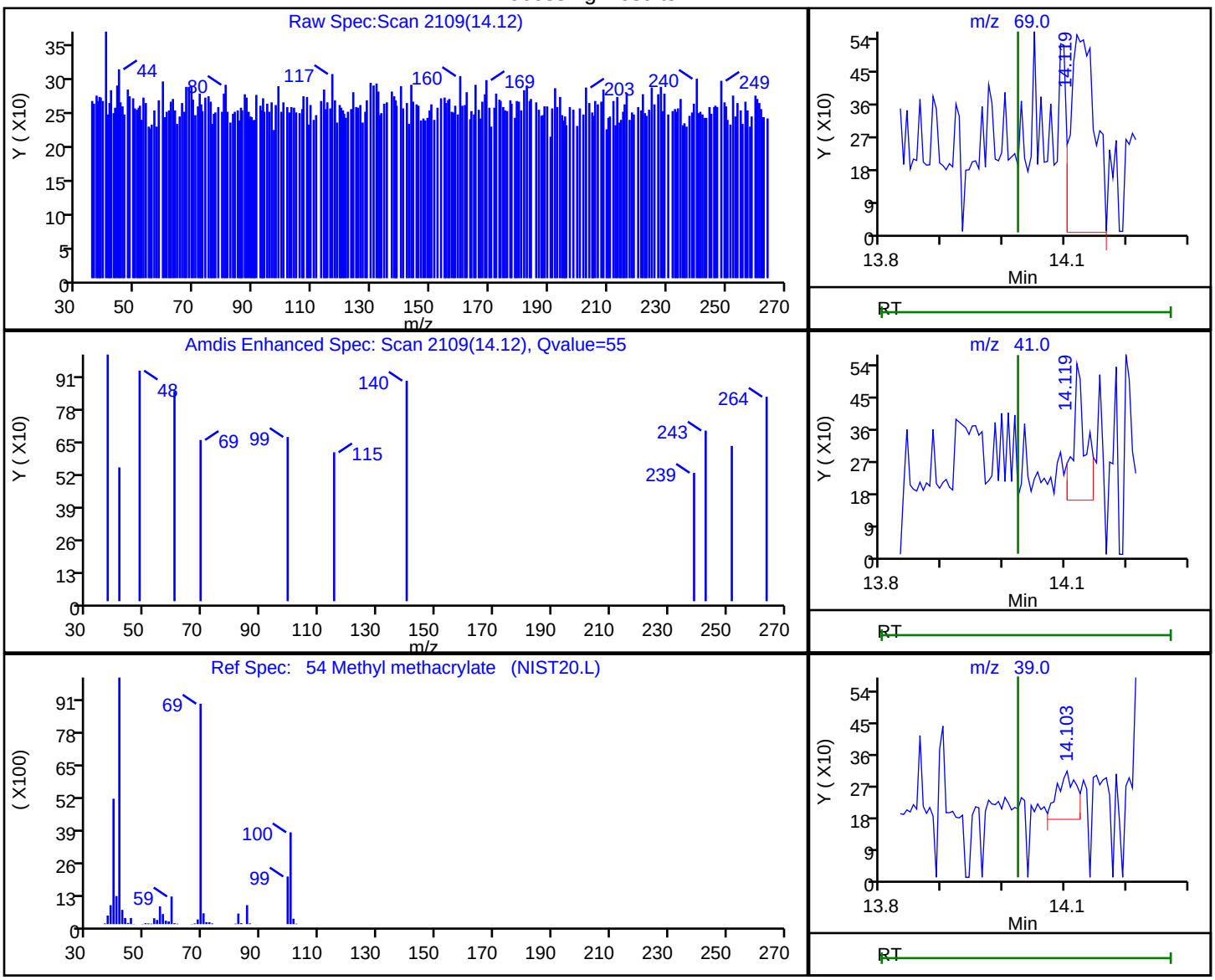
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.12	69.00	1501	0.163136
14.12	41.00	524	
14.10	39.00	299	

Reviewer: BKZ7, 20-Dec-2022 08:34:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

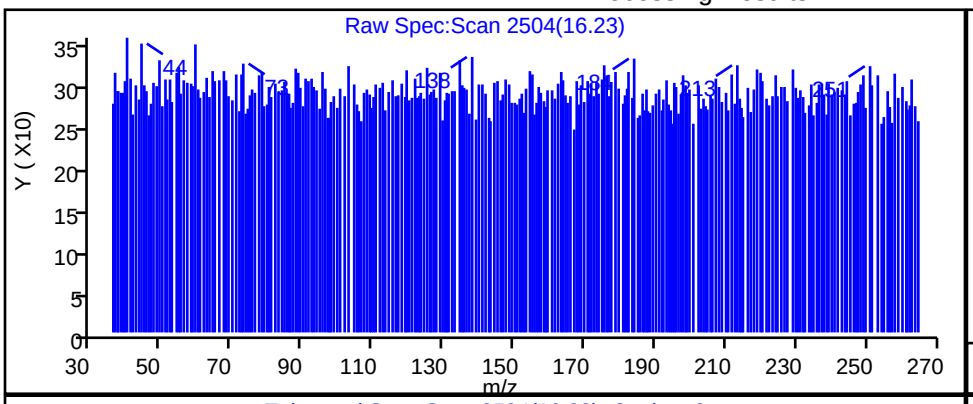
User Disabled Compound Report

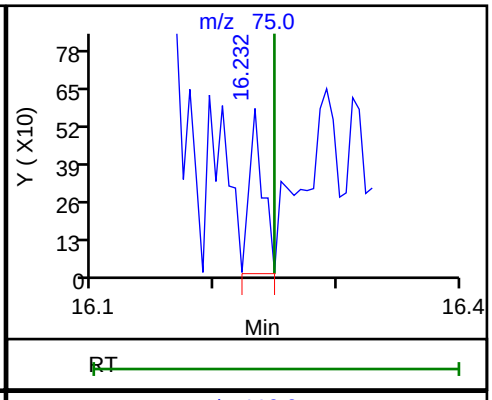
Eurofins Burlington

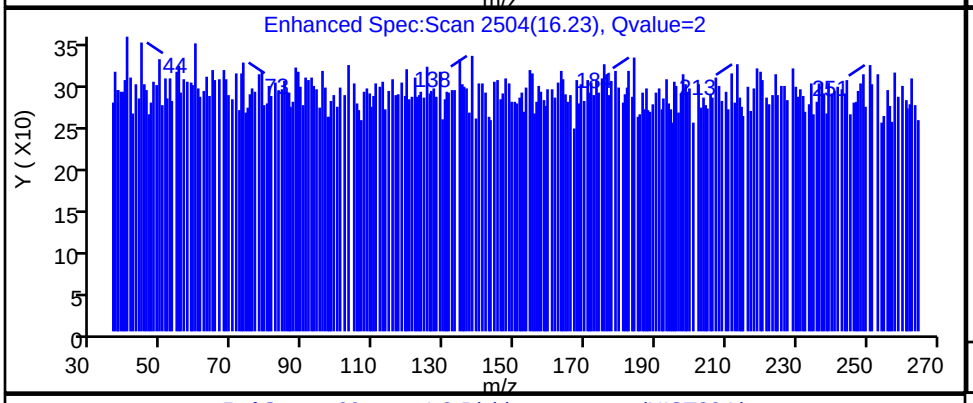
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

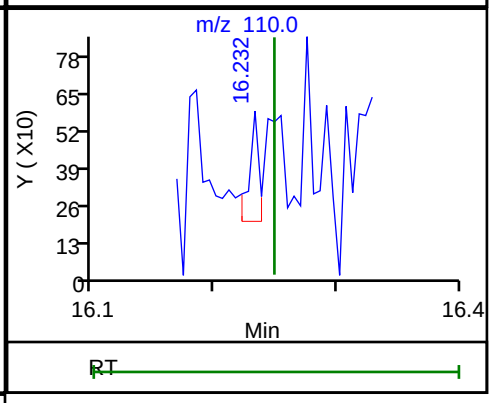
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

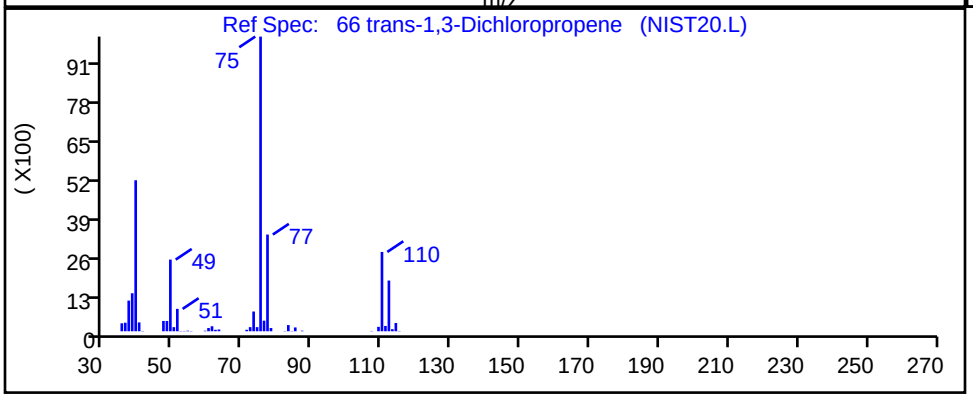
Processing Results











RT	Mass	Response	Amount
16.23	75.00	443	0.029893
16.23	110.00	220	

Reviewer: BKZ7, 20-Dec-2022 08:34:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

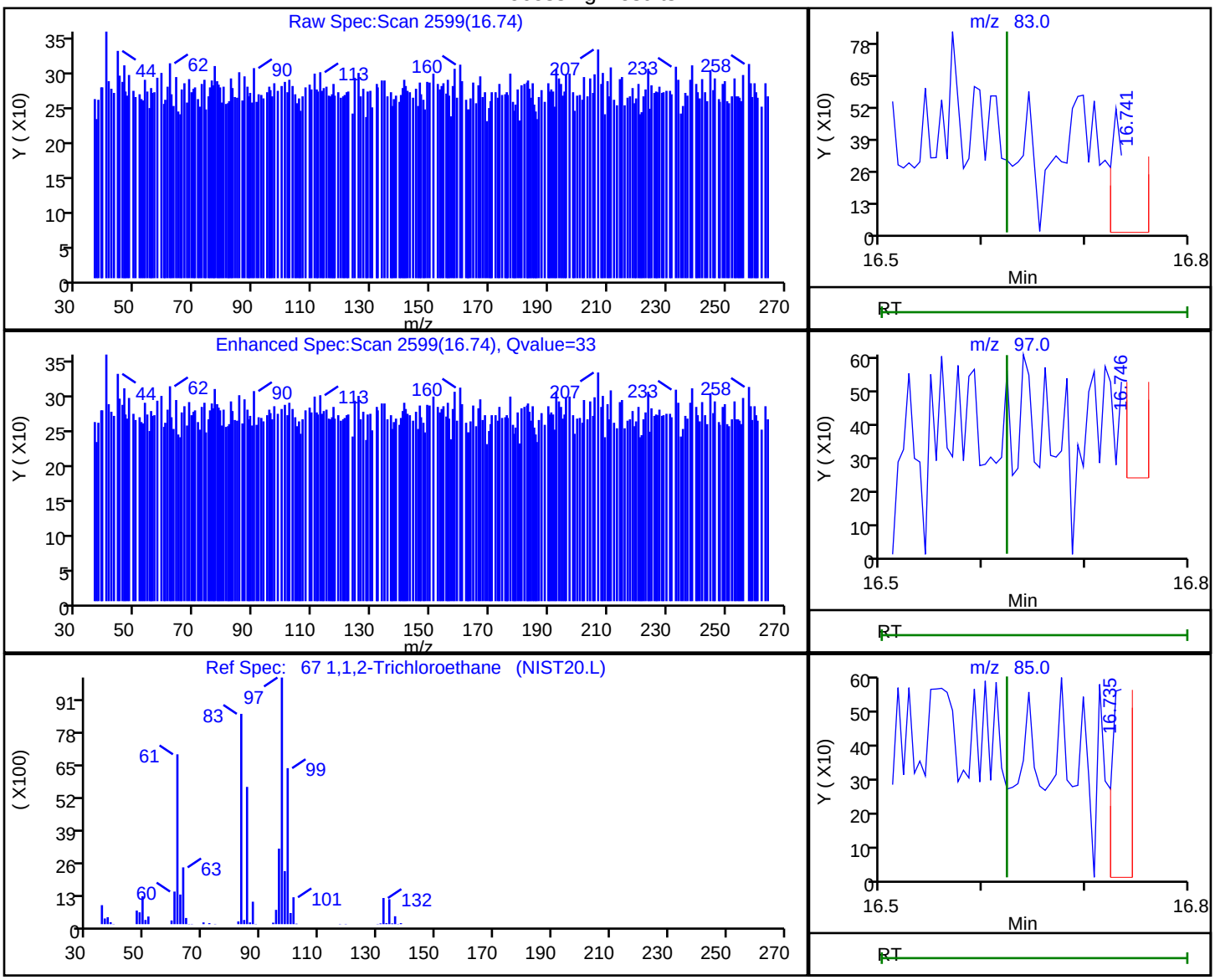
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.74	83.00	922	0.089676
16.75	97.00	238	
16.74	85.00	611	

Reviewer: BKZ7, 20-Dec-2022 08:34:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

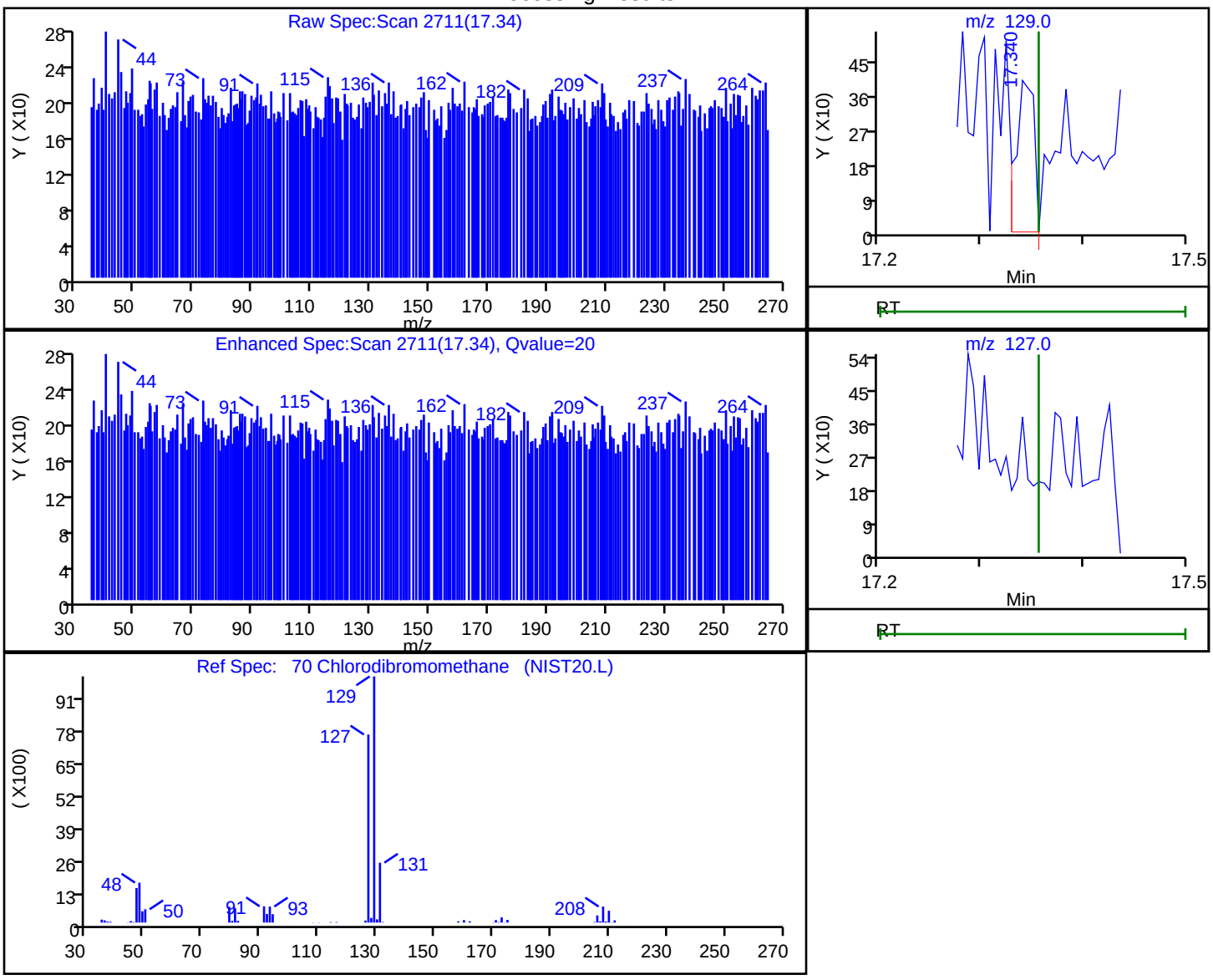
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

70 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
17.34	129.00	481	0.021322
17.36	127.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:34:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

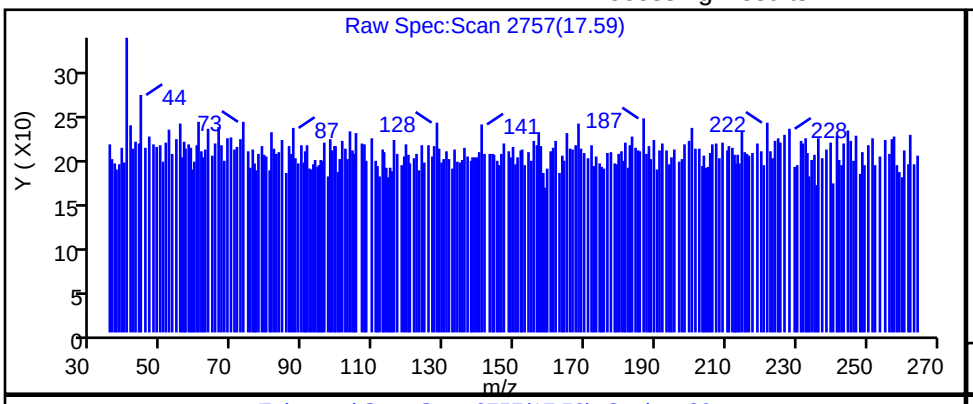
User Disabled Compound Report

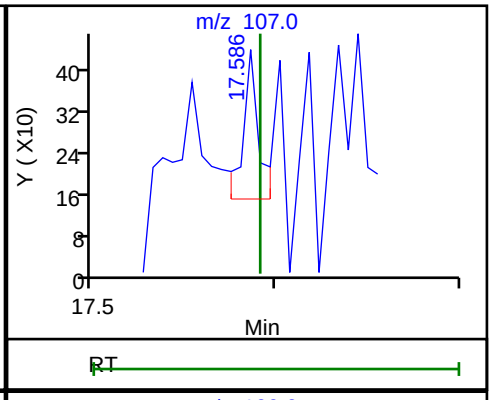
Eurofins Burlington

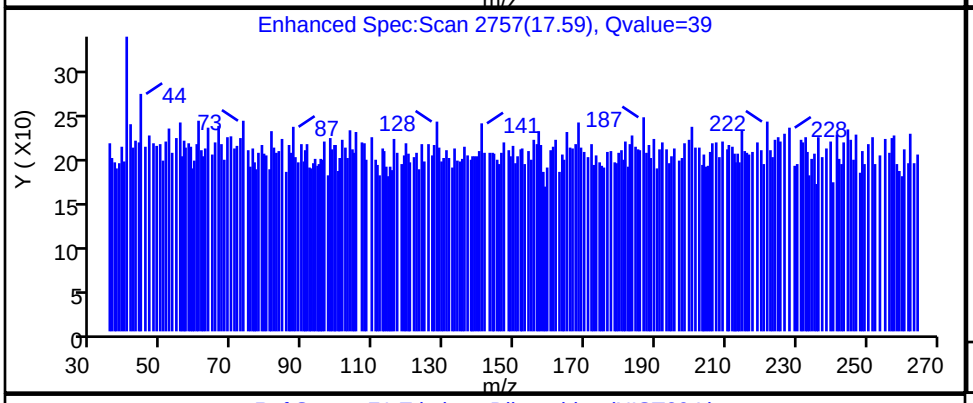
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

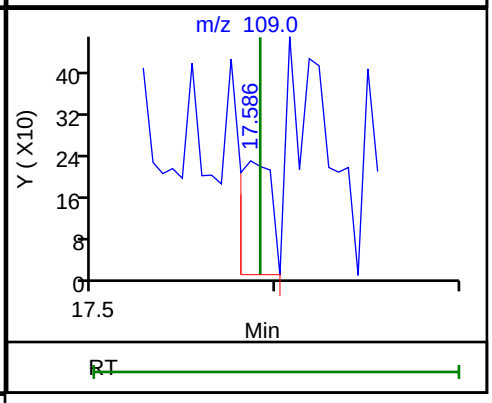
71 Ethylene Dibromide, CAS: 106-93-4

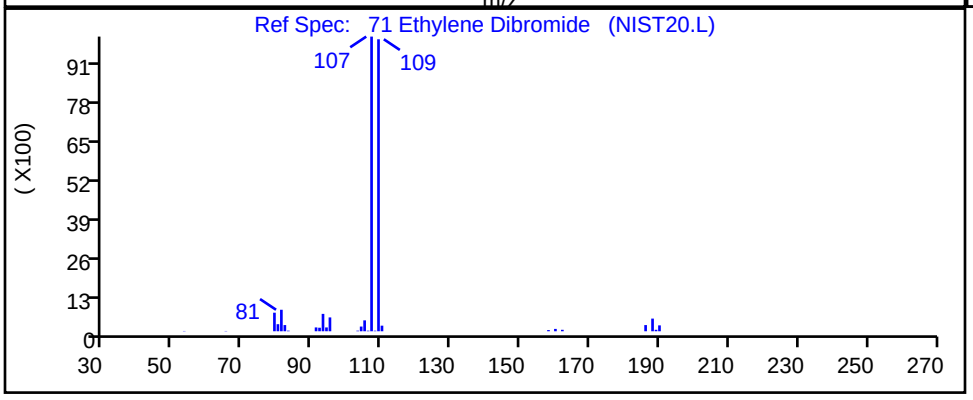
Processing Results











RT	Mass	Response	Amount
17.59	107.00	176	0.009166
17.59	109.00	271	

Reviewer: BKZ7, 20-Dec-2022 08:34:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

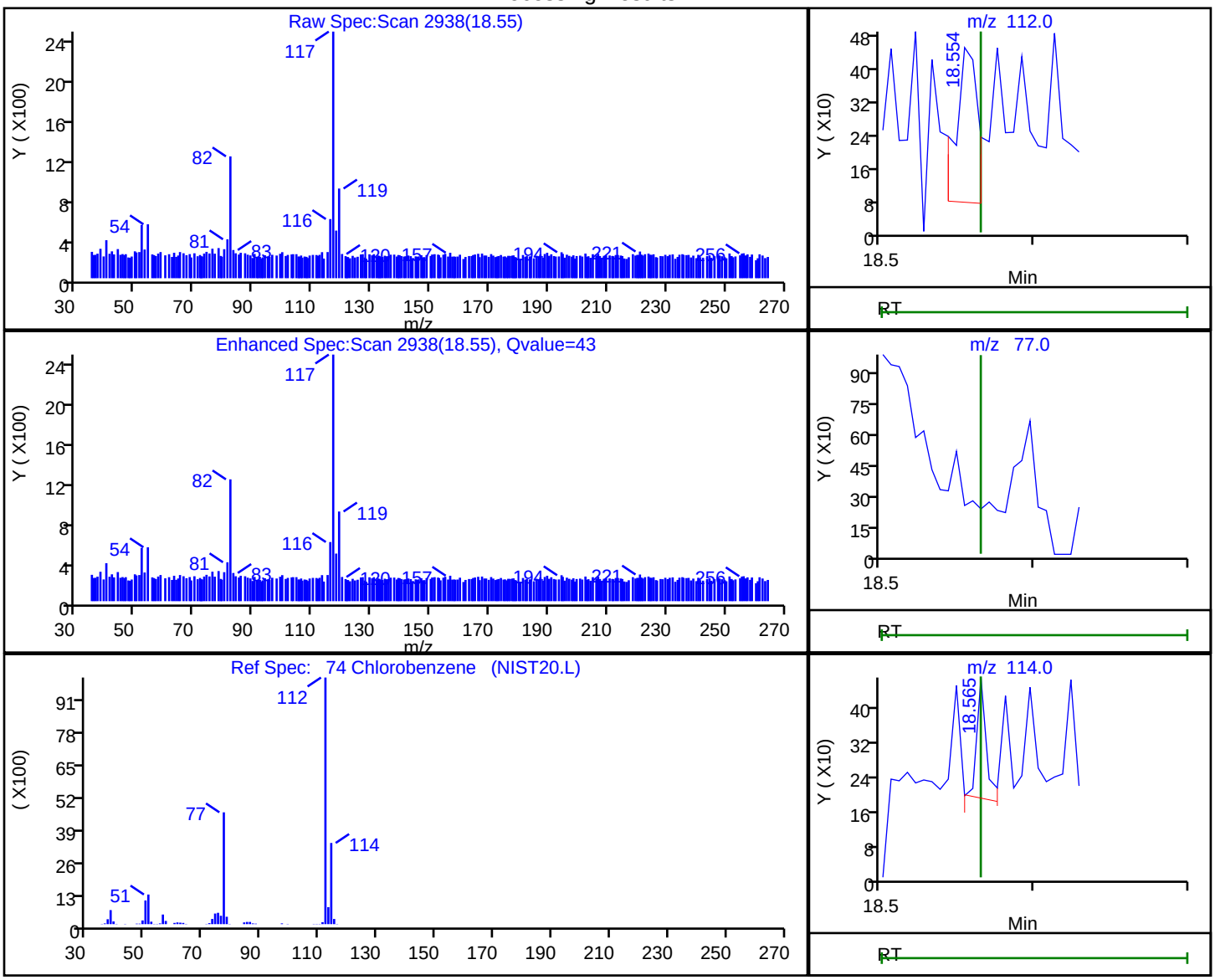
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.55	112.00	377	0.012029
18.56	77.00	0	
18.56	114.00	122	

Reviewer: BKZ7, 20-Dec-2022 08:34:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

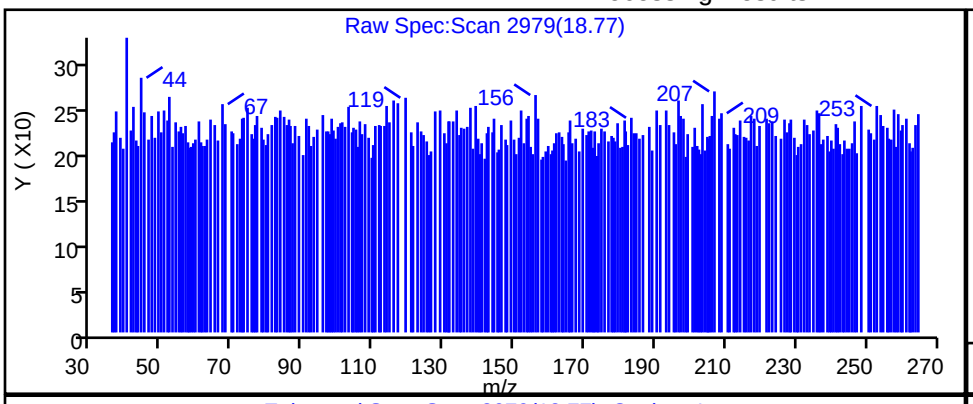
User Disabled Compound Report

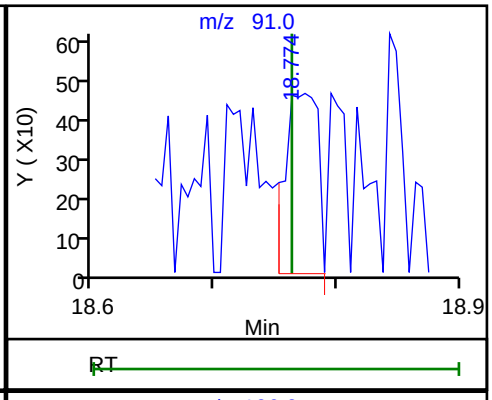
Eurofins Burlington

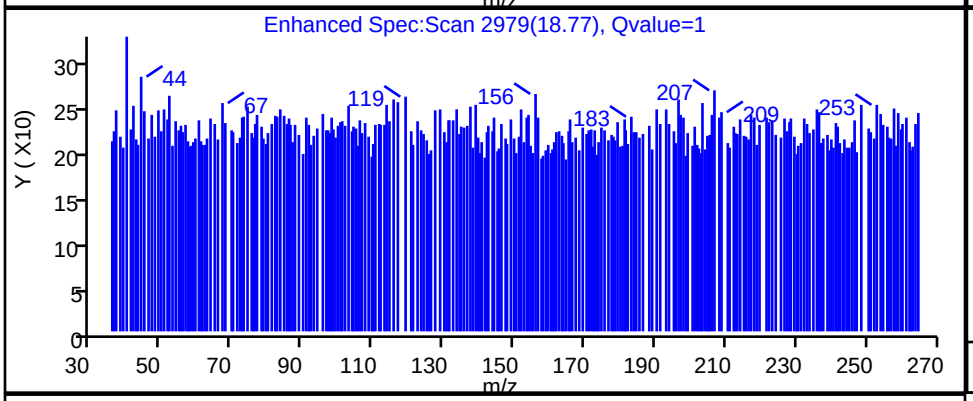
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

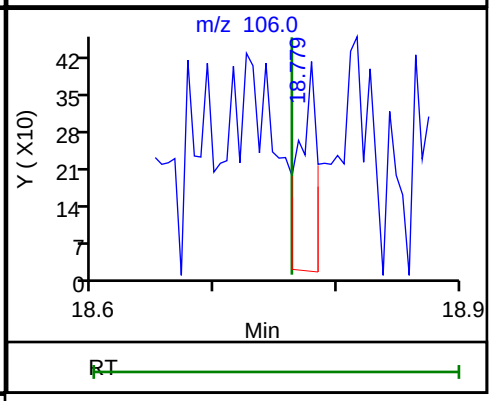
75 Ethylbenzene, CAS: 100-41-4

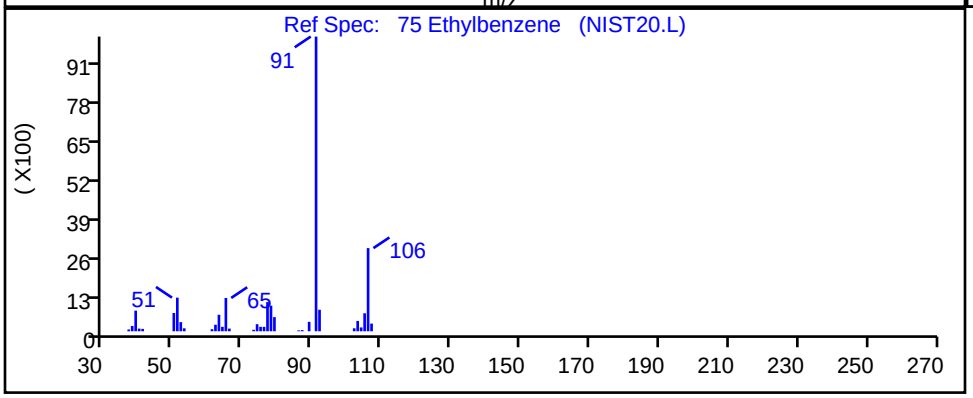
Processing Results











RT	Mass	Response	Amount
18.77	91.00	870	0.018289
18.78	106.00	404	

Reviewer: BKZ7, 20-Dec-2022 08:33:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

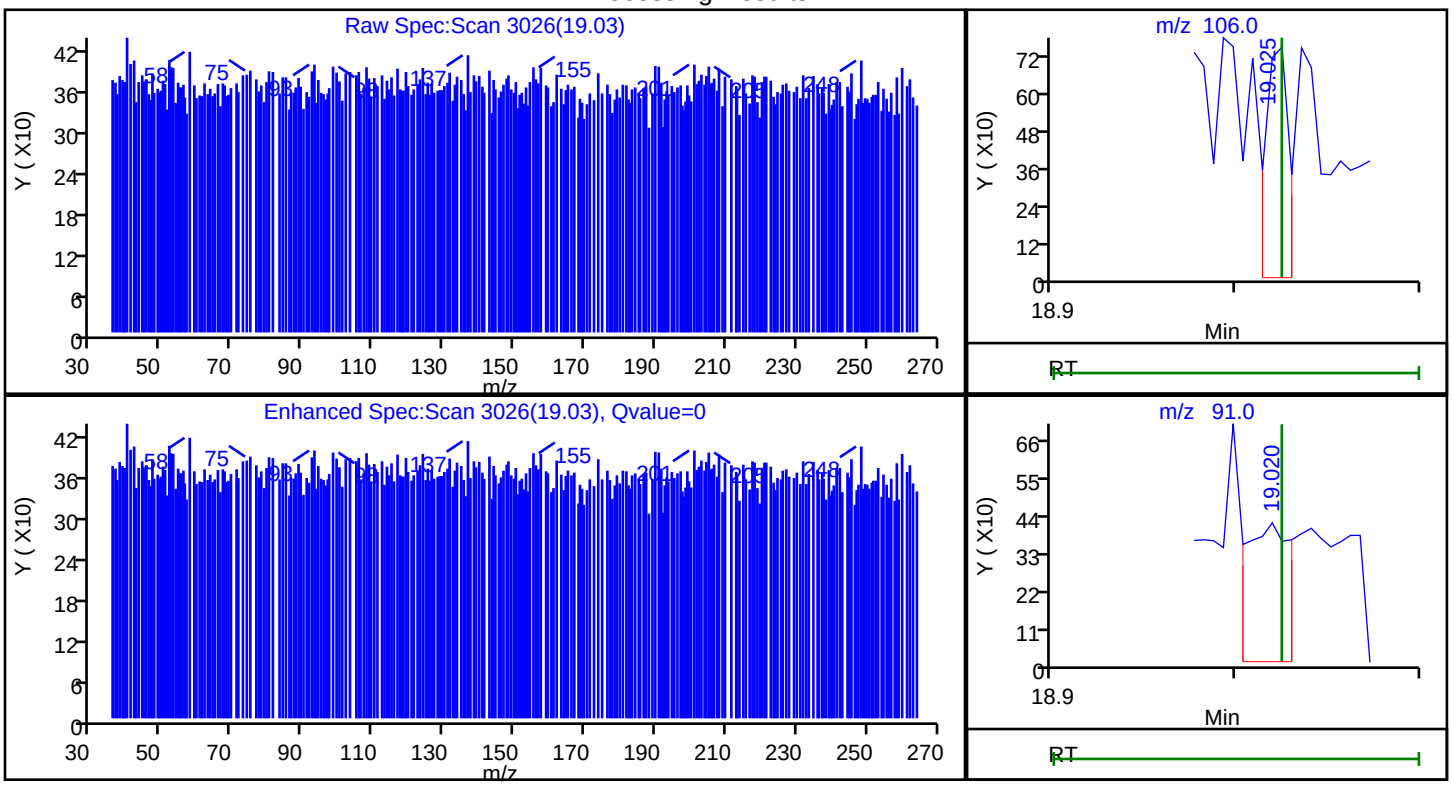
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
19.03	106.00	683	0.035128
19.02	91.00	710	

Reviewer: BKZ7, 20-Dec-2022 08:33:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

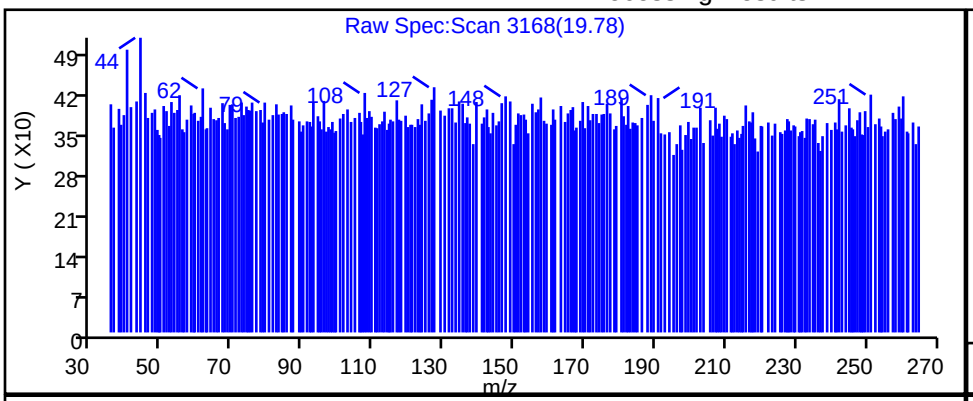
User Disabled Compound Report

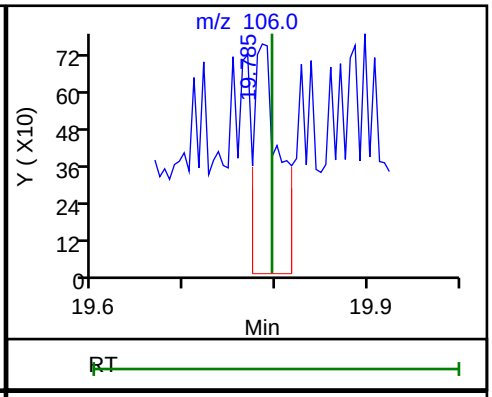
Eurofins Burlington

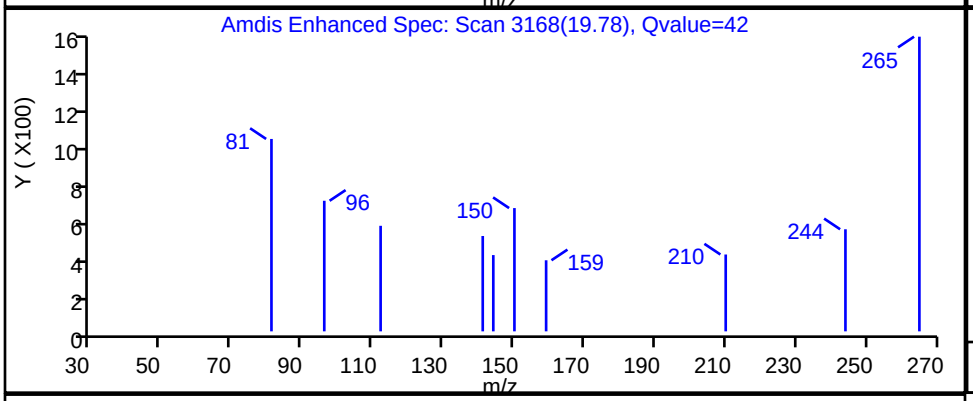
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

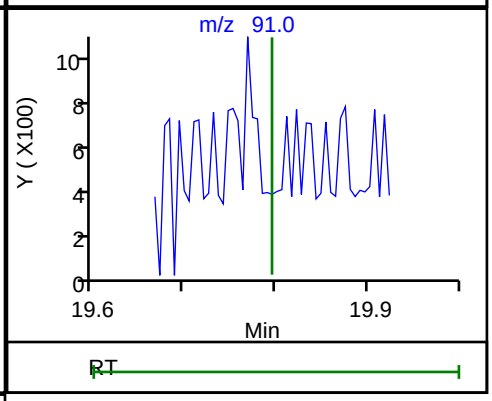
78 o-Xylene, CAS: 95-47-6

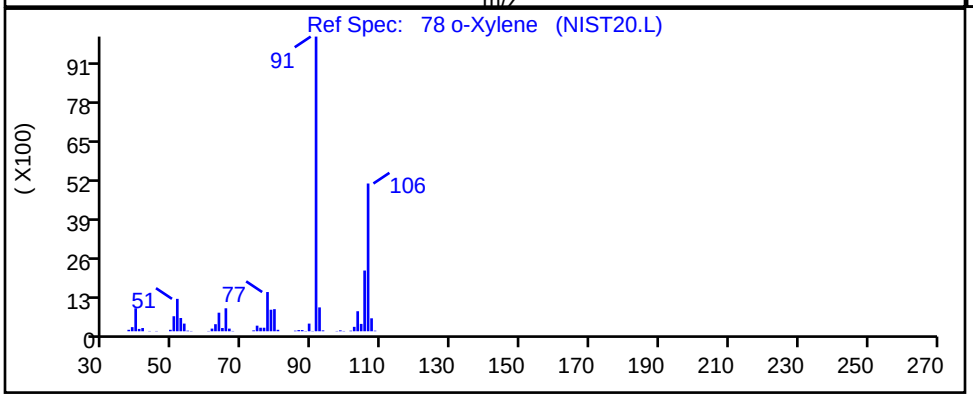
Processing Results











RT	Mass	Response	Amount
19.78	106.00	1435	0.075598
19.80	91.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:33:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

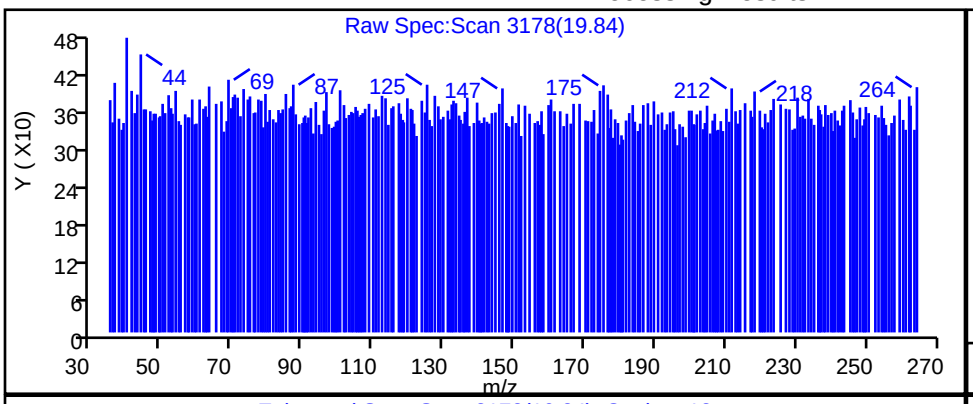
User Disabled Compound Report

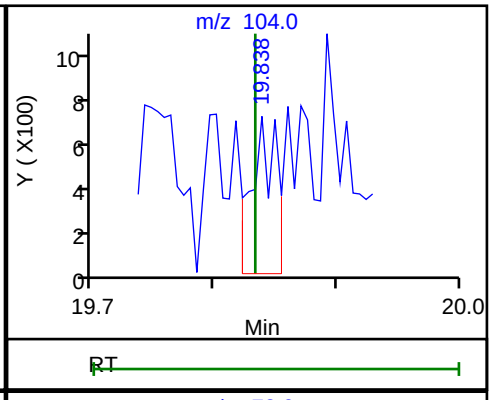
Eurofins Burlington

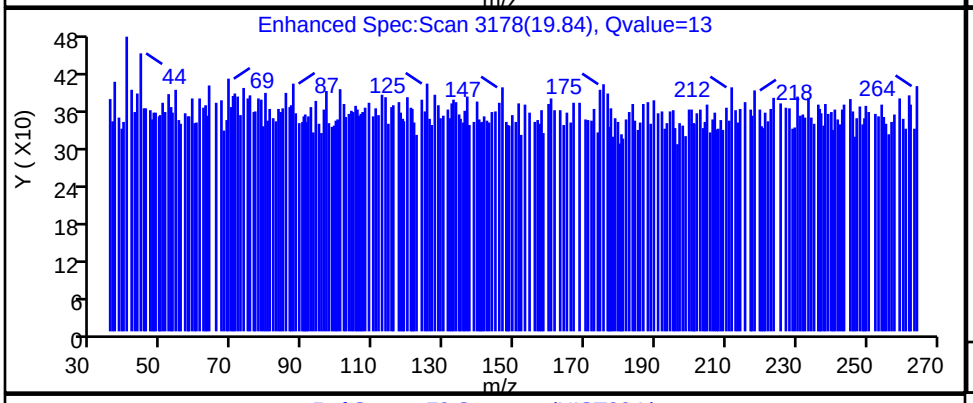
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

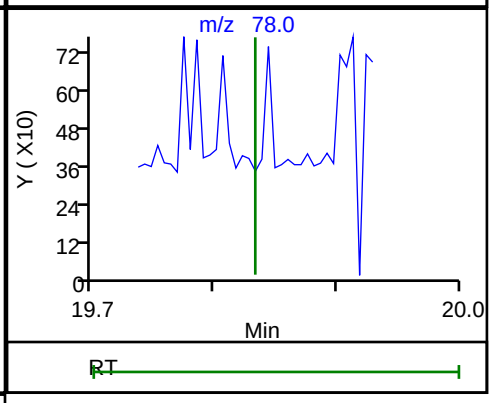
79 Styrene, CAS: 100-42-5

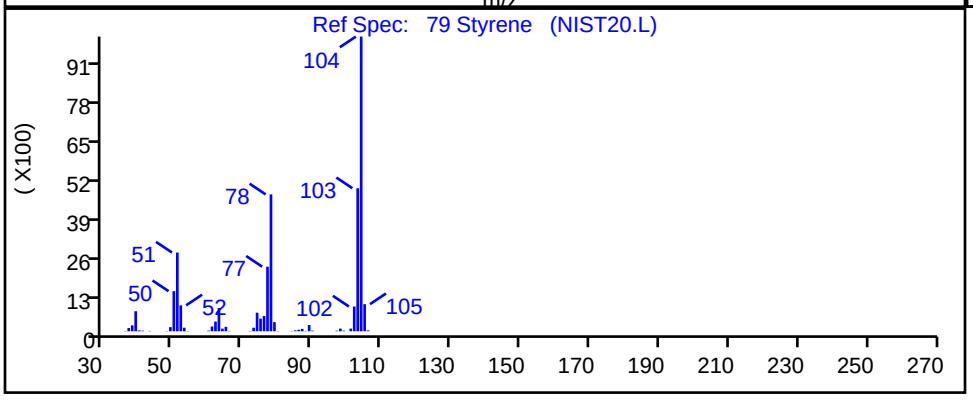
Processing Results











RT	Mass	Response	Amount
19.84	104.00	1023	0.035037
19.83	78.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:33:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

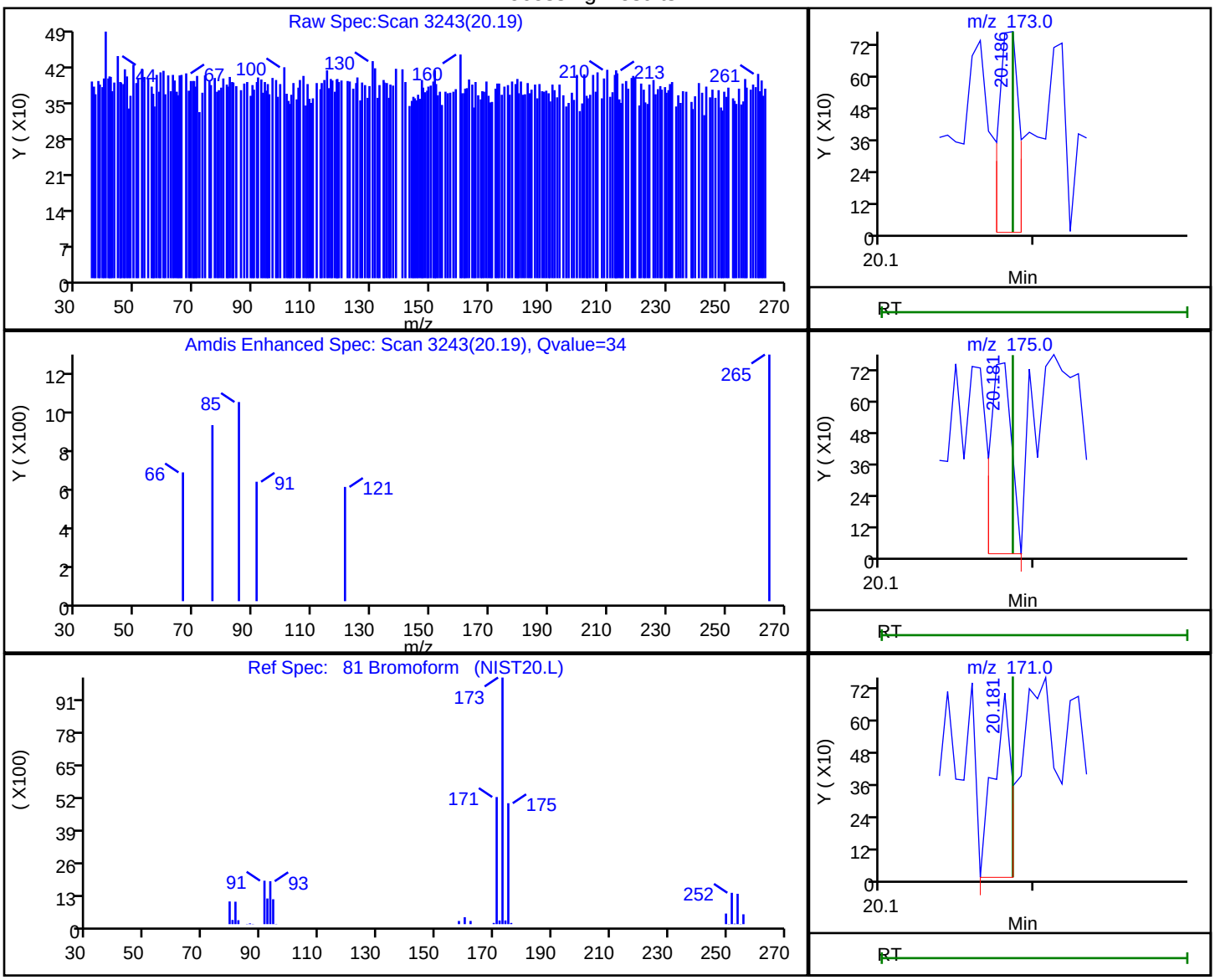
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

81 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
20.19	173.00	710	0.030411
20.18	175.00	712	
20.18	171.00	574	

Reviewer: BKZ7, 20-Dec-2022 08:33:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

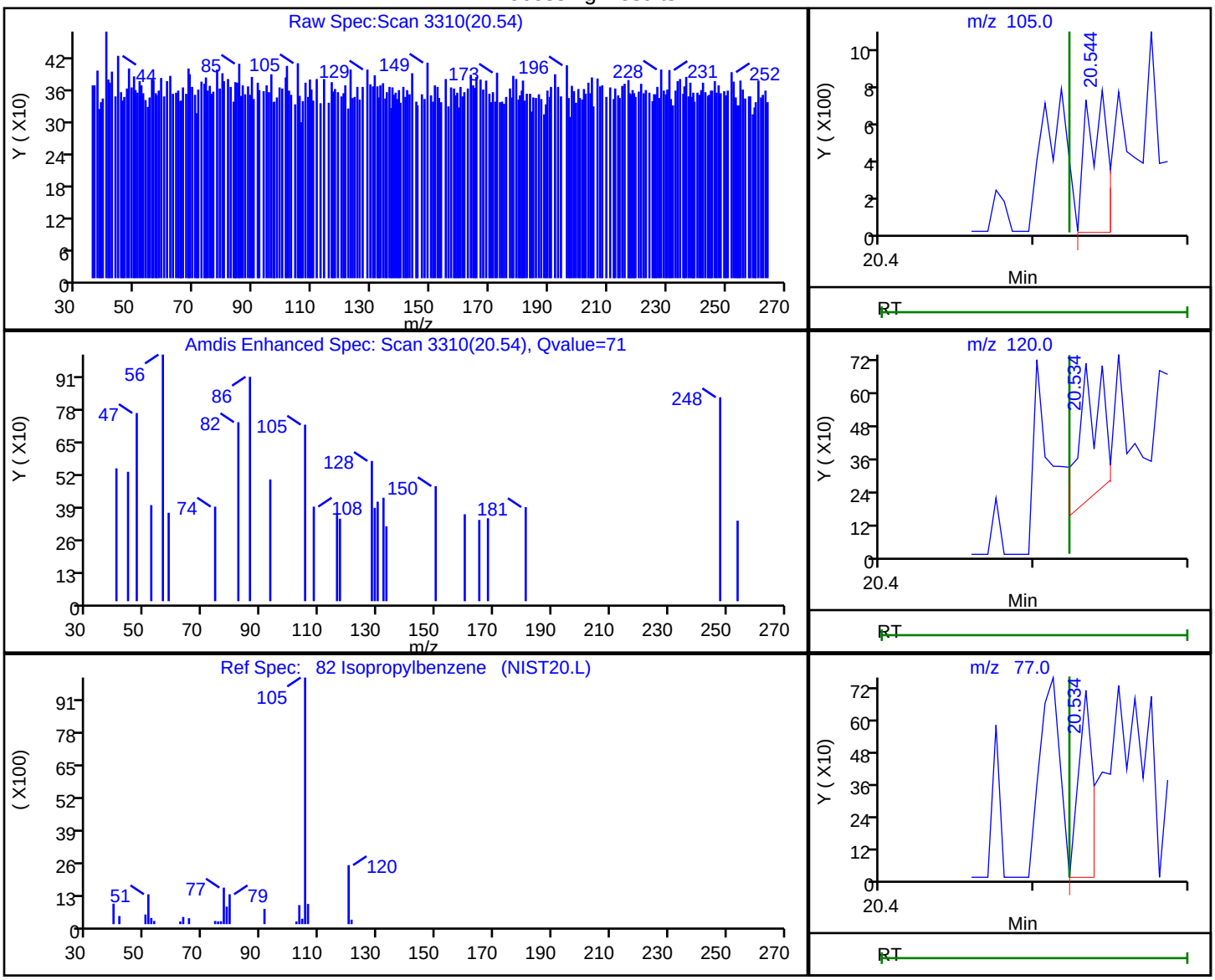
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.54	105.00	683	0.012354
20.53	120.00	497	
20.53	77.00	452	

Reviewer: BKZ7, 20-Dec-2022 08:33:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

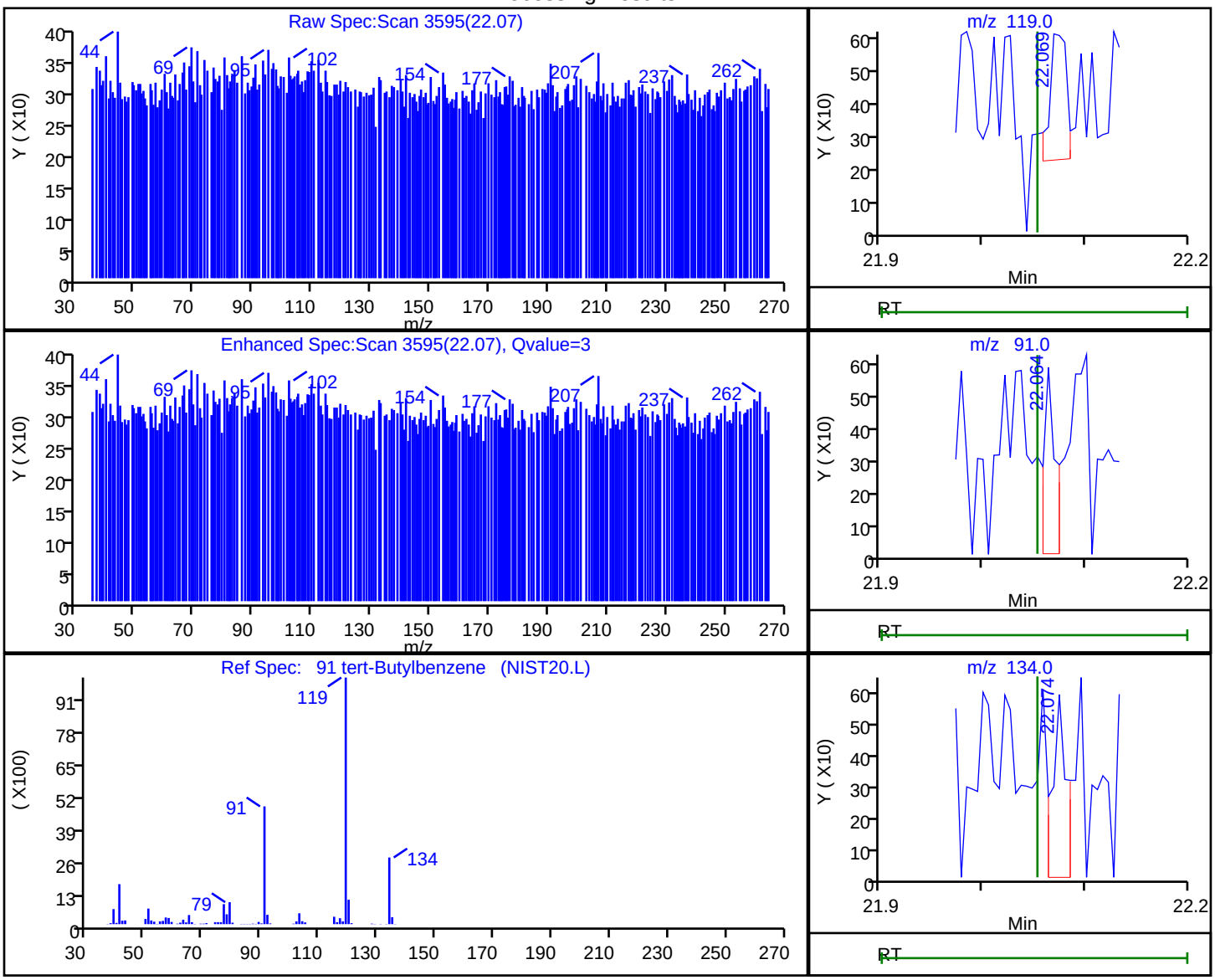
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

91 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
22.07	119.00	448	0.010016
22.06	91.00	463	
22.07	134.00	571	

Reviewer: BKZ7, 20-Dec-2022 08:33:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

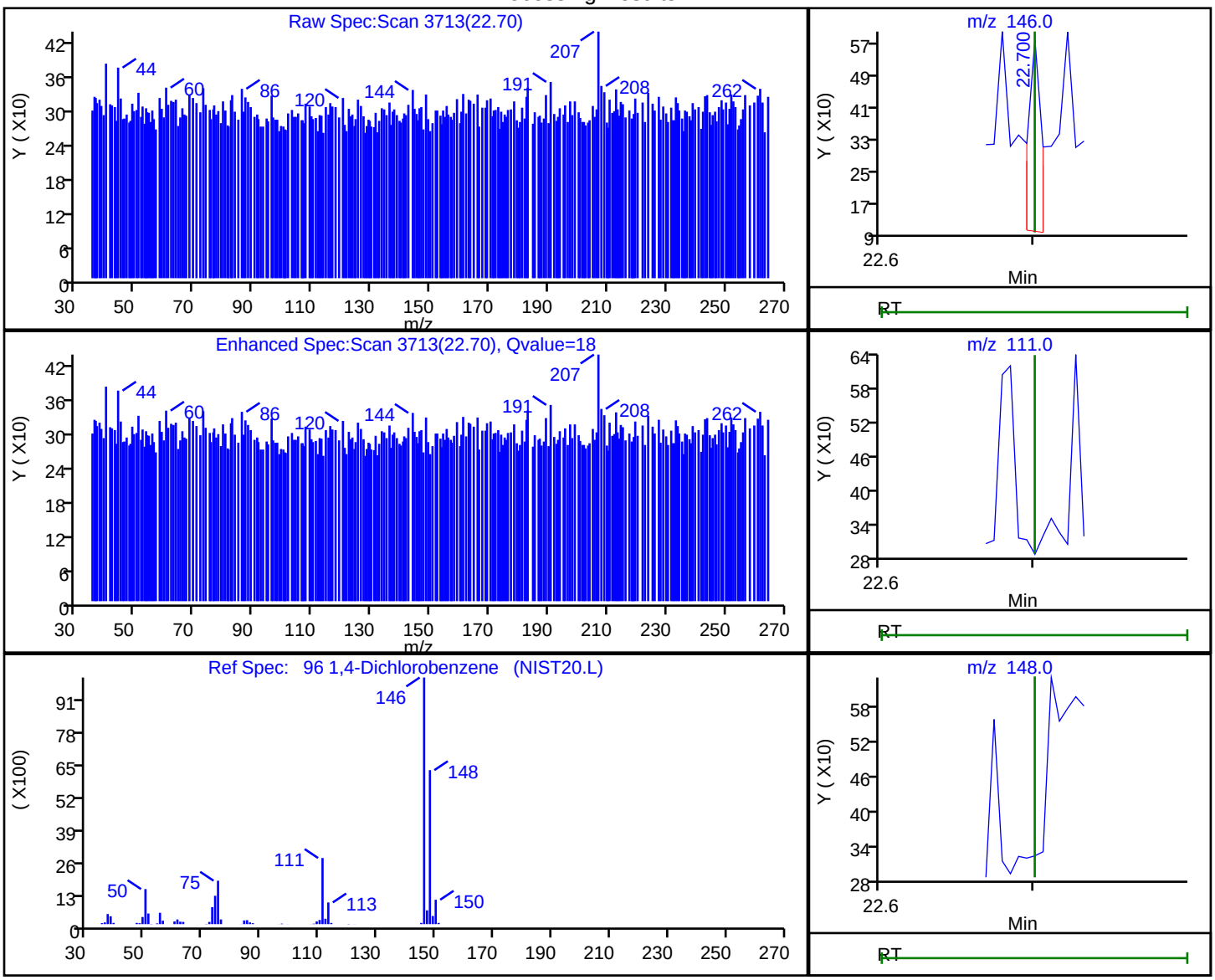
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.70	146.00	291	0.009530
22.70	111.00	0	
22.70	148.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:33:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

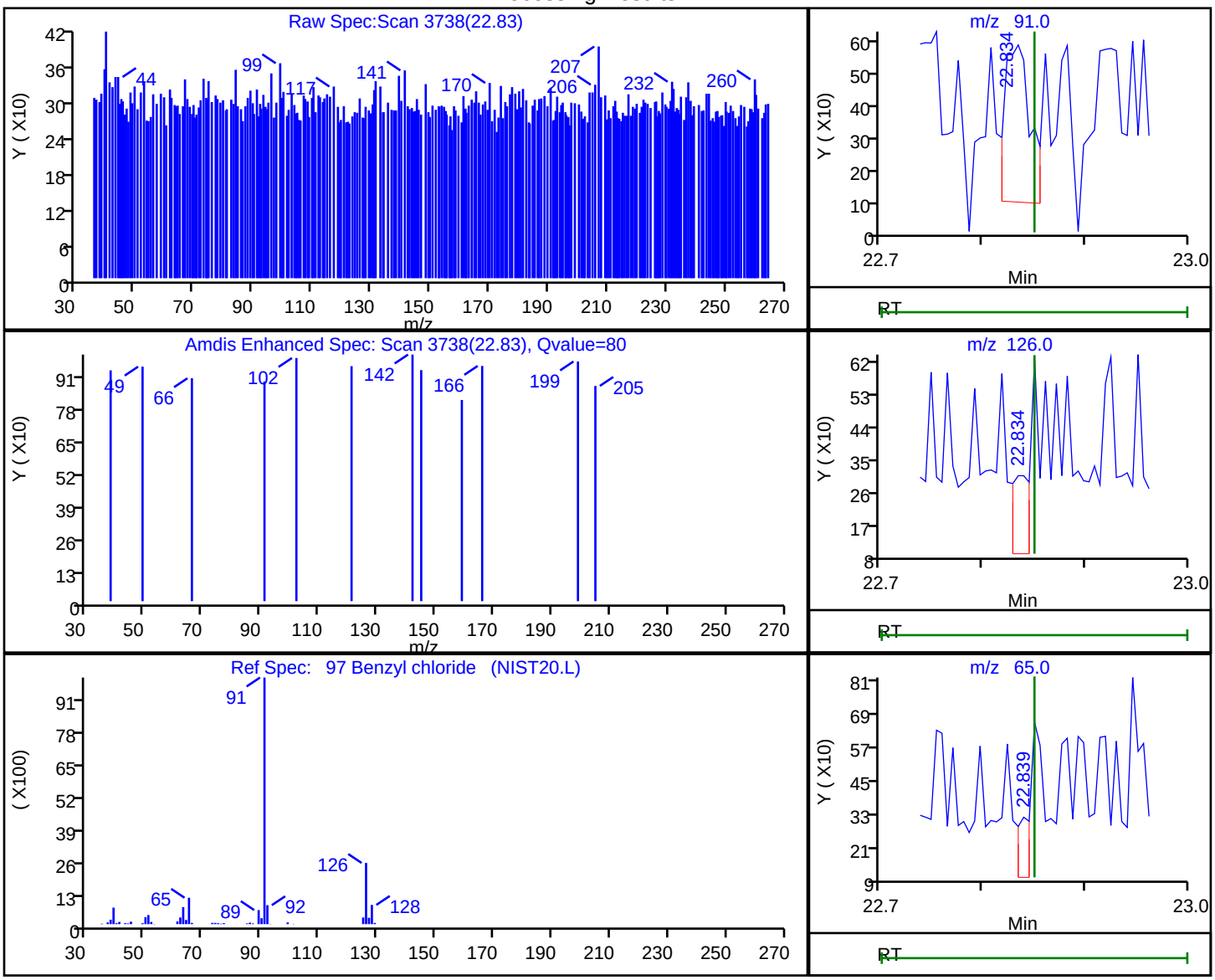
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.83	91.00	861	0.024871
22.83	126.00	266	
22.84	65.00	195	

Reviewer: BKZ7, 20-Dec-2022 08:33:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

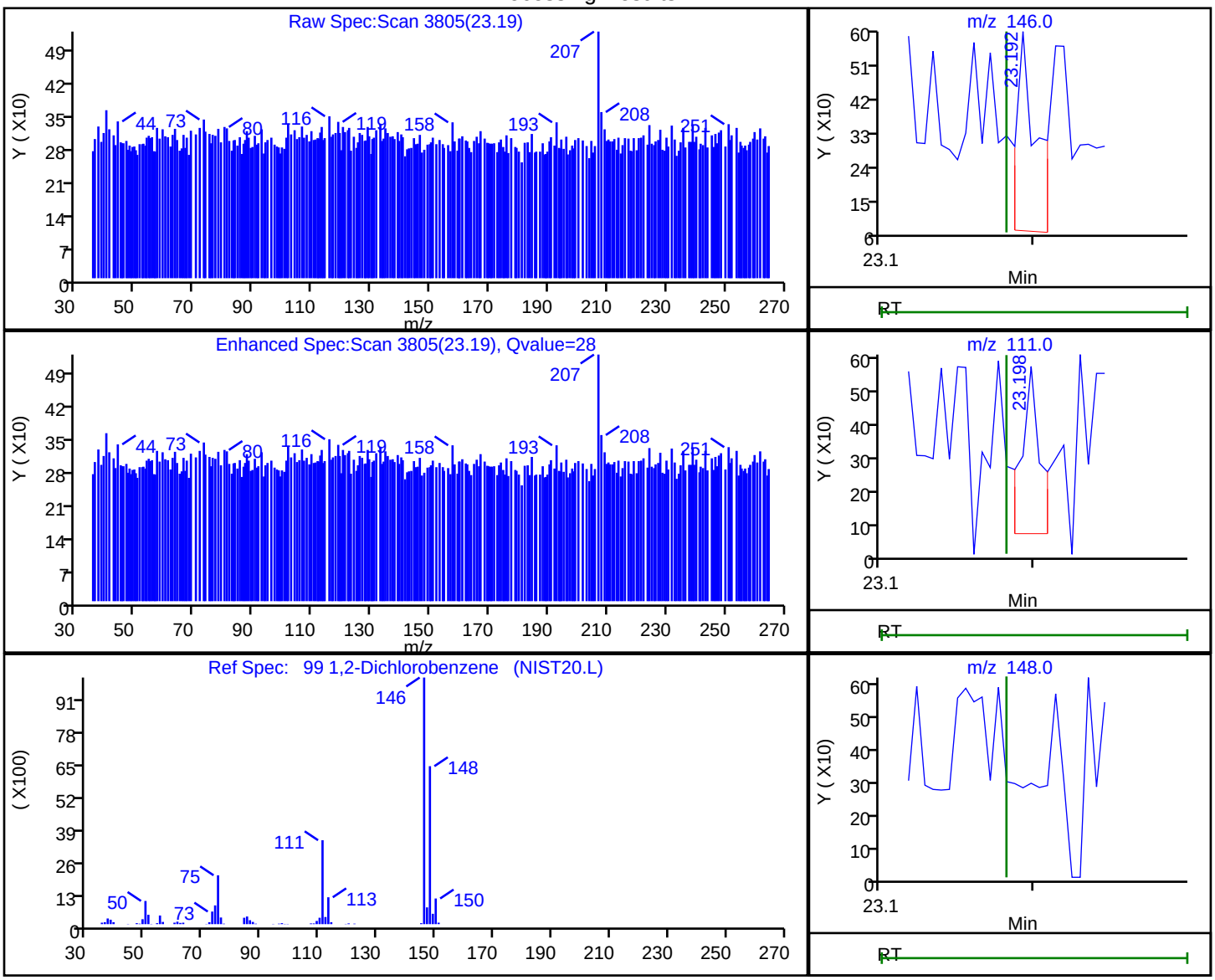
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221219-53728.b\53728-018.d				
Injection Date:	19-Dec-2022 21:56:30	Instrument ID:	CHW.i		
Lims ID:	200-66197-A-3	Lab Sample ID:	200-66197-3		
Client ID:	2637				
Operator ID:	vtp	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

99 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
23.19	146.00	471	0.015408
23.20	111.00	432	
23.18	148.00	0	

Reviewer: BKZ7, 20-Dec-2022 08:33:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66203-1

SDG No.:

Client Sample ID: 5089 Lab Sample ID: 200-66203-4

Matrix: Air Lab File ID: 53746-05.D

Analysis Method: TO-15 Date Collected: 12/18/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/20/2022 10:37

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186895 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66203-1

SDG No.:

Client Sample ID: 5089 Lab Sample ID: 200-66203-4

Matrix: Air Lab File ID: 53746-05.D

Analysis Method: TO-15 Date Collected: 12/18/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/20/2022 10:37

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186895 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66203-1

SDG No.:

Client Sample ID: 5089 Lab Sample ID: 200-66203-4

Matrix: Air Lab File ID: 53746-05.D

Analysis Method: TO-15 Date Collected: 12/18/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/20/2022 10:37

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186895 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221220-53746.b\53746-05.D
Lims ID: 200-66203-A-4
Client ID: 5089
Sample Type: Client
Inject. Date: 20-Dec-2022 10:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053746-005
Misc. Info.: 66203-14
Operator ID: vtp Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20221220-53746.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2022 07:48:34 Calib Date: 23-Nov-2022 00:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20221122-53429.b\53429-13.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: puangmaleek Date: 21-Dec-2022 07:48:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.338				ND	7
3	Dichlorodifluoromethane	85		4.434				ND	
4	Chlorodifluoromethane	51		4.472				ND	7
5	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
6	Chloromethane	50		4.900				ND	7
7	Vinyl chloride	62		5.205				ND	
8	Butane	43		5.215				ND	7
9	Butadiene	54		5.322				ND	7
10	Bromomethane	94		6.012				ND	
12	Chloroethane	64		6.280				ND	
14	Vinyl bromide	106		6.692				ND	
15	Trichlorofluoromethane	101		6.852				ND	
17	Ethanol	45	7.307	7.200	0.107	99	5684	0.2002	
20	1,1-Dichloroethene	96		7.895				ND	7
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		7.933				ND	
22	Acetone	43		7.970				ND	7
23	Isopropyl alcohol	45	8.393	8.275	0.118	98	7286	0.0836	
24	Carbon disulfide	76		8.313				ND	
27	3-Chloro-1-propene	41		8.575				ND	7
28	Methylene Chloride	49		8.794				ND	7
29	2-Methyl-2-propanol	59		9.078				ND	
32	trans-1,2-Dichloroethene	61		9.302				ND	
31	Methyl tert-butyl ether	73		9.340				ND	7
S 33	1,2-Dichloroethene, Total	61		9.665				ND	7
34	Hexane	57		9.811				ND	MU
36	1,1-Dichloroethane	63		10.046				ND	
35	Vinyl acetate	43		10.057				ND	7
37	2-Butanone (MEK)	72		11.004				ND	
38	cis-1,2-Dichloroethene	96		11.025				ND	
39	Ethyl acetate	88		11.095				ND	
* 40	Chlorobromomethane	128	11.442	11.437	0.005	88	304982	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.512				ND	
	42 Chloroform	83		11.608				ND	
	43 1,1,1-Trichloroethane	97		11.929				ND	
	44 Cyclohexane	84		12.084				ND	
	45 Carbon tetrachloride	117		12.218				ND	
	46 Benzene	78		12.544				ND	7
	47 1,2-Dichloroethane	62		12.614				ND	
	48 Isooctane	57		12.774				ND	
	49 n-Heptane	43		13.079				ND	7
*	50 1,4-Difluorobenzene	114	13.277	13.277	0.000	95	1603194	10.0	
	52 Trichloroethene	95		13.711				ND	
	55 1,2-Dichloropropane	63		14.160				ND	
	56 Methyl methacrylate	69		14.246				ND	
	58 Dibromomethane	174		14.315				ND	
	57 1,4-Dioxane	88		14.326				ND	
	59 Dichlorobromomethane	83		14.620				ND	
	60 cis-1,3-Dichloropropene	75		15.417				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.695				ND	
	63 Toluene	92		16.064				ND	7
	67 trans-1,3-Dichloropropene	75		16.466				ND	
	68 1,1,2-Trichloroethane	83		16.840				ND	
	69 Tetrachloroethene	166		17.059				ND	
	70 2-Hexanone	43		17.380				ND	
	71 Chlorodibromomethane	129		17.584				ND	
	72 Ethylene Dibromide	107		17.830				ND	
*	73 Chlorobenzene-d5	117	18.734	18.734	0.000	88	1346996	10.0	
	74 Chlorobenzene	112		18.793				ND	7
	75 Ethylbenzene	91		18.985				ND	7
	76 m-Xylene & p-Xylene	106		19.253				ND	7
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.018				ND	
	80 Styrene	104		20.055				ND	
	81 Bromoform	173		20.408				ND	
	82 Isopropylbenzene	105		20.719				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.222				ND	7
	85 N-Propylbenzene	91		21.441				ND	7
	86 2-Chlorotoluene	91		21.585				ND	7
	87 4-Ethyltoluene	105		21.639				ND	7
	88 1,3,5-Trimethylbenzene	105		21.735				ND	7
	91 tert-Butylbenzene	119		22.217				ND	7
	92 1,2,4-Trimethylbenzene	105		22.302				ND	7
	93 sec-Butylbenzene	105		22.543				ND	7
	94 1,3-Dichlorobenzene	146		22.719				ND	7
	95 4-Isopropyltoluene	119		22.762				ND	7
	96 1,4-Dichlorobenzene	146		22.859				ND	7
	97 Benzyl chloride	91		22.998				ND	7
	98 n-Butylbenzene	91		23.313				ND	7
	99 1,2-Dichlorobenzene	146		23.340				ND	7
	102 1,2,4-Trichlorobenzene	180		25.763				ND	7
	103 Hexachlorobutadiene	225		26.004				ND	
	104 Naphthalene	128		26.229				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

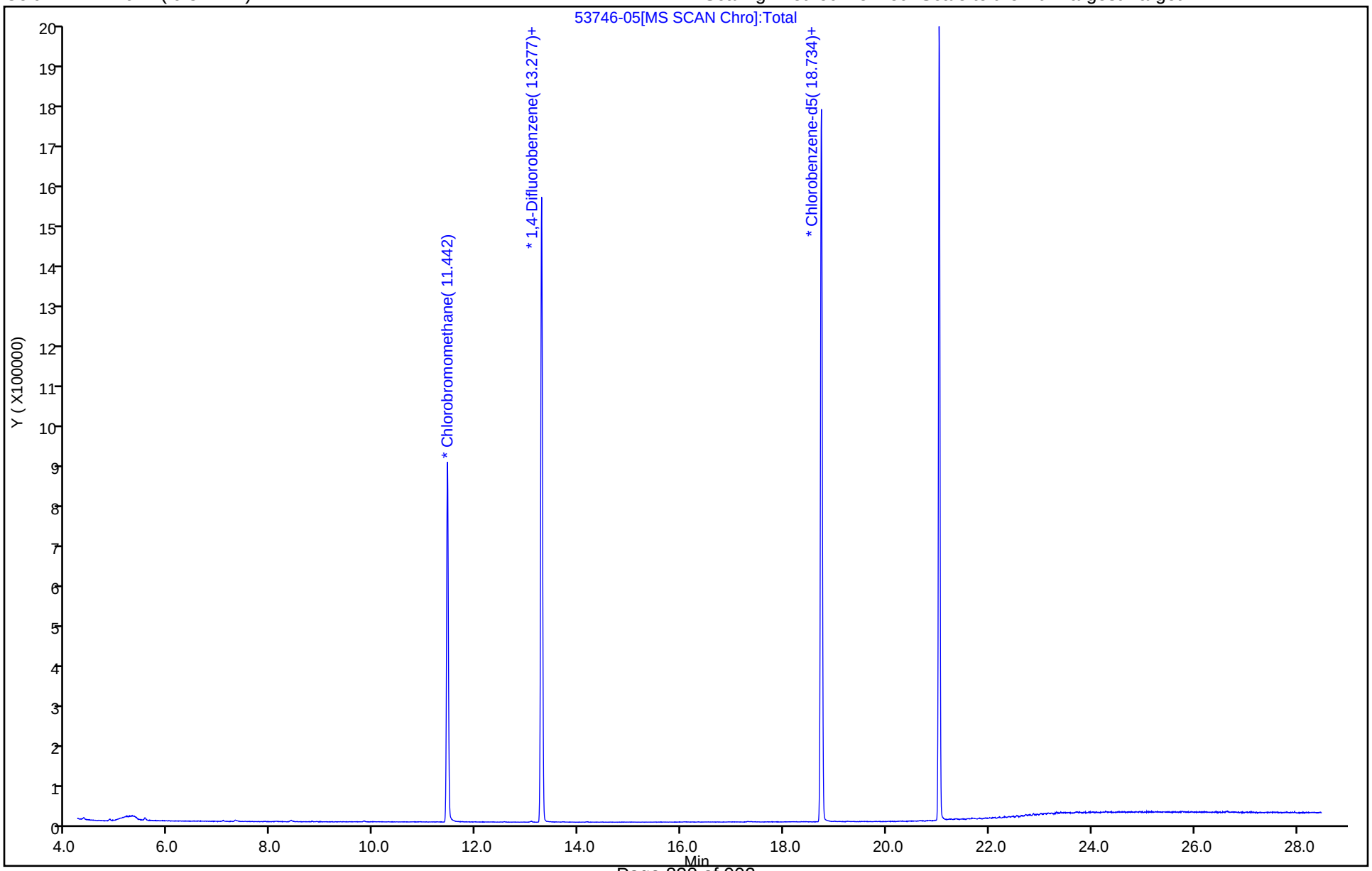
ATTO15XISs_00003	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 21-Dec-2022 07:48:35 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20221220-53746.b\53746-05.D				
Injection Date:	20-Dec-2022 10:37:30	Instrument ID:	CHX.i	Operator ID:	vtp
Lims ID:	200-66203-A-4	Lab Sample ID:	200-66203-4	Worklist Smp#:	5
Client ID:	5089				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	4
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



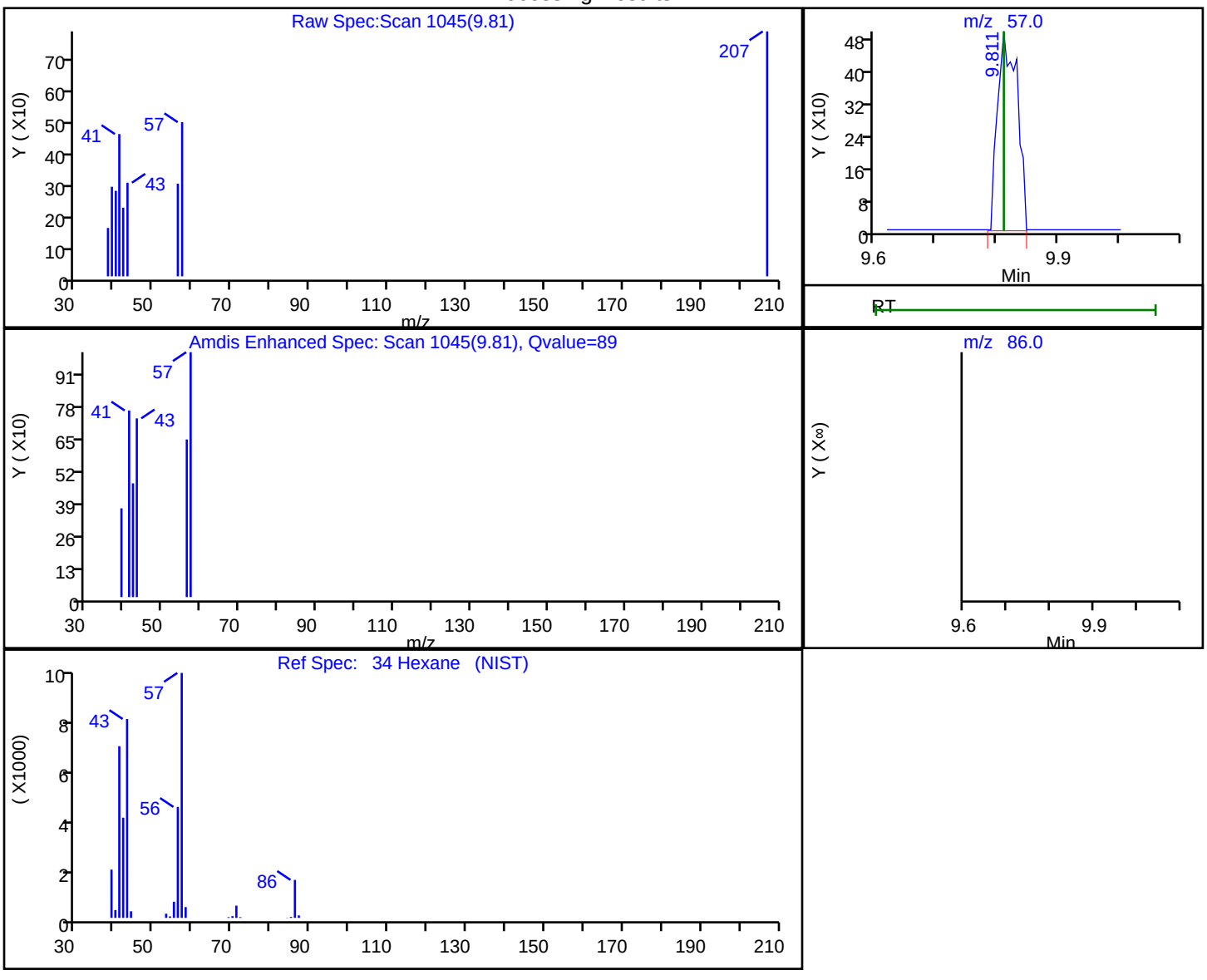
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20221220-53746.b\53746-05.D				
Injection Date:	20-Dec-2022 10:37:30	Instrument ID:	CHX.i		
Lims ID:	200-66203-A-4	Lab Sample ID:	200-66203-4		
Client ID:	5089				
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.81	57.00	1098	0.015315
9.81	86.00	0	

Reviewer: puangmaleek, 21-Dec-2022 07:48:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66204-1

SDG No.:

Client Sample ID: 2885 Lab Sample ID: 200-66204-4

Matrix: Air Lab File ID: 53745-005.d

Analysis Method: TO-15 Date Collected: 12/18/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/20/2022 11:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186893 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.0084
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66204-1

SDG No.:

Client Sample ID: 2885 Lab Sample ID: 200-66204-4

Matrix: Air Lab File ID: 53745-005.d

Analysis Method: TO-15 Date Collected: 12/18/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/20/2022 11:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 186893 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.040	U	0.040	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.040	U	0.040	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.010
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221220-53745.b\53745-005.d
Lims ID: 200-66204-A-4
Client ID: 2885
Sample Type: Client
Inject. Date: 20-Dec-2022 11:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053745-005
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20221220-53745.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2022 08:11:38 Calib Date: 15-Dec-2022 23:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221215-53700.b\53700-013.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: bunmaa Date: 21-Dec-2022 08:11:38

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	4.099	4.099	0.016	35	351	0.0360	7M
	2 Dichlorodifluoromethane	85		4.174				ND	
	3 Chlorodifluoromethane	51		4.217				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.516				ND	
	5 Chloromethane	50		4.629				ND	
	6 Vinyl chloride	62		4.928				ND	
	7 Butane	43		4.928				ND	
	8 Butadiene	54		5.041				ND	
	9 Bromomethane	94		5.742				ND	
	10 Chloroethane	64		6.004				ND	
	13 Vinyl bromide	106		6.421				ND	
	14 Trichlorofluoromethane	101		6.581				ND	
	16 Ethanol	45		6.951				ND	
	20 1,1-Dichloroethene	96		7.630				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.673				ND	
	22 Acetone	43		7.710				ND	
	23 Isopropyl alcohol	45		8.005				ND	
	24 Carbon disulfide	76	8.047	8.037	0.010	95	819	0.0259	
	26 3-Chloro-1-propene	41		8.325				ND	
	27 Methylene Chloride	49		8.556				ND	7
	28 2-Methyl-2-propanol	59		8.775				ND	
	30 trans-1,2-Dichloroethene	61		9.053				ND	
	31 Methyl tert-butyl ether	73		9.069				ND	
	32 Hexane	57		9.556				ND	
	33 1,1-Dichloroethane	63		9.802				ND	
	34 Vinyl acetate	43		9.818				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		10.765				ND	
	37 cis-1,2-Dichloroethene	96		10.792				ND	
	38 Ethyl acetate	88		10.861				ND	
*	39 Chlorobromomethane	128	11.198	11.198	0.000	77	75516	10.0	
	40 Tetrahydrofuran	42		11.252				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.375				ND	
	42 1,1,1-Trichloroethane	97		11.680				ND	
	43 Cyclohexane	84		11.819				ND	
	44 Carbon tetrachloride	117		11.958				ND	
	45 Benzene	78		12.300				ND	
	46 1,2-Dichloroethane	62		12.375				ND	
	47 Isooctane	57		12.520				ND	
	48 n-Heptane	43		12.835				ND	
*	49 1,4-Difluorobenzene	114	13.039	13.039	0.000	93	385048	10.0	
	51 Trichloroethene	95		13.467				ND	
	53 1,2-Dichloropropane	63		13.921				ND	
	54 Methyl methacrylate	69		14.018				ND	
	55 1,4-Dioxane	88		14.060				ND	
	57 Dibromomethane	174		14.076				ND	
	58 Dichlorobromomethane	83		14.387				ND	
	59 cis-1,3-Dichloropropene	75		15.189				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	
	62 Toluene	92		15.831				ND	
	66 trans-1,3-Dichloropropene	75		16.243				ND	
	67 1,1,2-Trichloroethane	83		16.618				ND	
	68 Tetrachloroethene	166		16.821				ND	
	69 2-Hexanone	43		17.035				ND	
	70 Chlorodibromomethane	129		17.356				ND	
	71 Ethylene Dibromide	107		17.591				ND	
*	73 Chlorobenzene-d5	117	18.506	18.506	0.000	83	316570	10.0	
	74 Chlorobenzene	112		18.565				ND	
	75 Ethylbenzene	91		18.757				ND	7
	76 m-Xylene & p-Xylene	106		19.025				ND	
	78 o-Xylene	106		19.795				ND	
	79 Styrene	104		19.833				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	81 Bromoform	173		20.186				ND	
	82 Isopropylbenzene	105		20.523				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.052				ND	
	85 N-Propylbenzene	91		21.261				ND	7
	86 2-Chlorotoluene	91		21.411				ND	7
	87 4-Ethyltoluene	105		21.464				ND	7
	88 1,3,5-Trimethylbenzene	105		21.561				ND	7
	91 tert-Butylbenzene	119		22.053				ND	
	92 1,2,4-Trimethylbenzene	105		22.144				ND	7
	93 sec-Butylbenzene	105		22.385				ND	7
	94 1,3-Dichlorobenzene	146	22.561	22.556	0.005	77	371	0.0105	
	95 4-Isopropyltoluene	119		22.604				ND	
	96 1,4-Dichlorobenzene	146	22.706	22.700	0.006	87	442	0.0129	
	97 Benzyl chloride	91		22.845				ND	7
	98 n-Butylbenzene	91		23.160				ND	7
	99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	86	456	0.0133	
	102 1,2,4-Trichlorobenzene	180		25.562				ND	MU
	103 Hexachlorobutadiene	225		25.803				ND	
	104 Naphthalene	128		26.022				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

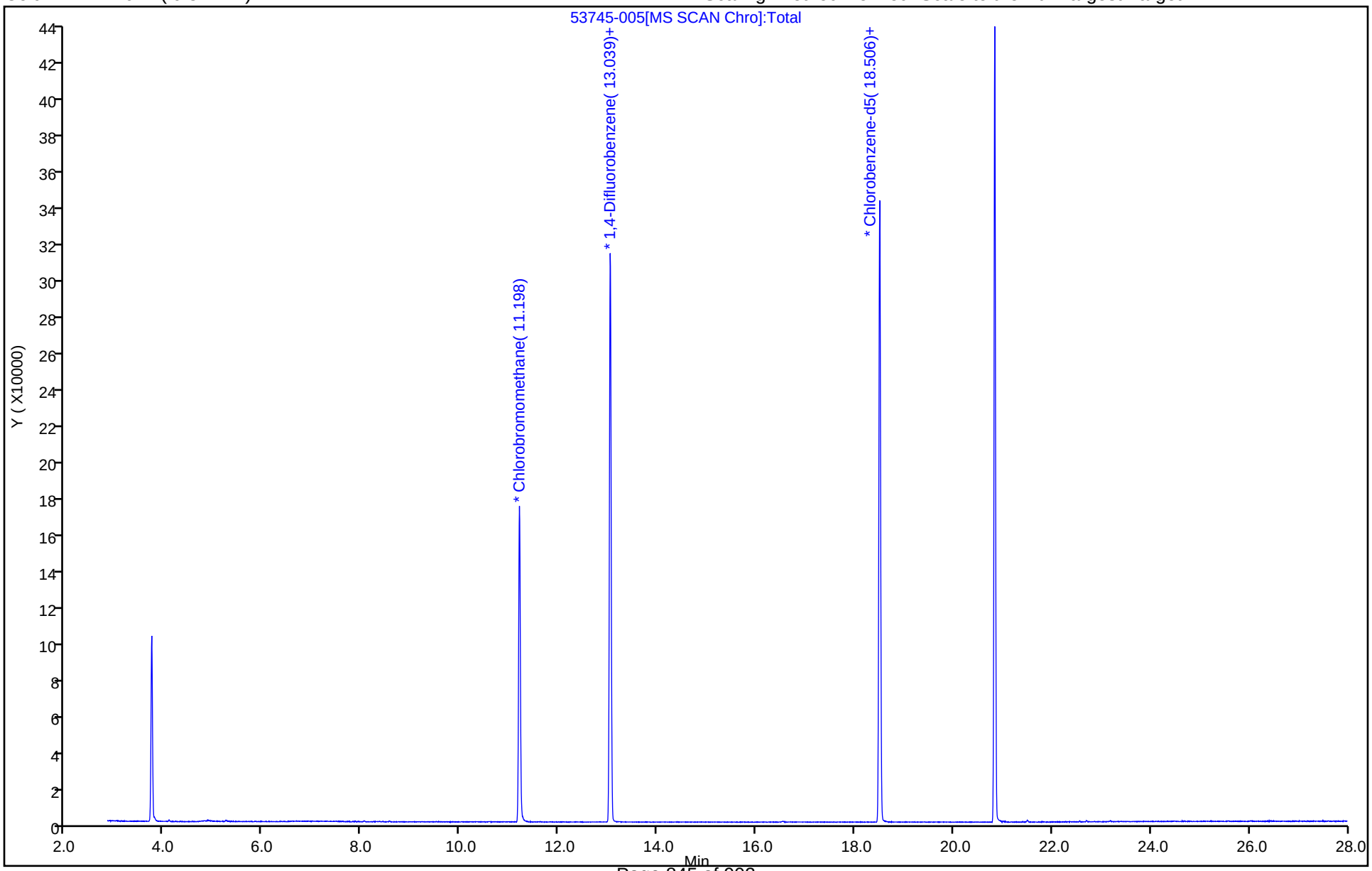
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 21-Dec-2022 08:11:38 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221220-53745.b\53745-005.d				
Injection Date:	20-Dec-2022 11:00:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-66204-A-4	Lab Sample ID:	200-66204-4	Worklist Smp#:	5
Client ID:	2885				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	4
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



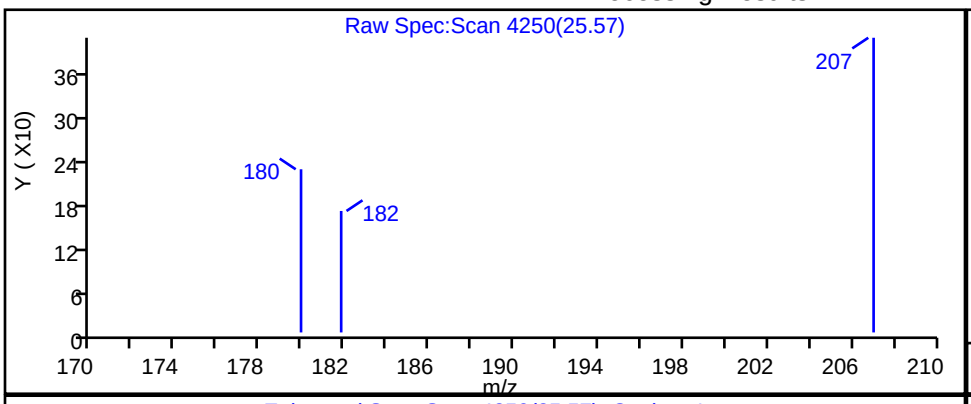
User Disabled Compound Report

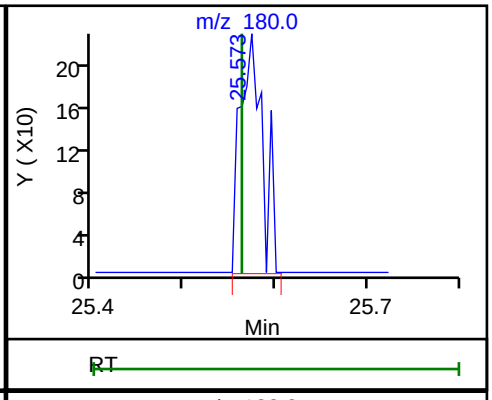
Eurofins Burlington

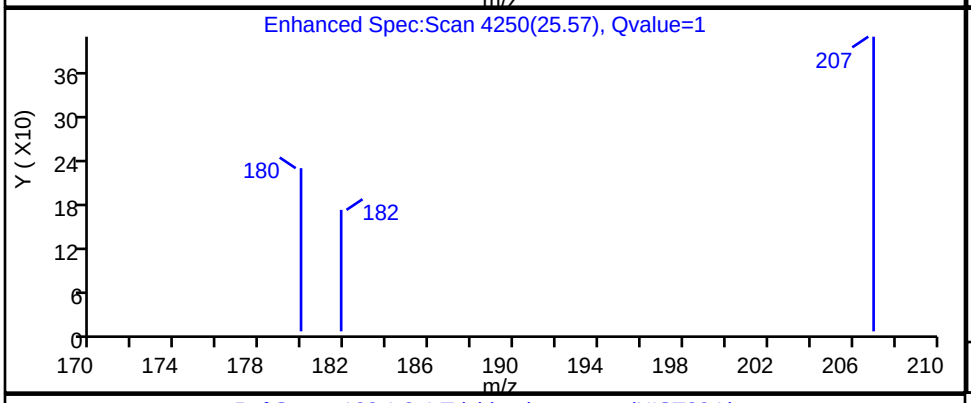
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221220-53745.b\53745-005.d				
Injection Date:	20-Dec-2022 11:00:30	Instrument ID:	CHW.i		
Lims ID:	200-66204-A-4	Lab Sample ID:	200-66204-4		
Client ID:	2885				
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

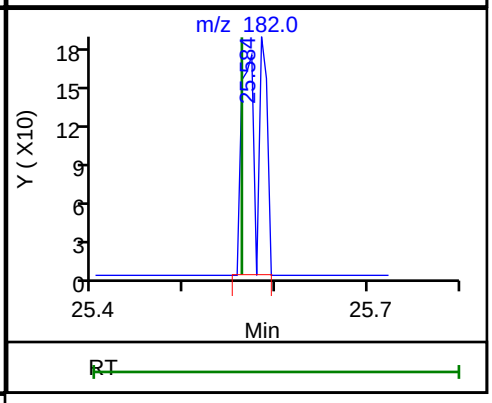
102 1,2,4-Trichlorobenzene, CAS: 120-82-1

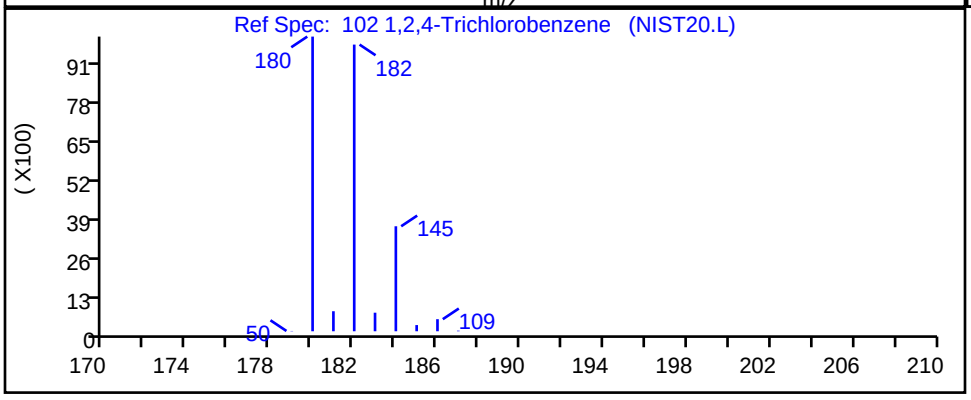
Processing Results











RT	Mass	Response	Amount
25.57	180.00	385	0.018819
25.58	182.00	260	

Reviewer: bunmaa, 21-Dec-2022 08:11:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66321-1

SDG No.:

Client Sample ID: 4081 Lab Sample ID: 200-66321-1

Matrix: Air Lab File ID: 53914-006.D

Analysis Method: TO-15 Date Collected: 01/03/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66321-1

SDG No.:

Client Sample ID: 4081 Lab Sample ID: 200-66321-1

Matrix: Air Lab File ID: 53914-006.D

Analysis Method: TO-15 Date Collected: 01/03/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66321-1

SDG No.:

Client Sample ID: 4081 Lab Sample ID: 200-66321-1

Matrix: Air Lab File ID: 53914-006.D

Analysis Method: TO-15 Date Collected: 01/03/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20230106-53914.b\53914-006.D
Lims ID: 200-66321-A-1
Client ID: 4081
Sample Type: Client
Inject. Date: 06-Jan-2023 11:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053914-006
Misc. Info.: 66321-1
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20230106-53914.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2023 08:03:22 Calib Date: 04-Jan-2023 02:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20230103-53879.b\53879-015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: bunmaa Date: 09-Jan-2023 08:03:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		2.799				ND	7
2	Dichlorodifluoromethane	85		2.864				ND	
3	Chlorodifluoromethane	51		2.896				ND	7
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.088				ND	
5	Chloromethane	50		3.189				ND	7
6	Butane	43		3.376				ND	7
7	Vinyl chloride	62		3.397				ND	
8	Butadiene	54		3.467				ND	
9	Bromomethane	94		4.038				ND	
10	Chloroethane	64		4.251				ND	
13	Vinyl bromide	106		4.609				ND	
14	Trichlorofluoromethane	101		4.726				ND	
16	Ethanol	45		5.276				ND	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101		5.751				ND	
20	1,1-Dichloroethene	96		5.756				ND	
21	Acetone	43		5.954				ND	
22	Carbon disulfide	76		6.108				ND	
23	Isopropyl alcohol	45		6.322				ND	
24	3-Chloro-1-propene	41		6.487				ND	
26	Methylene Chloride	49		6.759				ND	7
28	2-Methyl-2-propanol	59		7.090				ND	
29	trans-1,2-Dichloroethene	61		7.218				ND	
30	Methyl tert-butyl ether	73		7.240				ND	
32	Hexane	57		7.661				ND	
33	1,1-Dichloroethane	63		8.035				ND	
34	Vinyl acetate	43		8.142				ND	
35	cis-1,2-Dichloroethene	96		9.108				ND	
36	2-Butanone (MEK)	72		9.161				ND	
37	Ethyl acetate	88		9.257				ND	
* 38	Chlorobromomethane	128	9.540	9.540	0.000	94	239660	20.0	
39	Tetrahydrofuran	42		9.620				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.695				ND	
	41 1,1,1-Trichloroethane	97		9.972				ND	
	42 Cyclohexane	84		9.988				ND	
S	43 1,2-Dichloroethene, Total	61		10.200				ND	7
	44 Carbon tetrachloride	117		10.239				ND	
	45 Benzene	78	10.682	10.682	0.032	1	507	0.005020	7M
	46 Isooctane	57		10.725				ND	
	47 1,2-Dichloroethane	62		10.794				ND	
	48 n-Heptane	43		11.130				ND	
*	49 1,4-Difluorobenzene	114	11.498	11.493	0.005	98	1359840	20.0	
	50 Trichloroethene	95		11.963				ND	
	53 1,2-Dichloropropane	63		12.449				ND	
	56 Dibromomethane	174		12.699				ND	7
	55 Methyl methacrylate	69		12.705				ND	
	57 1,4-Dioxane	88		12.747				ND	
	58 Dichlorobromomethane	83		13.025				ND	
	59 cis-1,3-Dichloropropene	75		13.991				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		14.317				ND	
	62 Toluene	92		14.610				ND	
	66 trans-1,3-Dichloropropene	75		15.197				ND	
	67 1,1,2-Trichloroethane	83		15.560				ND	
	68 Tetrachloroethene	166		15.741				ND	
	69 2-Hexanone	43		16.078				ND	
	70 Chlorodibromomethane	129		16.329				ND	
	71 Ethylene Dibromide	107		16.574				ND	
*	72 Chlorobenzene-d5	117	17.524	17.519	0.005	96	1156037	20.0	
	73 Chlorobenzene	112		17.577				ND	
	74 Ethylbenzene	91		17.764				ND	MU
	76 m-Xylene & p-Xylene	106		18.020				ND	
	77 o-Xylene	106		18.848				ND	
	78 Styrene	104		18.896				ND	
	80 Bromoform	173		19.296				ND	
	81 Isopropylbenzene	105		19.600				ND	
S	82 Xylenes, Total	106		20.100				ND	7
	83 1,1,2,2-Tetrachloroethane	83		20.305				ND	
	85 N-Propylbenzene	91		20.422				ND	7
	86 2-Chlorotoluene	91		20.619				ND	7
	87 4-Ethyltoluene	105		20.635				ND	
	89 1,3,5-Trimethylbenzene	105		20.758				ND	
	91 tert-Butylbenzene	119		21.292				ND	
	92 1,2,4-Trimethylbenzene	105		21.393				ND	
	93 sec-Butylbenzene	105		21.644				ND	
	95 1,3-Dichlorobenzene	146		21.863				ND	
	94 4-Isopropyltoluene	119		21.868				ND	7
	96 1,4-Dichlorobenzene	146		22.007				ND	
	97 Benzyl chloride	91		22.199				ND	7
	98 n-Butylbenzene	91		22.461				ND	7
	100 1,2-Dichlorobenzene	146		22.535				ND	7
	102 1,2,4-Trichlorobenzene	180		24.830				ND	
	103 Hexachlorobutadiene	225		25.038				ND	
	104 Naphthalene	128		25.225				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

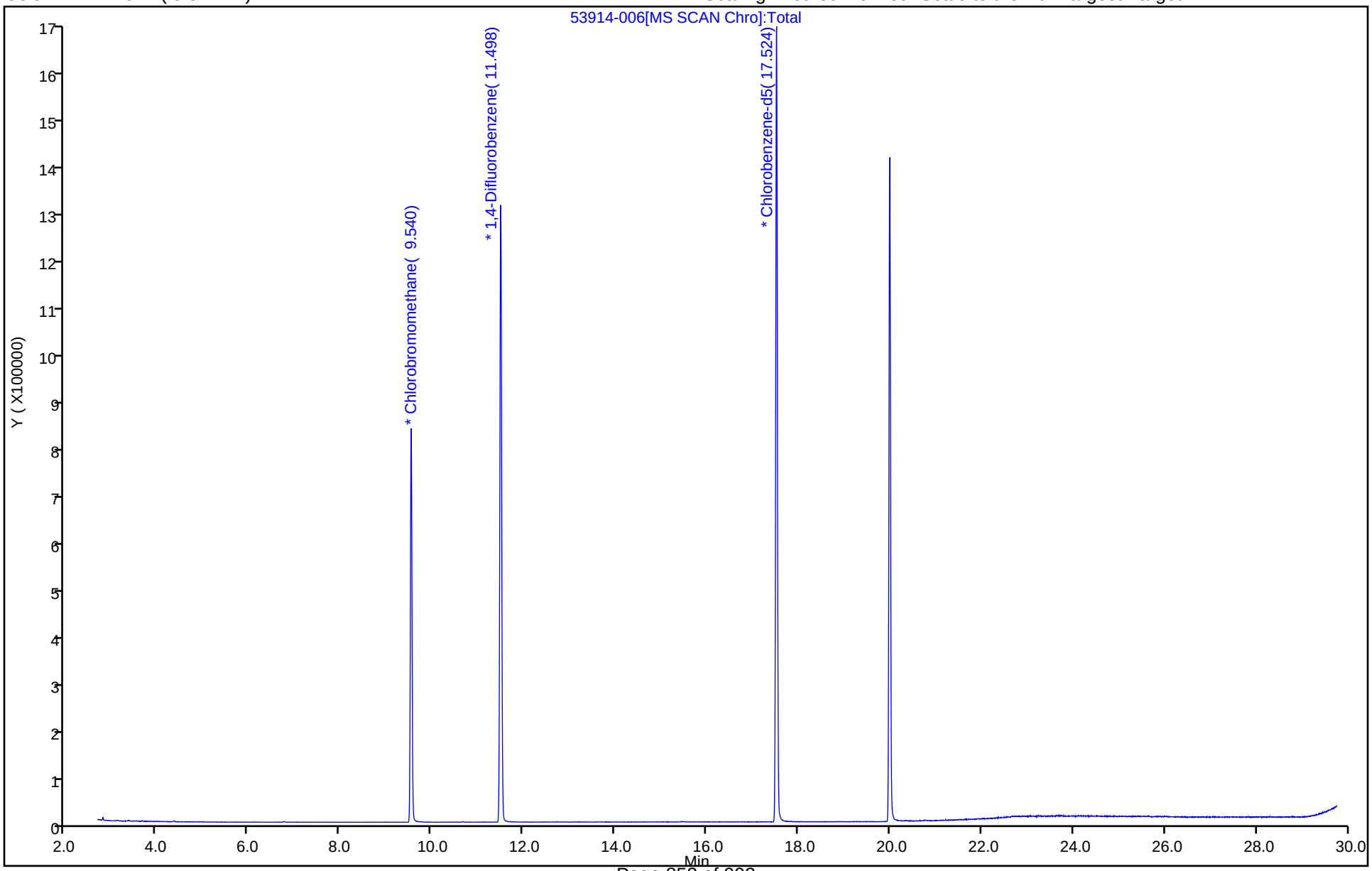
ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

Report Date: 09-Jan-2023 08:03:22 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230106-53914.b\53914-006.D				
Injection Date:	06-Jan-2023 11:54:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-66321-A-1	Lab Sample ID:	200-66321-1	Worklist Smp#:	6
Client ID:	4081				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

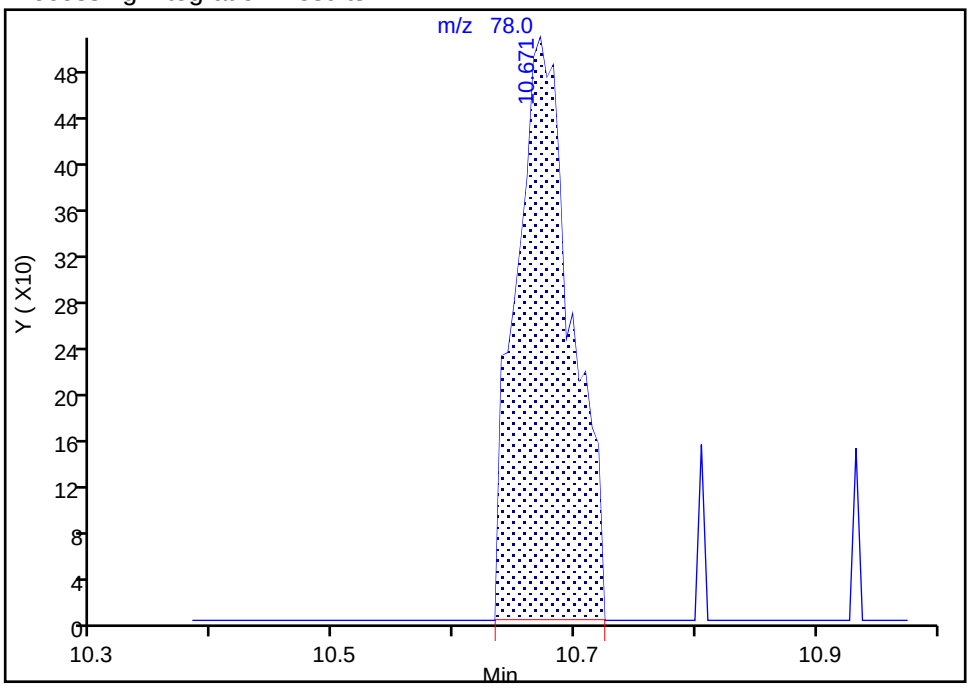
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230106-53914.b\53914-006.D				
Injection Date:	06-Jan-2023 11:54:30	Instrument ID:	CHC.i		
Lims ID:	200-66321-A-1	Lab Sample ID:	200-66321-1		
Client ID:	4081				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

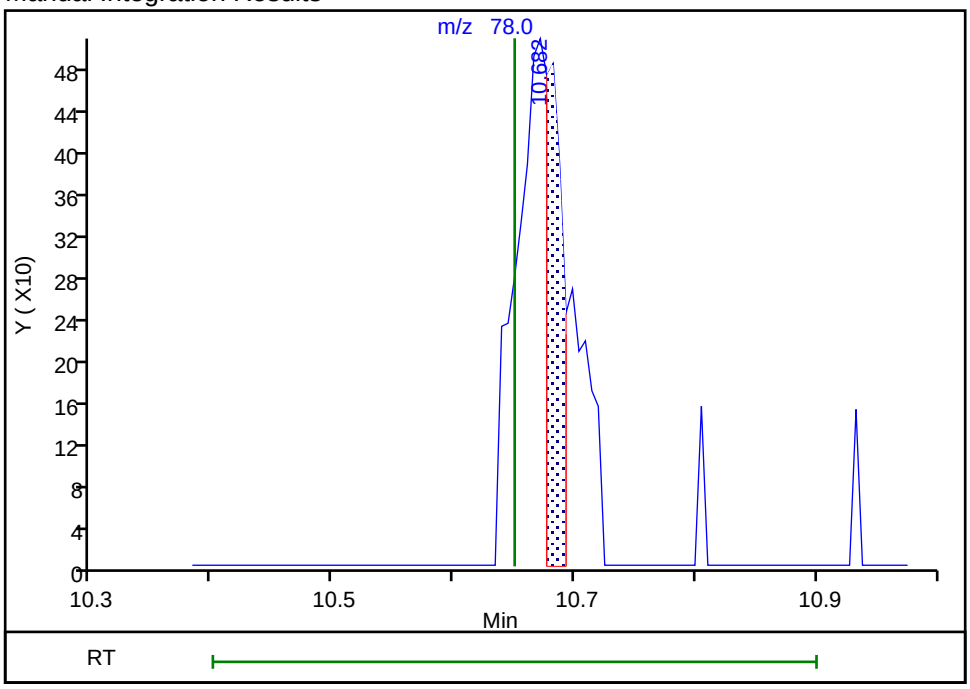
Processing Integration Results

RT: 10.67
Area: 1615
Amount: 0.015989
Amount Units: ppb v/v



Manual Integration Results

RT: 10.68
Area: 507
Amount: 0.005020
Amount Units: ppb v/v



Reviewer: bunmaa, 09-Jan-2023 08:02:04

Audit Action: Manually Integrated Audit Reason: Assign Peak

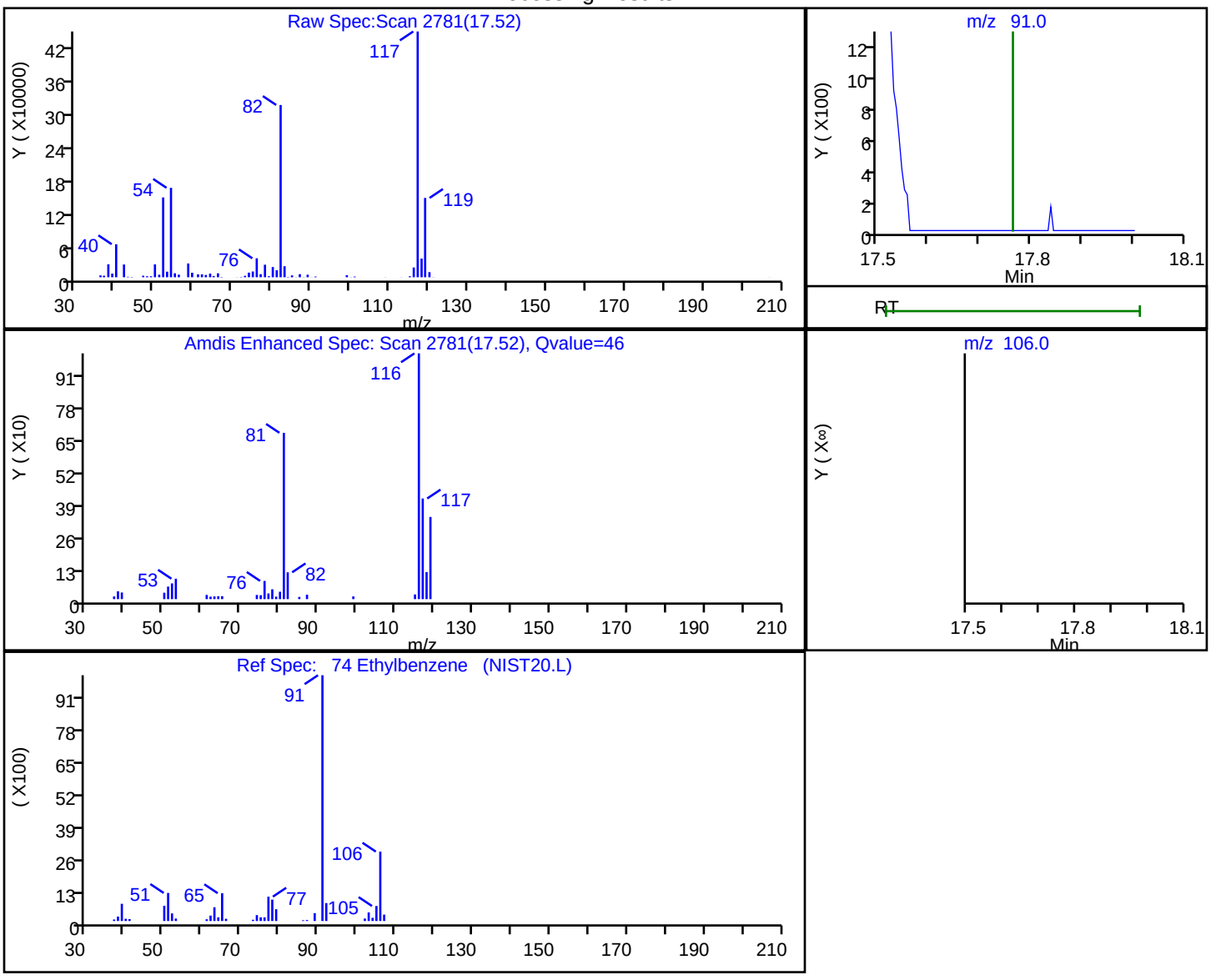
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230106-53914.b\53914-006.D				
Injection Date:	06-Jan-2023 11:54:30	Instrument ID:	CHC.i		
Lims ID:	200-66321-A-1	Lab Sample ID:	200-66321-1		
Client ID:	4081				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.52	91.00	2863	0.018045
17.76	106.00	0	

Reviewer: bunmaa, 09-Jan-2023 08:02:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66333-1

SDG No.:

Client Sample ID: 34001159 Lab Sample ID: 200-66333-3

Matrix: Air Lab File ID: 53928-006.D

Analysis Method: TO-15 Date Collected: 01/05/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/09/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66333-1

SDG No.:

Client Sample ID: 34001159 Lab Sample ID: 200-66333-3

Matrix: Air Lab File ID: 53928-006.D

Analysis Method: TO-15 Date Collected: 01/05/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/09/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66333-1

SDG No.:

Client Sample ID: 34001159 Lab Sample ID: 200-66333-3

Matrix: Air Lab File ID: 53928-006.D

Analysis Method: TO-15 Date Collected: 01/05/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/09/2023 11:54

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20230109-53928.b\53928-006.D
Lims ID: 200-66333-A-3
Client ID: 34001159
Sample Type: Client
Inject. Date: 09-Jan-2023 11:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053928-006
Misc. Info.: 66333-3
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20230109-53928.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Jan-2023 08:43:04 Calib Date: 04-Jan-2023 02:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20230103-53879.b\53879-015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: bunmaa Date: 10-Jan-2023 08:43:04

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		2.805				ND	
2	Dichlorodifluoromethane	85		2.863				ND	
3	Chlorodifluoromethane	51		2.895				ND	7
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.088				ND	
5	Chloromethane	50		3.189				ND	7
6	Butane	43		3.376				ND	
7	Vinyl chloride	62		3.397				ND	
8	Butadiene	54		3.466				ND	
9	Bromomethane	94		4.038				ND	
10	Chloroethane	64		4.251				ND	
13	Vinyl bromide	106		4.609				ND	
14	Trichlorofluoromethane	101		4.726				ND	
16	Ethanol	45		5.276				ND	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101		5.751				ND	
20	1,1-Dichloroethene	96		5.756				ND	
21	Acetone	43		5.953				ND	7
22	Carbon disulfide	76		6.114				ND	7
23	Isopropyl alcohol	45		6.322				ND	
24	3-Chloro-1-propene	41		6.487				ND	
26	Methylene Chloride	49		6.759				ND	7
28	2-Methyl-2-propanol	59		7.085				ND	
29	trans-1,2-Dichloroethene	61		7.218				ND	
30	Methyl tert-butyl ether	73		7.240				ND	
32	Hexane	57		7.661				ND	MU
33	1,1-Dichloroethane	63		8.035				ND	
34	Vinyl acetate	43		8.147				ND	
35	cis-1,2-Dichloroethene	96		9.113				ND	
36	2-Butanone (MEK)	72		9.161				ND	
37	Ethyl acetate	88		9.257				ND	
* 38	Chlorobromomethane	128	9.540	9.540	0.000	93	218959	20.0	
39	Tetrahydrofuran	42		9.620				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.700				ND	
	41 1,1,1-Trichloroethane	97		9.972				ND	
	42 Cyclohexane	84		9.988				ND	
S	43 1,2-Dichloroethene, Total	61		10.200				ND	7
	44 Carbon tetrachloride	117		10.244				ND	
	45 Benzene	78		10.650				ND	
	46 Isooctane	57		10.725				ND	
	47 1,2-Dichloroethane	62		10.794				ND	
	48 n-Heptane	43		11.130				ND	
*	49 1,4-Difluorobenzene	114	11.493	11.499	-0.005	98	1237451	20.0	
	50 Trichloroethene	95		11.963				ND	
	53 1,2-Dichloropropane	63		12.448				ND	
	56 Dibromomethane	174		12.699				ND	7
	55 Methyl methacrylate	69		12.705				ND	
	57 1,4-Dioxane	88		12.747				ND	
	58 Dichlorobromomethane	83		13.030				ND	
	59 cis-1,3-Dichloropropene	75		13.991				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		14.311				ND	
	62 Toluene	92		14.610				ND	
	66 trans-1,3-Dichloropropene	75		15.197				ND	
	67 1,1,2-Trichloroethane	83		15.560				ND	
	68 Tetrachloroethene	166		15.741				ND	
	69 2-Hexanone	43		16.072				ND	
	70 Chlorodibromomethane	129		16.328				ND	
	71 Ethylene Dibromide	107		16.574				ND	
*	72 Chlorobenzene-d5	117	17.519	17.519	0.000	97	1064565	20.0	
	73 Chlorobenzene	112		17.577				ND	
	74 Ethylbenzene	91		17.764				ND	MU
	76 m-Xylene & p-Xylene	106		18.020				ND	
	77 o-Xylene	106		18.847				ND	
	78 Styrene	104		18.895				ND	
	80 Bromoform	173		19.296				ND	
	81 Isopropylbenzene	105		19.600				ND	
S	82 Xylenes, Total	106		20.100				ND	7
	83 1,1,2,2-Tetrachloroethane	83		20.304				ND	
	85 N-Propylbenzene	91		20.422				ND	7
	86 2-Chlorotoluene	91		20.619				ND	7
	87 4-Ethyltoluene	105		20.635				ND	
	89 1,3,5-Trimethylbenzene	105		20.758				ND	
	91 tert-Butylbenzene	119		21.286				ND	
	92 1,2,4-Trimethylbenzene	105		21.393				ND	
	93 sec-Butylbenzene	105		21.644				ND	
	95 1,3-Dichlorobenzene	146		21.863				ND	
	94 4-Isopropyltoluene	119		21.868				ND	7
	96 1,4-Dichlorobenzene	146		22.007				ND	
	97 Benzyl chloride	91		22.199				ND	7
	98 n-Butylbenzene	91		22.461				ND	7
	100 1,2-Dichlorobenzene	146		22.535				ND	
	102 1,2,4-Trichlorobenzene	180		24.830				ND	
	103 Hexachlorobutadiene	225		25.038				ND	
	104 Naphthalene	128		25.225				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

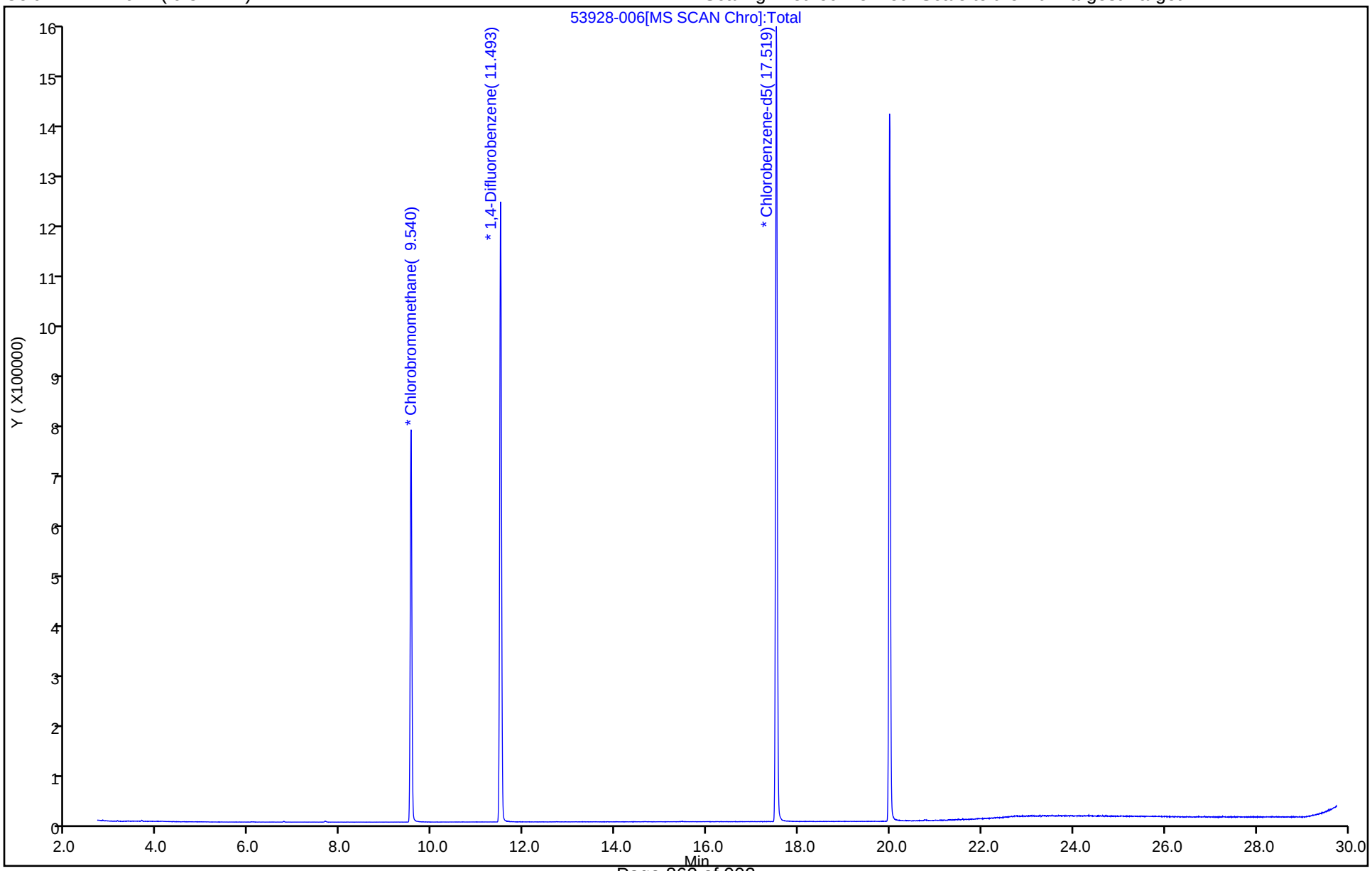
Report Date: 10-Jan-2023 08:43:04 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20230109-53928.b\53928-006.D

Injection Date:	09-Jan-2023 11:54:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-66333-A-3	Lab Sample ID:	200-66333-3	Worklist Smp#:	6
Client ID:	34001159				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



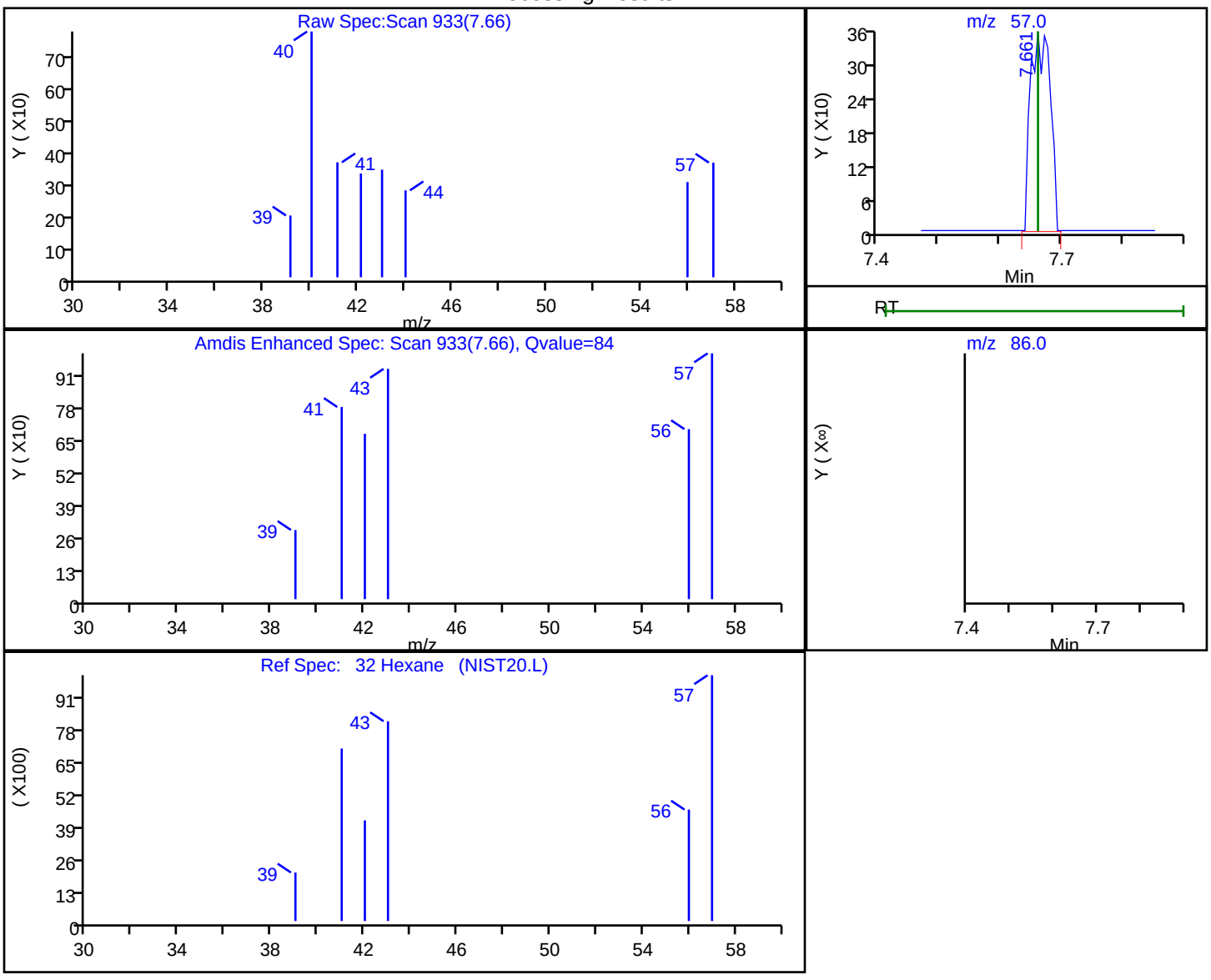
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230109-53928.b\53928-006.D				
Injection Date:	09-Jan-2023 11:54:30	Instrument ID:	CHC.i		
Lims ID:	200-66333-A-3	Lab Sample ID:	200-66333-3		
Client ID:	34001159				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
7.66	57.00	803	0.019225
7.66	86.00	0	

Reviewer: bunmaa, 10-Jan-2023 08:41:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

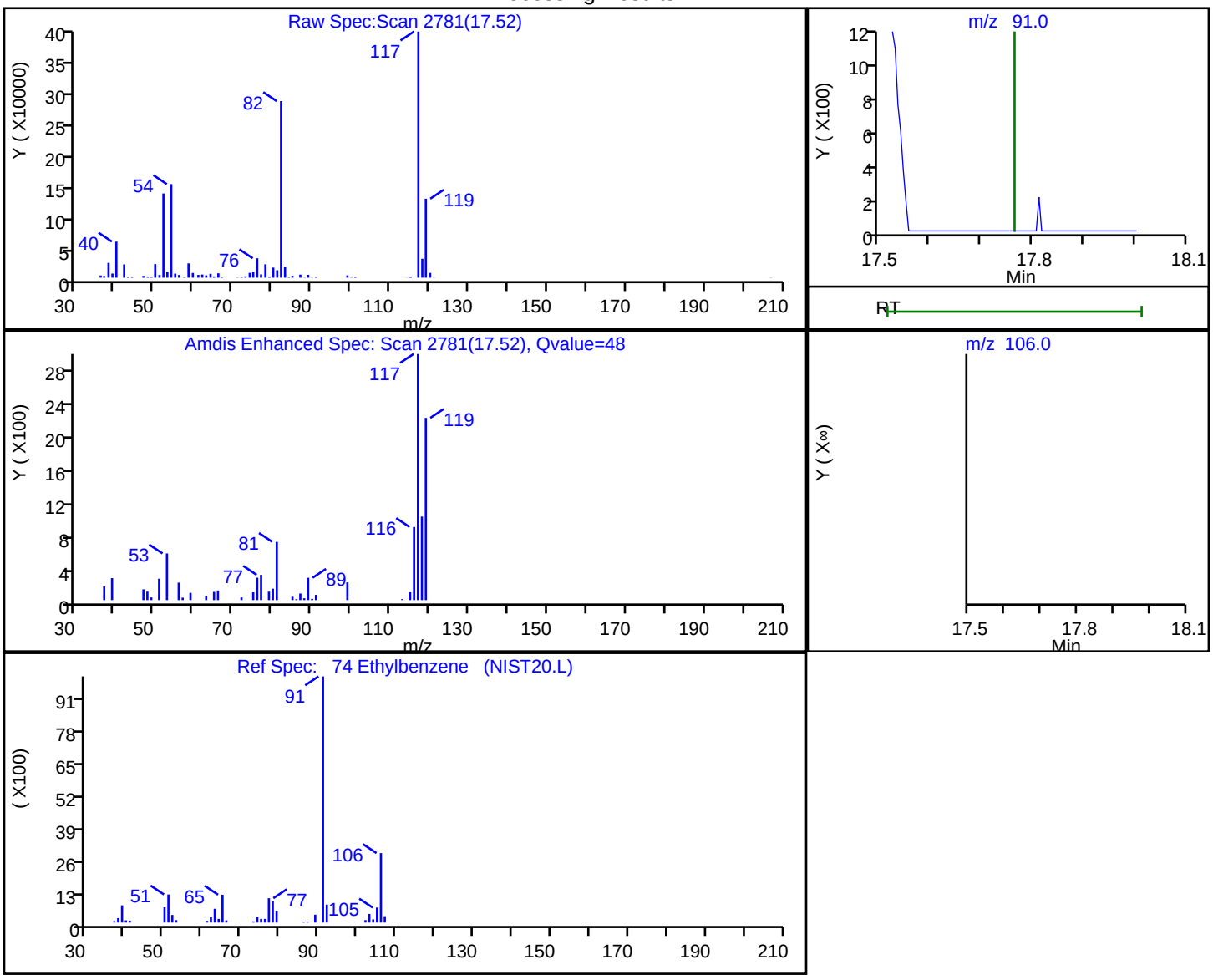
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230109-53928.b\53928-006.D				
Injection Date:	09-Jan-2023 11:54:30	Instrument ID:	CHC.i		
Lims ID:	200-66333-A-3	Lab Sample ID:	200-66333-3		
Client ID:	34001159				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.52	91.00	2784	0.019054
17.76	106.00	0	

Reviewer: bunmaa, 10-Jan-2023 08:42:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66354-1

SDG No.:

Client Sample ID: 2690 Lab Sample ID: 200-66354-4

Matrix: Air Lab File ID: 53942-007.d

Analysis Method: TO-15 Date Collected: 01/06/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/10/2023 12:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187376 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.0084
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.011	J	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66354-1

SDG No.:

Client Sample ID: 2690 Lab Sample ID: 200-66354-4

Matrix: Air Lab File ID: 53942-007.d

Analysis Method: TO-15 Date Collected: 01/06/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/10/2023 12:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187376 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.040	U	0.040	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.040	U	0.040	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.010
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20230110-53942.b\53942-007.d
Lims ID: 200-66354-A-4
Client ID: 2690
Sample Type: Client
Inject. Date: 10-Jan-2023 12:52:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053942-007
Misc. Info.: 66354-4
Operator ID: wrd Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20230110-53942.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Jan-2023 09:26:51 Calib Date: 08-Jan-2023 00:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20230107-53923.b\53923-014.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: puangmaleek Date: 11-Jan-2023 09:22:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.089				ND	
	2 Dichlorodifluoromethane	85		4.180				ND	
	3 Chlorodifluoromethane	51		4.223				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.522				ND	
	5 Chloromethane	50		4.634				ND	
	6 Vinyl chloride	62		4.934				ND	
	7 Butane	43		4.939				ND	7
	8 Butadiene	54		5.046				ND	
	9 Bromomethane	94		5.747				ND	
	10 Chloroethane	64		6.009				ND	
	13 Vinyl bromide	106		6.427				ND	
	14 Trichlorofluoromethane	101		6.587				ND	
	16 Ethanol	45		6.956				ND	
	20 1,1-Dichloroethene	96		7.636				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.678				ND	
	22 Acetone	43		7.716				ND	
	23 Isopropyl alcohol	45		8.010				ND	
	24 Carbon disulfide	76	8.042	8.042	0.000	94	1400	0.0286	
	26 3-Chloro-1-propene	41		8.326				ND	
	27 Methylene Chloride	49		8.556				ND	7
	28 2-Methyl-2-propanol	59		8.775				ND	
	30 trans-1,2-Dichloroethene	61		9.053				ND	
	31 Methyl tert-butyl ether	73		9.069				ND	
	32 Hexane	57		9.562				ND	
	33 1,1-Dichloroethane	63		9.808				ND	
	34 Vinyl acetate	43		9.818				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		10.765				ND	
	37 cis-1,2-Dichloroethene	96		10.792				ND	
	38 Ethyl acetate	88		10.856				ND	
*	39 Chlorobromomethane	128	11.198	11.199	-0.001	82	109659	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Tetrahydrofuran	42		11.252				ND	
	41 Chloroform	83		11.375				ND	
	42 1,1,1-Trichloroethane	97		11.680				ND	
	43 Cyclohexane	84		11.819				ND	
	44 Carbon tetrachloride	117		11.958				ND	
	45 Benzene	78		12.301				ND	
	46 1,2-Dichloroethane	62		12.375				ND	
	47 Isooctane	57		12.525				ND	
	48 n-Heptane	43		12.836				ND	
*	49 1,4-Difluorobenzene	114	13.039	13.039	0.000	93	577380	10.0	
	51 Trichloroethene	95		13.472				ND	
	53 1,2-Dichloropropane	63		13.922				ND	
	54 Methyl methacrylate	69		14.018				ND	
	55 1,4-Dioxane	88		14.061				ND	
	57 Dibromomethane	174		14.077				ND	
	58 Dichlorobromomethane	83		14.392				ND	
	59 cis-1,3-Dichloropropene	75		15.189				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	
	62 Toluene	92		15.831				ND	7
	66 trans-1,3-Dichloropropene	75		16.249				ND	
	67 1,1,2-Trichloroethane	83		16.618				ND	
	68 Tetrachloroethene	166	16.821	16.816	0.000	93	1800	0.0544	
	69 2-Hexanone	43		17.035				ND	
	70 Chlorodibromomethane	129		17.356				ND	
	71 Ethylene Dibromide	107		17.591				ND	
*	73 Chlorobenzene-d5	117	18.501	18.506	-0.005	84	478531	10.0	
	74 Chlorobenzene	112		18.565				ND	
	75 Ethylbenzene	91		18.758				ND	7
	76 m-Xylene & p-Xylene	106		19.020				ND	
	78 o-Xylene	106		19.796				ND	
	79 Styrene	104		19.833				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	81 Bromoform	173		20.186				ND	
	82 Isopropylbenzene	105		20.523				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.053				ND	
	85 N-Propylbenzene	91		21.261				ND	
	86 2-Chlorotoluene	91		21.406				ND	
	87 4-Ethyltoluene	105		21.465				ND	
	88 1,3,5-Trimethylbenzene	105		21.561				ND	
	91 tert-Butylbenzene	119		22.053				ND	
	92 1,2,4-Trimethylbenzene	105		22.144				ND	
	93 sec-Butylbenzene	105		22.385				ND	
	94 1,3-Dichlorobenzene	146		22.556				ND	7
	95 4-Isopropyltoluene	119		22.604				ND	
	96 1,4-Dichlorobenzene	146		22.700				ND	7
	97 Benzyl chloride	91		22.845				ND	
	98 n-Butylbenzene	91		23.160				ND	
	99 1,2-Dichlorobenzene	146		23.182				ND	7
	102 1,2,4-Trichlorobenzene	180		25.562				ND	
	103 Hexachlorobutadiene	225		25.803				ND	
	104 Naphthalene	128		26.017				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

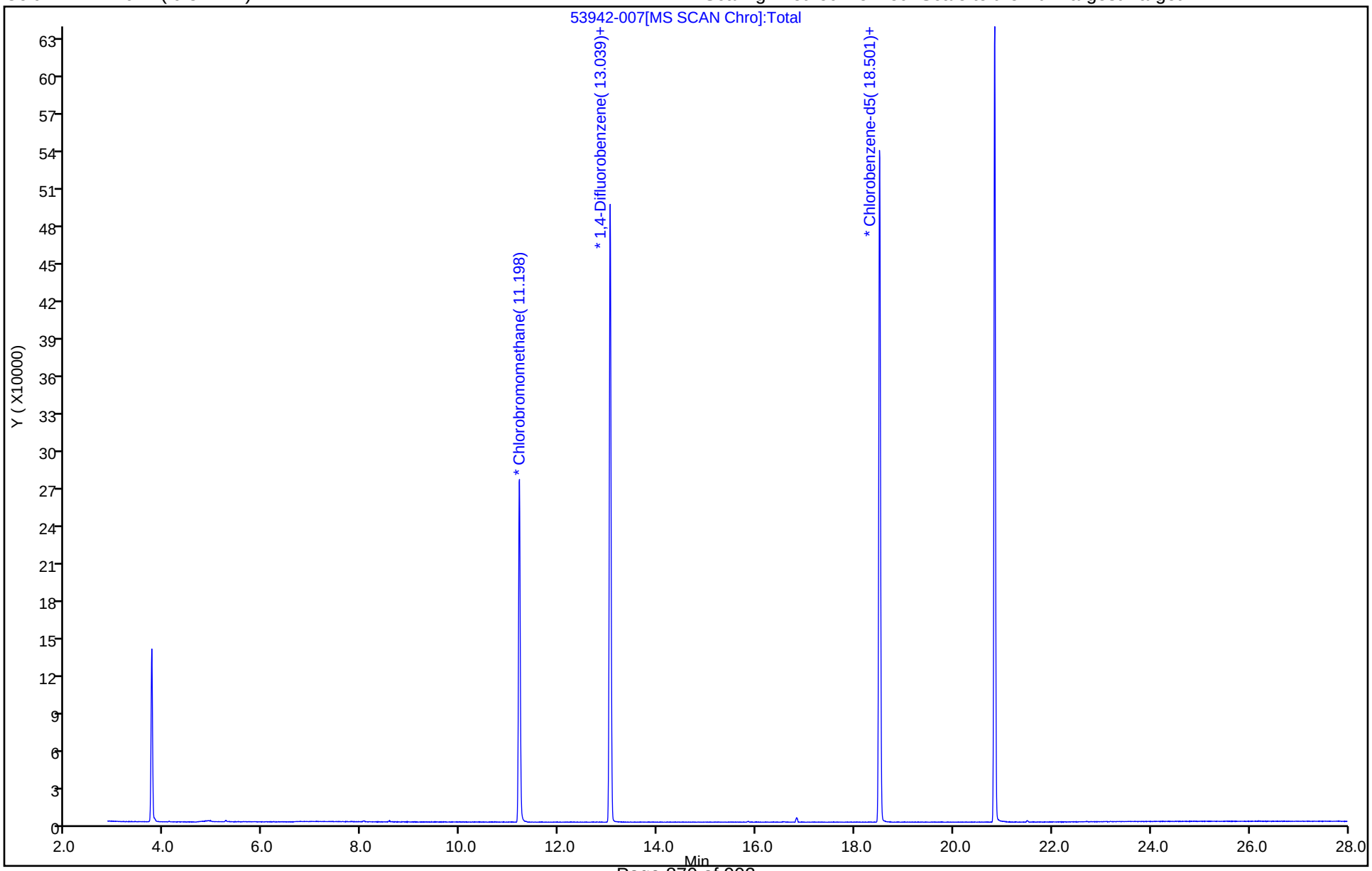
Report Date: 11-Jan-2023 09:28:43 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20230110-53942.b\53942-007.d

Injection Date:	10-Jan-2023 12:52:30	Instrument ID:	CHW.i	Operator ID:	wrd
Lims ID:	200-66354-A-4	Lab Sample ID:	200-66354-4	Worklist Smp#:	7
Client ID:	2690				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



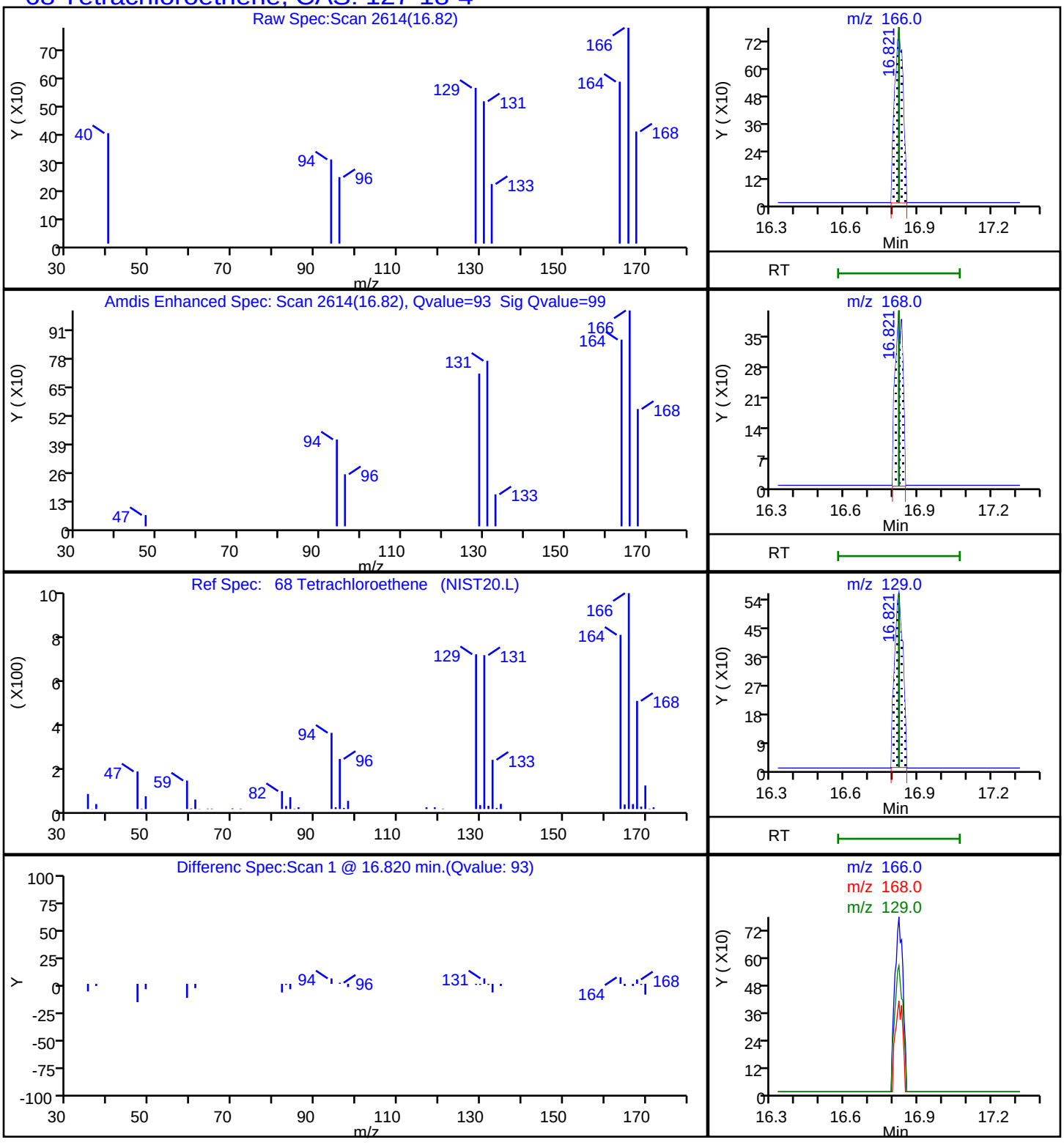
Report Date: 11-Jan-2023 09:28:43 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20230110-53942.b\53942-007.d

Injection Date:	10-Jan-2023 12:52:30	Instrument ID:	CHW.i		
Lims ID:	200-66354-A-4	Lab Sample ID:	200-66354-4		
Client ID:	2690				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66355-1

SDG No.:

Client Sample ID: 5136 Lab Sample ID: 200-66355-4

Matrix: Air Lab File ID: 53941-006.D

Analysis Method: TO-15 Date Collected: 01/06/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/10/2023 11:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187374 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66355-1

SDG No.:

Client Sample ID: 5136 Lab Sample ID: 200-66355-4

Matrix: Air Lab File ID: 53941-006.D

Analysis Method: TO-15 Date Collected: 01/06/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/10/2023 11:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187374 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66355-1

SDG No.:

Client Sample ID: 5136 Lab Sample ID: 200-66355-4

Matrix: Air Lab File ID: 53941-006.D

Analysis Method: TO-15 Date Collected: 01/06/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/10/2023 11:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187374 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20230110-53941.b\53941-006.D
Lims ID: 200-66355-A-4
Client ID: 5136
Sample Type: Client
Inject. Date: 10-Jan-2023 11:47:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0053941-006
Misc. Info.: 66355-4
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20230110-53941.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Jan-2023 08:02:56 Calib Date: 04-Jan-2023 02:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20230103-53879.b\53879-015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: bunmaa Date: 11-Jan-2023 08:02:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.805				ND	7
2 Dichlorodifluoromethane	85		2.864				ND	7
3 Chlorodifluoromethane	51		2.901				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.088				ND	7
5 Chloromethane	50		3.194				ND	
6 Butane	43		3.376				ND	7
7 Vinyl chloride	62		3.403				ND	
8 Butadiene	54		3.472				ND	
9 Bromomethane	94		4.038				ND	
10 Chloroethane	64		4.251				ND	
13 Vinyl bromide	106		4.609				ND	
14 Trichlorofluoromethane	101		4.726				ND	
16 Ethanol	45		5.281				ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.751				ND	
20 1,1-Dichloroethene	96		5.756				ND	
21 Acetone	43		5.954				ND	7
22 Carbon disulfide	76	6.124	6.110	0.010	98	1227	0.0187	
23 Isopropyl alcohol	45		6.332				ND	
24 3-Chloro-1-propene	41		6.487				ND	
26 Methylene Chloride	49	6.770	6.770	0.011	93	1172	0.0369	7M
28 2-Methyl-2-propanol	59		7.096				ND	
29 trans-1,2-Dichloroethene	61		7.218				ND	
30 Methyl tert-butyl ether	73		7.240				ND	
32 Hexane	57		7.656				ND	
33 1,1-Dichloroethane	63		8.035				ND	
34 Vinyl acetate	43		8.142				ND	
35 cis-1,2-Dichloroethene	96		9.108				ND	
36 2-Butanone (MEK)	72		9.161				ND	
37 Ethyl acetate	88		9.257				ND	
* 38 Chlorobromomethane	128	9.540	9.540	0.000	92	217073	20.0	
39 Tetrahydrofuran	42		9.620				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.695				ND	
	41 1,1,1-Trichloroethane	97		9.967				ND	
	42 Cyclohexane	84		9.988				ND	
S	43 1,2-Dichloroethene, Total	61		10.200				ND	7
	44 Carbon tetrachloride	117		10.239				ND	
	45 Benzene	78		10.650				ND	
	46 Isooctane	57		10.725				ND	
	47 1,2-Dichloroethane	62		10.794				ND	
	48 n-Heptane	43		11.130				ND	
*	49 1,4-Difluorobenzene	114	11.493	11.493	0.000	98	1222320	20.0	
	50 Trichloroethene	95		11.963				ND	
	53 1,2-Dichloropropane	63		12.449				ND	
	56 Dibromomethane	174		12.699				ND	
	55 Methyl methacrylate	69		12.705				ND	
	57 1,4-Dioxane	88		12.753				ND	
	58 Dichlorobromomethane	83		13.025				ND	
	59 cis-1,3-Dichloropropene	75		13.986				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		14.317				ND	
	62 Toluene	92		14.610				ND	
	66 trans-1,3-Dichloropropene	75		15.197				ND	
	67 1,1,2-Trichloroethane	83		15.560				ND	
	68 Tetrachloroethene	166		15.741				ND	
	69 2-Hexanone	43		16.078				ND	
	70 Chlorodibromomethane	129		16.329				ND	
	71 Ethylene Dibromide	107		16.574				ND	
*	72 Chlorobenzene-d5	117	17.519	17.519	0.000	98	1018437	20.0	
	73 Chlorobenzene	112		17.577				ND	
	74 Ethylbenzene	91		17.764				ND	MU
	76 m-Xylene & p-Xylene	106		18.020				ND	
	77 o-Xylene	106		18.848				ND	
	78 Styrene	104		18.890				ND	
	80 Bromoform	173		19.296				ND	
	81 Isopropylbenzene	105		19.600				ND	
S	82 Xylenes, Total	106		20.100				ND	7
	83 1,1,2,2-Tetrachloroethane	83		20.299				ND	
	85 N-Propylbenzene	91		20.422				ND	
	86 2-Chlorotoluene	91		20.614				ND	7
	87 4-Ethyltoluene	105		20.635				ND	
	89 1,3,5-Trimethylbenzene	105		20.758				ND	
	91 tert-Butylbenzene	119		21.287				ND	
	92 1,2,4-Trimethylbenzene	105		21.393				ND	
	93 sec-Butylbenzene	105		21.644				ND	
	95 1,3-Dichlorobenzene	146		21.863				ND	
	94 4-Isopropyltoluene	119		21.868				ND	7
	96 1,4-Dichlorobenzene	146		22.007				ND	
	97 Benzyl chloride	91		22.199				ND	7
	98 n-Butylbenzene	91		22.461				ND	7
	100 1,2-Dichlorobenzene	146		22.535				ND	
	102 1,2,4-Trichlorobenzene	180		24.830				ND	
	103 Hexachlorobutadiene	225		25.038				ND	
	104 Naphthalene	128		25.225				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

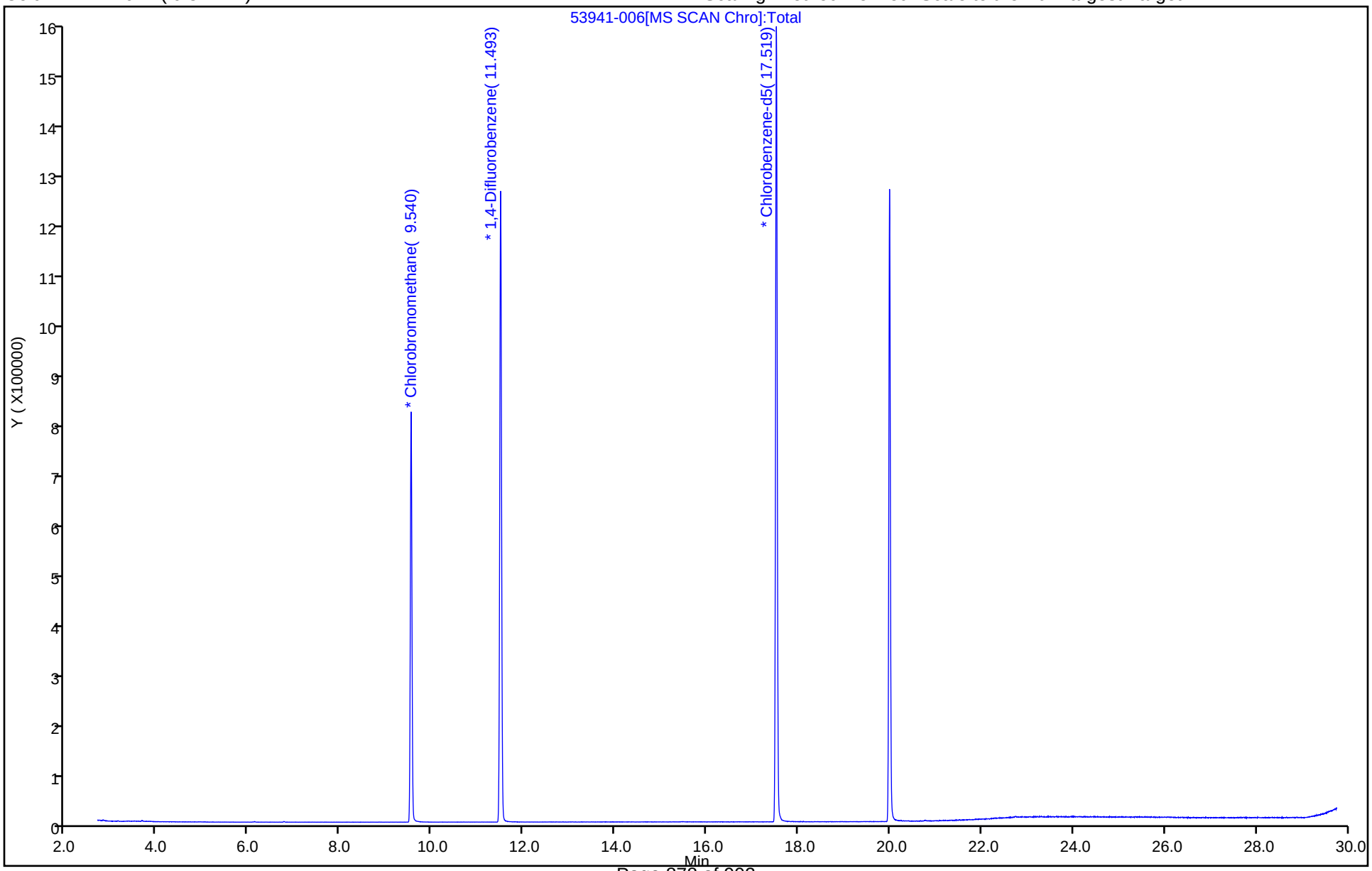
Report Date: 11-Jan-2023 08:02:56 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20230110-53941.b\53941-006.D

Injection Date:	10-Jan-2023 11:47:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-66355-A-4	Lab Sample ID:	200-66355-4	Worklist Smp#:	6
Client ID:	5136				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

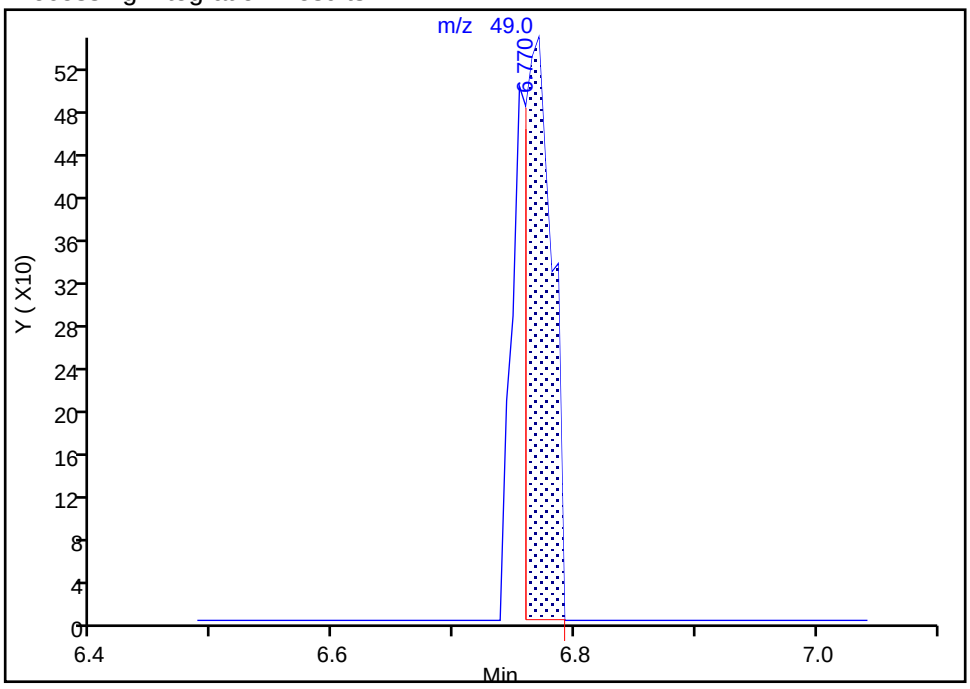
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230110-53941.b\53941-006.D				
Injection Date:	10-Jan-2023 11:47:30	Instrument ID:	CHC.i		
Lims ID:	200-66355-A-4	Lab Sample ID:	200-66355-4		
Client ID:	5136				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

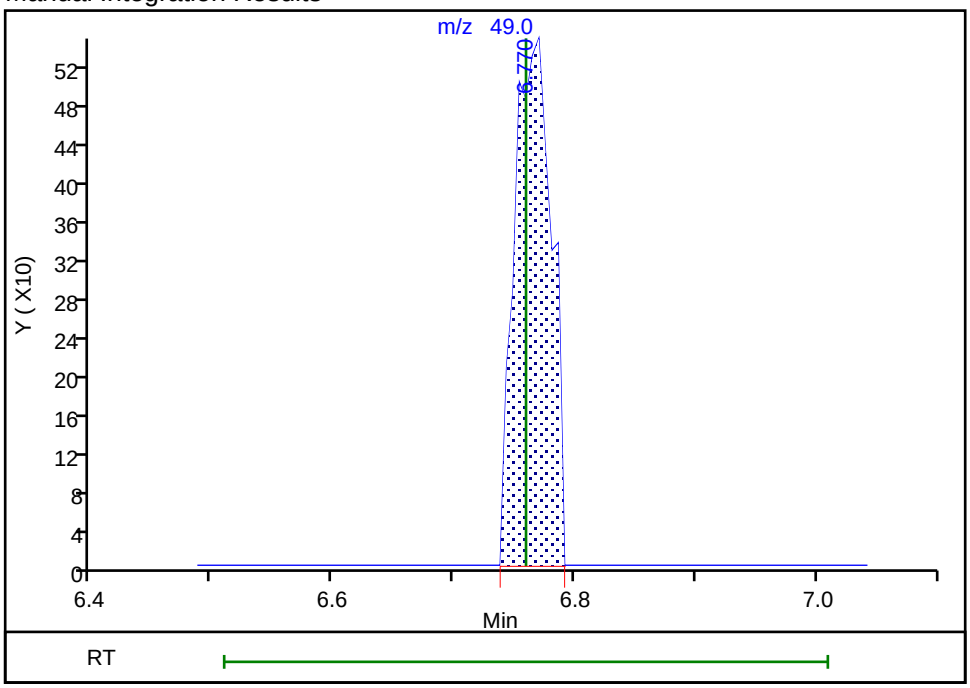
Processing Integration Results

RT: 6.77
Area: 852
Amount: 0.026848
Amount Units: ppb v/v



Manual Integration Results

RT: 6.77
Area: 1172
Amount: 0.036932
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Jan-2023 08:01:28

Audit Action: Manually Integrated Audit Reason: Assign Peak

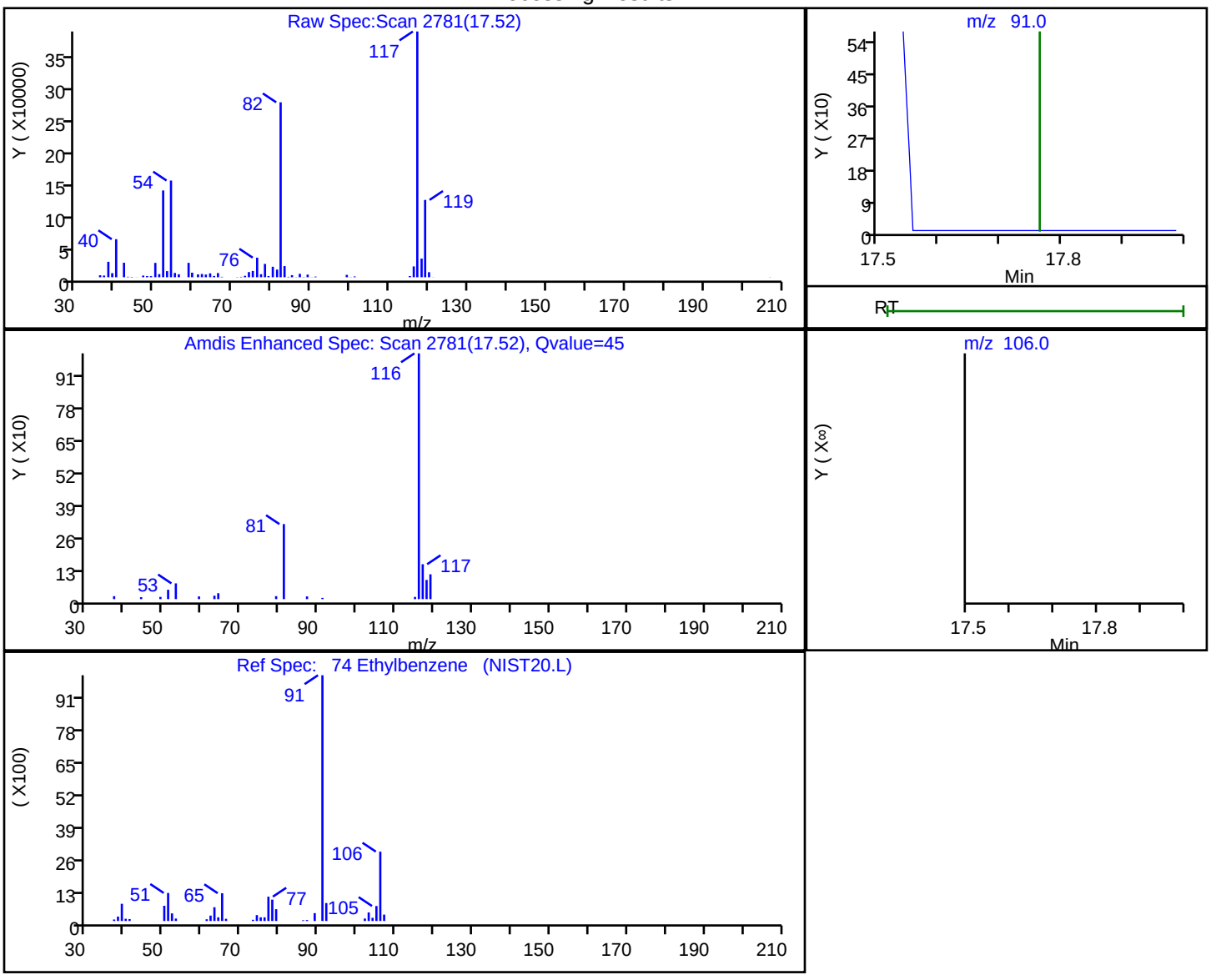
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20230110-53941.b\53941-006.D				
Injection Date:	10-Jan-2023 11:47:30	Instrument ID:	CHC.i		
Lims ID:	200-66355-A-4	Lab Sample ID:	200-66355-4		
Client ID:	5136				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.52	91.00	2638	0.018873
17.76	106.00	0	

Reviewer: bunmaa, 11-Jan-2023 08:02:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66495-1

SDG No.:

Client Sample ID: 5055 Lab Sample ID: 200-66495-1

Matrix: Air Lab File ID: 200-54063-005.D

Analysis Method: TO-15 Date Collected: 01/18/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/20/2023 12:41

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187688 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66495-1

SDG No.:

Client Sample ID: 5055 Lab Sample ID: 200-66495-1

Matrix: Air Lab File ID: 200-54063-005.D

Analysis Method: TO-15 Date Collected: 01/18/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/20/2023 12:41

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187688 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-66495-1

SDG No.:

Client Sample ID: 5055 Lab Sample ID: 200-66495-1

Matrix: Air Lab File ID: 200-54063-005.D

Analysis Method: TO-15 Date Collected: 01/18/2023 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/20/2023 12:41

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 187688 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D
Lims ID: 200-66495-A-1
Client ID: 5055
Sample Type: Client
Inject. Date: 20-Jan-2023 12:41:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0054063-005
Misc. Info.: 66495-1
Operator ID: vtp Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 23-Jan-2023 08:25:59 Calib Date: 11-Jan-2023 03:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20230110-53954.b\200-53954-012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: bunmaa Date: 23-Jan-2023 08:25:59

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		3.110				ND	7
	2 Dichlorodifluoromethane	85		3.169				ND	
	3 Chlorodifluoromethane	51		3.190				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.388				ND	
	5 Chloromethane	50		3.474				ND	
	6 Vinyl chloride	62		3.672				ND	
	7 Butane	43		3.677				ND	
	8 Butadiene	54		3.752				ND	
	9 Bromomethane	94		4.249				ND	
	10 Chloroethane	64		4.447				ND	
	12 Vinyl bromide	106		4.768				ND	
	13 Trichlorofluoromethane	101		4.897				ND	
	15 Ethanol	45		5.191				ND	
	18 1,1-Dichloroethene	96		5.795				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.822				ND	
	19 Acetone	43		5.860				ND	7
	22 Isopropyl alcohol	45		6.122				ND	
	23 Carbon disulfide	76		6.175				ND	7
	25 3-Chloro-1-propene	41		6.427				ND	
	26 Methylene Chloride	49		6.641				ND	7
	27 2-Methyl-2-propanol	59		6.860				ND	
	29 trans-1,2-Dichloroethene	61		7.127				ND	
	30 Methyl tert-butyl ether	73		7.149				ND	
	31 Hexane	57		7.636				ND	
	32 1,1-Dichloroethane	63		7.876				ND	
	33 Vinyl acetate	43		7.887				ND	
	34 2-Butanone (MEK)	72		8.850				ND	
	35 cis-1,2-Dichloroethene	96		8.866				ND	
	36 Ethyl acetate	88		8.936				ND	
*	37 Chlorobromomethane	128	9.284	9.283	0.001	81	150394	10.0	
	38 Tetrahydrofuran	42		9.348				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
39 Chloroform	83		9.465				ND	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.786				ND	
41 Cyclohexane	84		9.936				ND	
42 Carbon tetrachloride	117		10.086				ND	
44 Benzene	78	10.466	10.466	0.011	1	1025	0.0242	M
45 1,2-Dichloroethane	62		10.535				ND	
46 Isooctane	57		10.706				ND	
47 n-Heptane	43		11.049				ND	7
* 48 1,4-Difluorobenzene	114	11.274	11.273	0.001	94	802712	10.0	
50 Trichloroethene	95		11.755				ND	
51 1,2-Dichloropropane	63		12.263				ND	
54 Methyl methacrylate	69		12.392				ND	
53 Dibromomethane	174		12.429				ND	
55 1,4-Dioxane	88		12.434				ND	
56 Dichlorobromomethane	83		12.782				ND	
58 cis-1,3-Dichloropropene	75		13.670				ND	
59 4-Methyl-2-pentanone (MIBK)	43		13.991				ND	
60 Toluene	92	14.371	14.371	0.000	90	939	0.0315	M
65 trans-1,3-Dichloropropene	75		14.820				ND	
66 1,1,2-Trichloroethane	83		15.222				ND	
67 Tetrachloroethene	166	15.441	15.435	0.005	17	829	0.0227	
68 2-Hexanone	43		15.698				ND	
69 Chlorodibromomethane	129		16.008				ND	
70 Ethylene Dibromide	107		16.254				ND	
* 71 Chlorobenzene-d5	117	17.239	17.233	0.006	85	632152	10.0	
72 Chlorobenzene	112		17.297				ND	
73 Ethylbenzene	91	17.517	17.506	0.011	92	3206	0.0471	
74 m-Xylene & p-Xylene	106		17.789				ND	
76 o-Xylene	106	18.613	18.602	0.016	91	1014	0.0391	
77 Styrene	104		18.640				ND	
78 Bromoform	173		19.004				ND	
79 Isopropylbenzene	105		19.362				ND	
S 82 Xylenes, Total	106				0		0.0391	
80 1,1,2,2-Tetrachloroethane	83		19.913				ND	7
83 N-Propylbenzene	91		20.127				ND	
84 2-Chlorotoluene	91		20.277				ND	
85 4-Ethyltoluene	105		20.341				ND	7
86 1,3,5-Trimethylbenzene	105		20.443				ND	7
89 tert-Butylbenzene	119		20.946				ND	7
90 1,2,4-Trimethylbenzene	105		21.037				ND	7
91 sec-Butylbenzene	105		21.283				ND	7
92 1,3-Dichlorobenzene	146		21.454				ND	MU
93 4-Isopropyltoluene	119		21.507				ND	7
94 1,4-Dichlorobenzene	146		21.598				ND	MU
95 Benzyl chloride	91		21.748				ND	7
97 n-Butylbenzene	91		22.075				ND	7
96 1,2-Dichlorobenzene	146		22.096				ND	7
100 1,2,4-Trichlorobenzene	180		24.551				ND	MU
101 Hexachlorobutadiene	225		24.808				ND	
102 Naphthalene	128		25.028				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019 Amount Added: 20.00 Units: mL Run Reagent

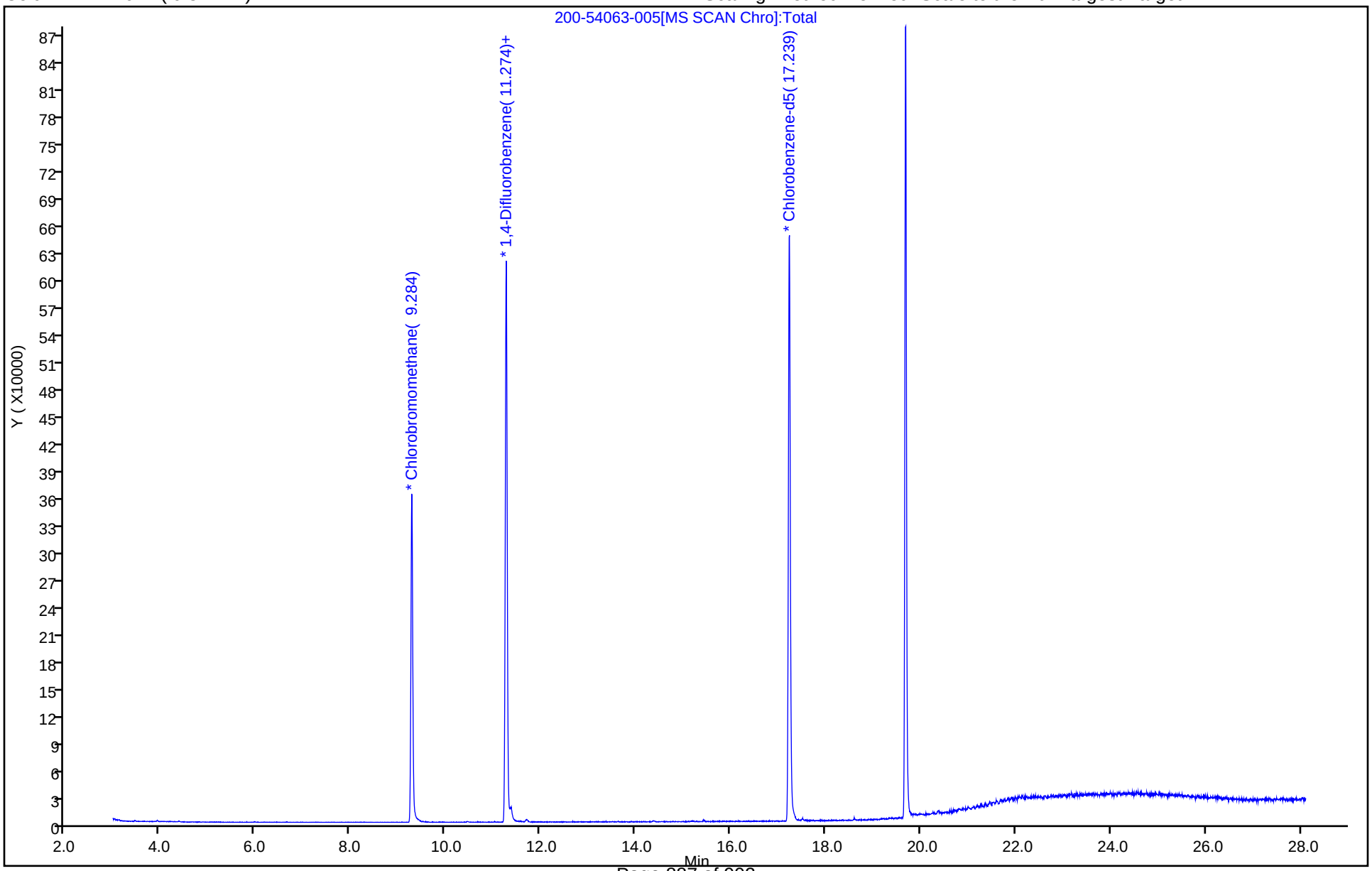
Report Date: 23-Jan-2023 08:25:59 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D

Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i	Operator ID:	vtp
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1	Worklist Smp#:	5
Client ID:	5055				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

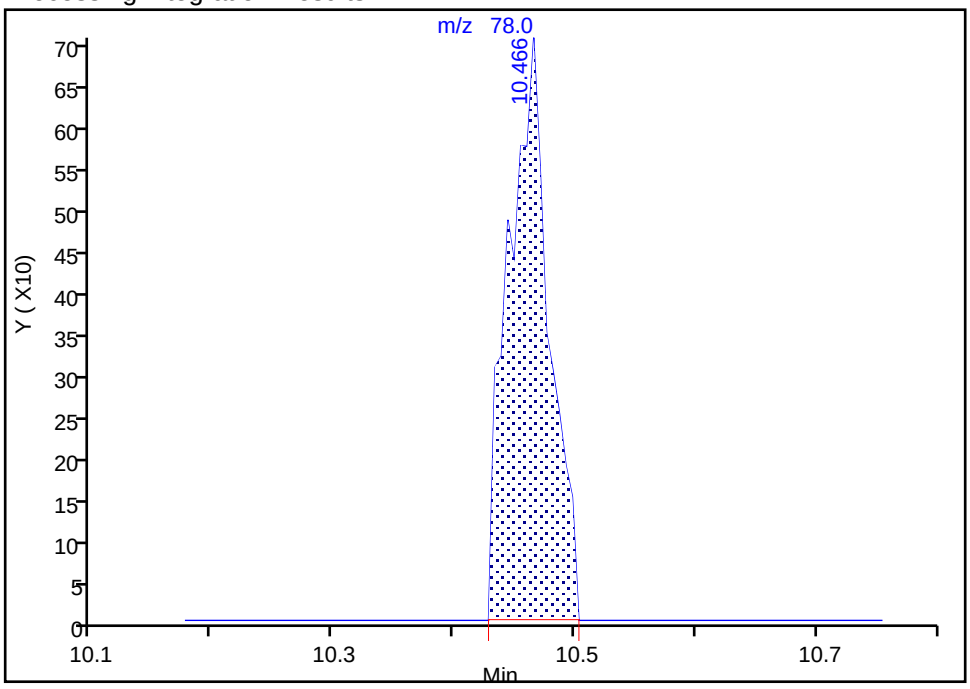
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D				
Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i		
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1		
Client ID:	5055				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Benzene, CAS: 71-43-2

Signal: 1

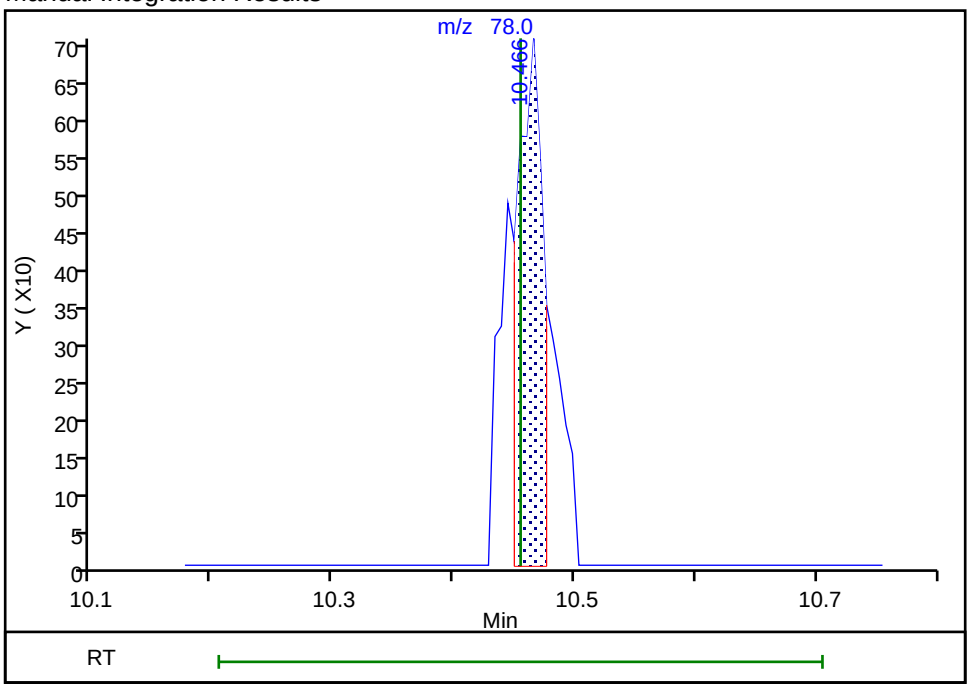
Processing Integration Results

RT: 10.47
Area: 1668
Amount: 0.039353
Amount Units: ppb v/v



Manual Integration Results

RT: 10.47
Area: 1025
Amount: 0.024183
Amount Units: ppb v/v



Reviewer: bunmaa, 23-Jan-2023 08:24:01

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

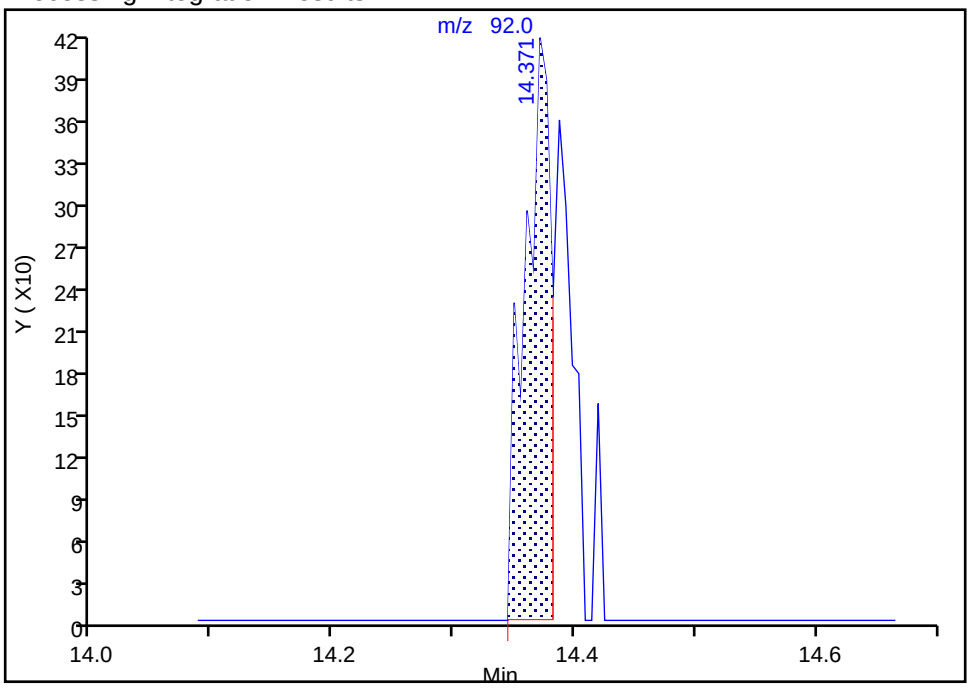
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D				
Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i		
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1		
Client ID:	5055				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

60 Toluene, CAS: 108-88-3

Signal: 1

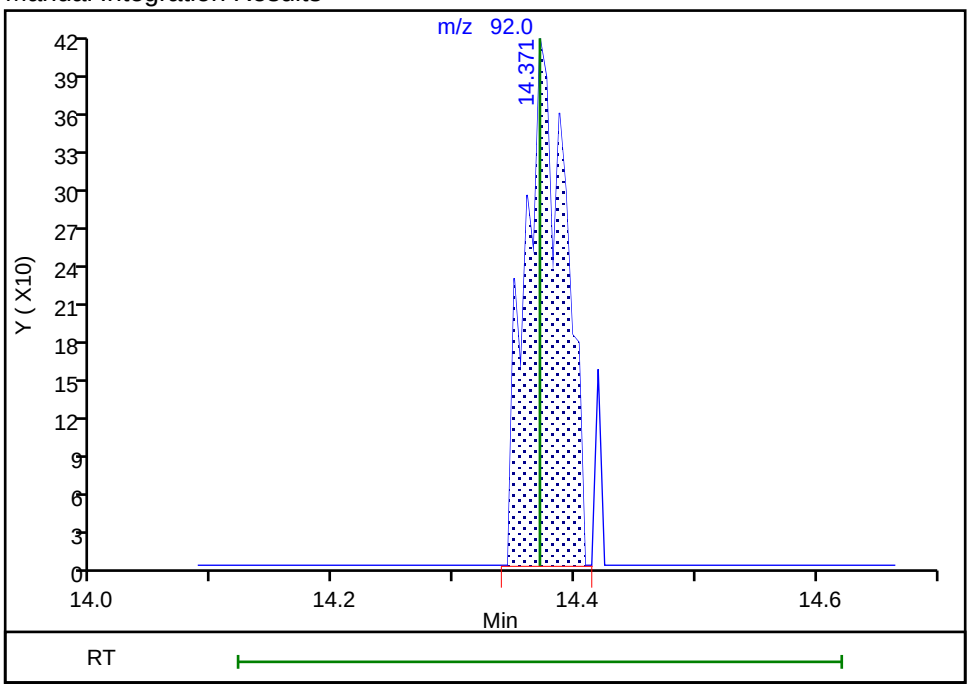
Processing Integration Results

RT: 14.37
Area: 619
Amount: 0.020741
Amount Units: ppb v/v



Manual Integration Results

RT: 14.37
Area: 939
Amount: 0.031464
Amount Units: ppb v/v



Reviewer: bunmaa, 23-Jan-2023 08:24:37

Audit Action: Manually Integrated Audit Reason: Assign Peak

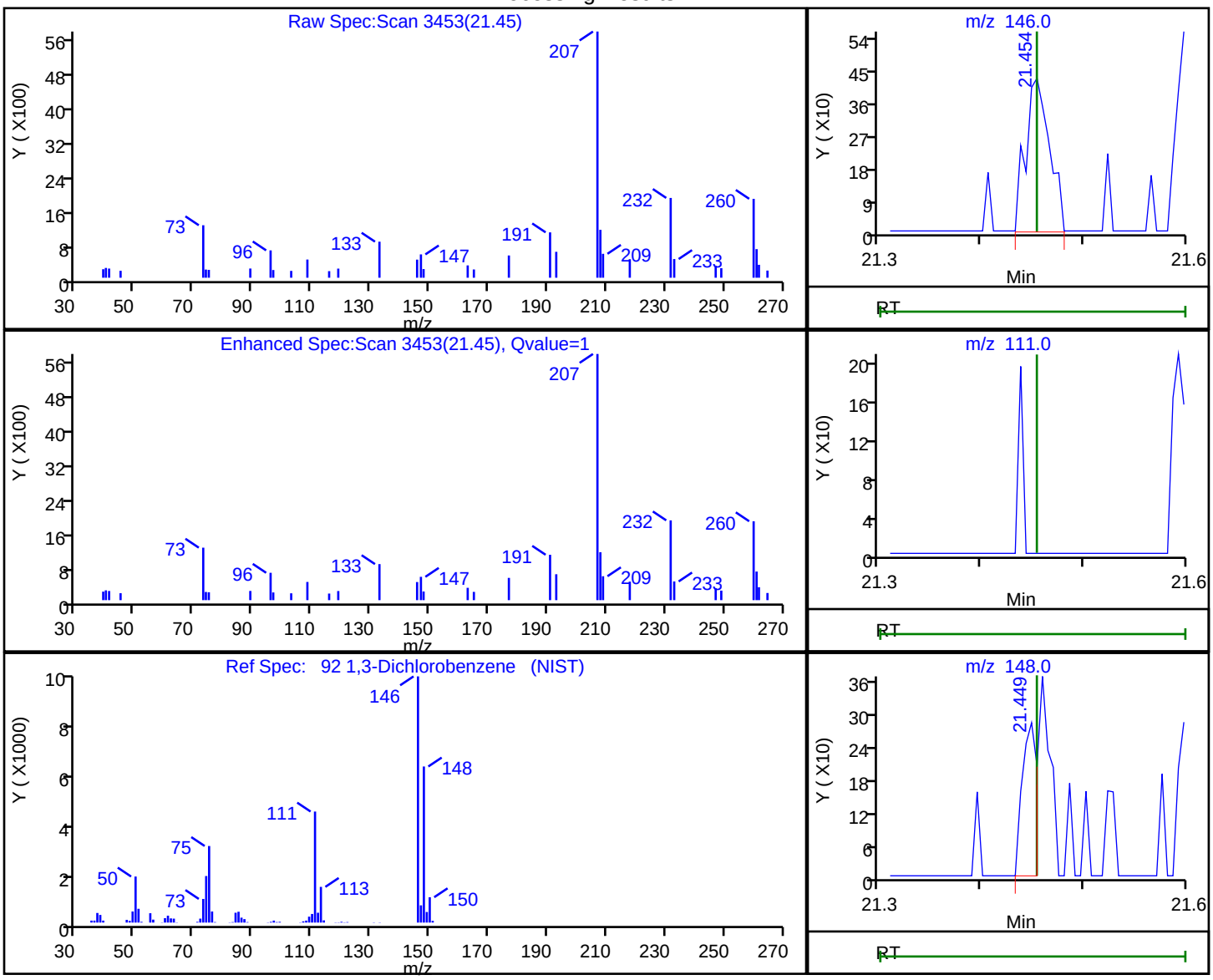
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D				
Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i		
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1		
Client ID:	5055				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.45	146.00	690	0.014222
21.45	111.00	0	
21.45	148.00	283	

Reviewer: bunmaa, 23-Jan-2023 08:25:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

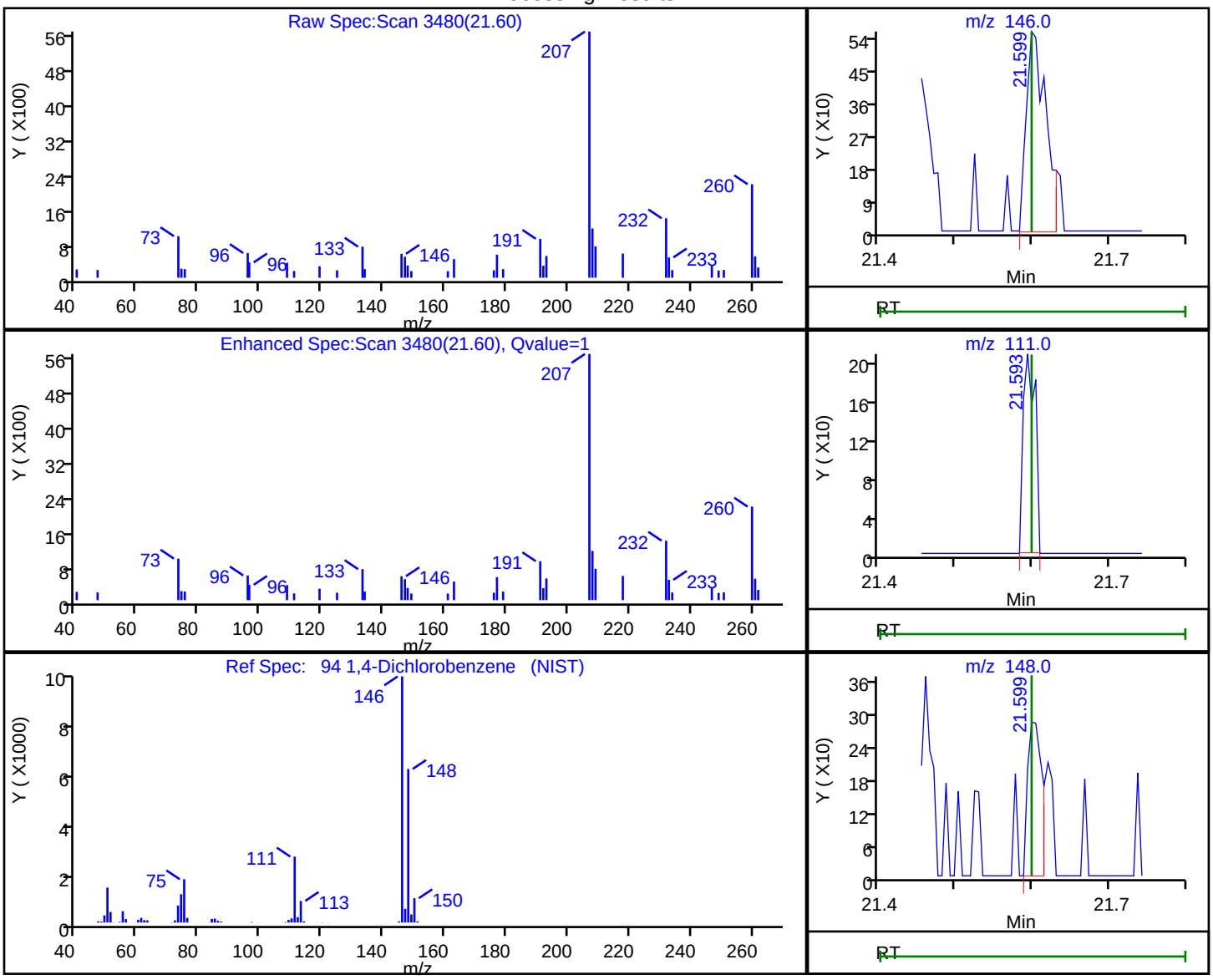
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D				
Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i		
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1		
Client ID:	5055				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.60	146.00	990	0.020225
21.59	111.00	228	
21.60	148.00	367	

Reviewer: bunmaa, 23-Jan-2023 08:25:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

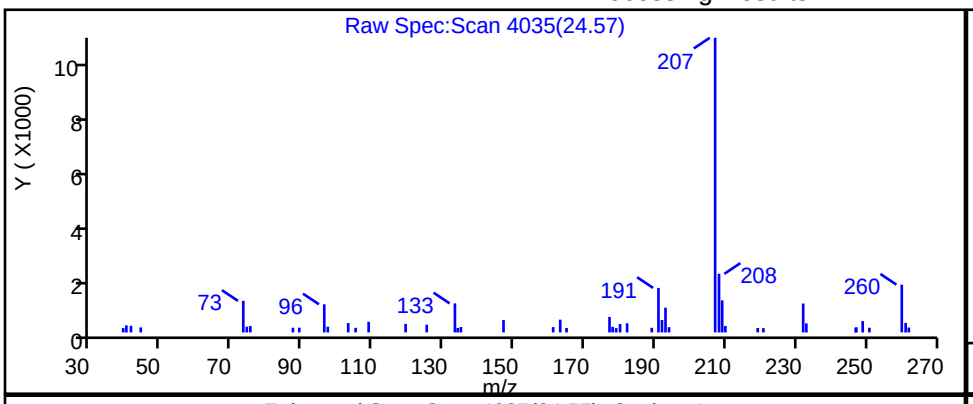
User Disabled Compound Report

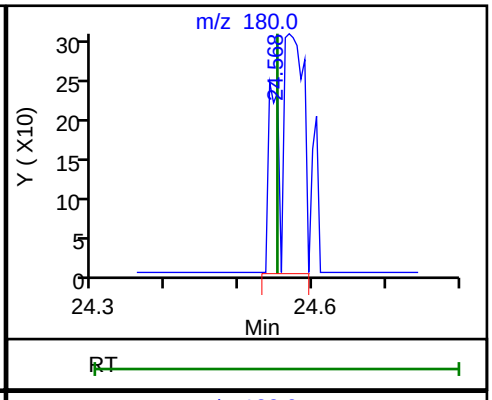
Eurofins Burlington

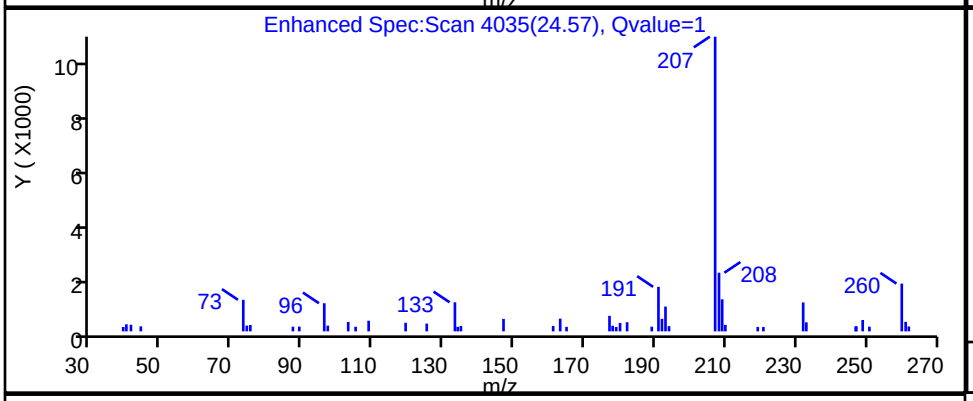
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230120-54063.b\200-54063-005.D				
Injection Date:	20-Jan-2023 12:41:30	Instrument ID:	CHG.i		
Lims ID:	200-66495-A-1	Lab Sample ID:	200-66495-1		
Client ID:	5055				
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

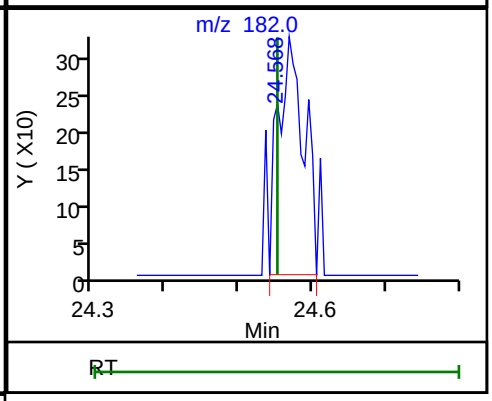
100 1,2,4-Trichlorobenzene, CAS: 120-82-1

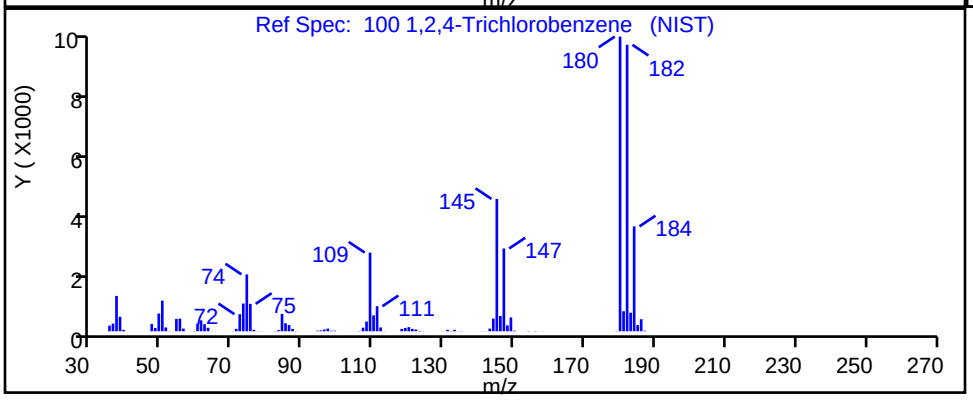
Processing Results











RT	Mass	Response	Amount
24.57	180.00	769	0.018780
24.57	182.00	807	

Reviewer: bunmaa, 23-Jan-2023 08:25:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Shipping and Receiving Documents

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

200-66741 Chain of Custody

ng

America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Karen Bourque	**Samples Collected By:** James A Fetterman
Company Name: Klienfelder	**Phone:** ~~860-769-3445~~ 845-231-2623	COC No: 1 of 3 COCs
Address: 300 Westage Business Center Dr Suite 210	**Email:** KBourque@Klienfelder.com	TALS Project #:
City/State/Zip: Fishkill, NY 12524		**For Lab Use Only:**
Phone: 845-231-~~2519~~ 2500	**Site Contact:** James A Fetterman	Walk-in Client:
FAX:	**Tel/Fax** 408-438-2383	Lab Sampling:
Project Name: CHGE - LBR	**Analysis Turnaround Time**	
Site/Location: 610 Little Britain Rd, New Windsor NY	Standard (Specific):	Job / SDG No:
P O # 2022 4058.001A, 02-0000	Rush (Specifiy):	(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
EW-1	1-28-23	954	1-28-23	1843	-30	-8	4937	2908	X									X					
~~EW~~ IA-1	1-28-23	952	1-28-23	1712	-27	-5	3575	5700	X								X						
EW-2		421		1837	-30	-15	4993	6262	X									X					
IA-2		1000		1836	-27	-5	3857	5152	X								X						
EW-3		900		1219	-22	-22	3062	3346	X									X					
IA-3		905		1803	-30	-5	3114	4285	X								X						
EW-4		849		1813	-28	-4	3121	34000463	X									X					
IA-4		853		1814	-28	-2	4748	5416	X								X						
EW-5		840		1836	-28	-19	3943	5670	X									X					
IA-5	↓	841	↓	1739	-30	-5	5244	4280	X								X						

Temperature (Fahrenheit)			
Start	Interior 66	Ambient 43	
Stop	66	41	

Pressure (inches of Hg)			
Start	Interior 30.2	Ambient 30.2	
Stop	30.26	30.26	

Special Instructions/QC Requirements & Comments:

Samples Shipped by: James A Fetterman	**Date / Time:** 1/31/23 1015	**Samples Received by:**
Samples Relinquished by:	**Date / Time:**	**Received by:** ETA Burl 2/2/23 0930
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Page 84 of 90

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660 1990 fax 802 660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Karem Bourque	**Samples Collected By:** James A Fetterman
Company Name	**Phone:** 845-231-2523	COC No: 2 of 3 COCs
Address. 300 Westage Business Center Dr. Suite 210	**Email:** KBourque@kleinfelder.com	TALS Project #
City/State/Zip Fishkill NY 12524		**For Lab Use Only:** Walk-in Client: / Lab Sampling:
Phone 845 231-2500	**Site Contact:** James A Fetterman	
FAX	**Tel/Fax** 408-438-2383	
Project Name. CH6E: LBR	**Analysis Turnaround Time**	Job / SDG No :
Site/Location 610 Little Britain Road, New Windsor	Standard (Specific):	(See below for Add'l Items)
P O # 3022405 8.001A, 02-0000	Rush (Specifiy).	

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard) / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
EW-5D	1-28-23	840	1-28-23	1837	-28	-8	3175	9227	X									X					
IA-5D		841		1708	-29	-5	3048	5604	X								X						
EW-6		933		1833	-26	-12	3954	5968	X									X					
IA-6		935		1800	-26	-4	5186	2674	X								X						
EW-7		949		1824	-30	-9	4046	2919	X									X					
IA-7		950		1822	-31	-5	4035	4324	X								X						
EW-8		945		1654	-25	-5	2768	2953	X									X					
IA-8		936		1821	-30	-6	7662	5479	X								X						
IA-9		926		1639	-27	-4	4523	4272	X								X						
IA-10		907		1759	-30	-5	3443	4270	X								X						

Temperature (Fahrenheit)			
Start	Interior 66	Ambient 43	
Stop	66	41	

Pressure (inches of Hg)			
Start	Interior 30.2	Ambient 30.2	
Stop	30.26	30.2	

Special Instructions/QC Requirements & Comments:

Samples Shipped by: James A Fetterman	**Date / Time:** 1/31/23 1015	**Samples Received by:**	
Samples Relinquished by:	**Date / Time:**	**Received by:** ETA Burl 2/2/23 0930	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802 660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	Client Project Manager: Karen Bourque	Samples Collected By: James A Fetterman	COC No: 3 of 3 COCs
Company Name: Cleinfelder	Phone: 845-231-2523		
Address: 300 Westage Business Center Dr Ste 210	Email: KBourque@cleinfelder.com		TALS Project #:
City/State/Zip: Fishkill NY 12524			For Lab Use Only:
Phone: 845-231-2500	Site Contact: James A Fetterman		Walk-in Client:
FAX	Tel/Fax: 908-435-2383		Lab Sampling
Project Name: CHGE: LBR	Analysis Turnaround Time		
Site/Location: 610 Little Britain Rd New Windsor NY	Standard (Specific):		Job / SDG No.
P O # 20224068.001A, 02-0000	Rush (Specifiy)		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 Standard / Low Level	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
OA-1	1-28-23	900	1-28-23	1651	-29	-5.5	3786	5701	X								X						
OA-2		850		1732	-30	-5	8805	5083	X								X						
~~OA-3~~ OA-2D		850		1315	-29	-4	4501	5045	X								X						
OA-2DB		1316		1732	-30	-21	2773	4432	X								X						
OA-3		855		1629	-25	-3	6012	3197	X								X						
B-1		927		1724	-30	-16	4743	340w790	X													X	SSDS Effluent
B-2		926		1726	-35	-16.5	4031	5455	X													X	SSDS Effluent
B-3		924		1727	-30	-12	3105	5439	X													X	SSDS Effluent
B-3D		924		1728	-30	~~-20~~ -19	8920	5964	X													X	SSDS Effluent
EW-3B	↓	1221	↓	1840	-30	-22	3936	6031	X									X					

Temperature (Fahrenheit)			
Start	Interior 66	Ambient 43	
Stop	66	41	

Pressure (inches of Hg)			
Start	Interior 30.2	Ambient 30.2	
Stop	30.26	30.26	

Special Instructions/QC Requirements & Comments:

Samples Shipped by: James A Fetterman	Date / Time: 1/31/23 1015	Samples Received by:
Samples Relinquished by:	Date / Time:	Received by: ETA Burl 2/2/23 0930
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Page 006 of 002

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990 REF AIR SAMPLES FROM KLEINFELDER
INV
PO DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uv

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

1 of 9
TRK# 0201 7711 8242 8259
MASTER

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990 REF AIR SAMPLES FROM KLEINFELDER
INV
PO DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uv

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

2 of 9
MPS# 0263 7711 8242 7631
Mstr# 7711 8242 8259
0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uv

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

3 of 9

MPS# 0263 7711 8242 9299
Mstr# 7711 8242 8259

0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uv

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

4 of 9

MPS# 0263 7711 8242 7870
Mstr# 7711 8242 8259

0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uu

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

5 of 9
MPS# 7711 8242 7973
Mstr# 7711 8242 8259

0263
0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

J231023011101uu

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

6 of 9
MPS# 7711 8242 8281
Mstr# 7711 8242 8259

0263
0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

J23102301101uw

7 of 9
MPS# 0263 7711 8242 8888
Mstr# 7711 8242 8259

THU - 02 FEB 10:30A
PRIORITY OVERNIGHT

0201

XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

ORIGIN ID:NCOA (413) 789-9018
SAMPLE RECEIVING
EUROFINS ENVIRONMENTAL TESTING NE
646 CAMP AVENUE

NORTH KINGSTOWN, RI 02852
UNITED STATES US

SHIP DATE: 01FEB23
ACTWGT: 32.25 LB
CAD: 108821262/INET4580

BILL RECIPIENT

TO SAMPLE RECEIVING
TEST AMERICA - BURLINGTON, VT
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF AIR SAMPLES FROM KLEINFELDER
DEPT

581J1/BB02/FE2D

FedEx Express

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8 of 9
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Mstr# 7711 8242 8259

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PRIORITY OVERNIGHT

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XE BTVA

05403
VT-US BTV

FedEx Ship Manager - Print Your Label(s)

2/1/23, 8:58 AM

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 200-66741-1
SDG Number: 200-66741-1

Login Number: 66741
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

APPENDIX D

NYSDOH Decision Matrices

Soil Vapor / Indoor Air Matrix A
May 2017

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX A

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor / Indoor Air Matrix B
May 2017

Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX B

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 1 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:
Vinyl Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

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Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX C

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.