INVENTUM ENGINEERING, PC

August 6, 2024

Megan Kuczka
Project Manager
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, NY 14209.

Re: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: 275 Franklin Street
Site No.: C915231
Site Address: 275 Franklin Street
Buffalo, New York 14210

Dear Ms. Kuczka:

On behalf of Buffalo Development Corporation, LLC (BDC), Inventum Engineering is submitting this revised periodic review report (PRR) for 275 Franklin Street Site (referred hereafter as the Site).

This report documents the implementation of, and compliance with, site-specific SM requirements for the reporting period of April 27, 2023 to April 27, 2024.

The revised report incorporates comments on the PRR received from the New York State Department of Environmental Conservation (NYSDEC) in an e-mail dated July 24, 2024. The NYSDEC's questions and comments are reproduced in the bullets below followed by Inventum's response in *italics.*

- Section 5.0
  - On-Site Groundwater Quality – PCE top range was 1,900 ppb
  - Off-Site Groundwater Quality – MW-24D's total VOCs in April 2024 is 274 ppb

  The PRR has been revised in accordance with the comment.

- Table 2
  - Remove MW-21S and MW-22S
  - Add back in MW-25S, MW-26S, and MW-27S

  The Table has been revised in accordance with the comment.

- Table 3
  - PZ-13's total VOC is 171 ug/L in April 2024
  - MW-25S's total VOC is 538 ug/L in November 2023
  - MW-27's total VOC is 7 ug/L in November 2023

  The Table has been revised in accordance with the comment.

- Table 4
  - PZ-13's total cVOC is 171 ug/L in April 2024
  - PZ-13's total cVOC is 235 in November 2023
  - MW-25S's total cVOC is 538 ug/L in November 2023
  - MW-27's total cVOC is 7 ug/L in November 2023
  - Update the text, trendlines, and figures from these revisions

  The Table has been revised in accordance with the comment.

- Figure 7 – PZ-14 total VOCs is incorrect
  The Figure has been ***revised in accordance with the comment.***

Please feel free to call with any questions or comments.

Respectfully submitted,
John P. Black, P.E.



President
Enclosures

PERIODIC REVIEW REPORT

275 Franklin Street Site (BCP Site No.C915208)

432 Pearl Street Site (BCP Site No. C915237)

Buffalo, New York

Prepared For:

Buffalo Development Corporation

Date: August 6, 2024

PERIODIC REVIEW REPORT
275 Franklin Street Site (BCP Site No. C915208)
432 Pearl Street Site (BCP Site No. C915237)

Table of Contents

1.0 INTRODUCTION 6
1.1 Site Background 6
1.2 Summary of Historical Investigation Findings 7
1.2.1 Preliminary Investigations 7
1.2.2 Remedial Investigation (RI) 7
1.3 Compliance 8
1.4 Recommendations 8
2.0 SITE OVERVIEW 10
2.1 Summary of Remedial Actions 10
2.1.1 Interim Remedial Measures (IRMs) 10
2.1.2 Final Remedial Actions 11
3.0 REMEDY PERFORMANCE 13
4.0 SITE MANAGEMENT PLAN 14
4.1 Institutional and Engineering Control (IC/EC) Plan 14
4.1.1 Institutional Controls 14
4.1.2 Engineering Controls 15
4.2 Excavation Work Plan 15
4.3 Reporting Period Site Work 16
4.4 Annual Inspection and Certification Program 16
4.5 Operation, Monitoring and Maintenance Plan 17
4.5.1 Sub-Slab Depressurization System 17
5.0 GROUNDWATER MONITORING 18
5.1 Additional Remediation Assessment 19
5.2 Data Usability 20
6.0 CONCLUSIONS AND RECOMMENDATIONS 21
7.0 DECLARATION/LIMITATIONS 22
8.0 REFERENCES 23

Table of Contents

LIST OF FIGURES

Figure 1	Regional Map
Figure 2	Vicinity Map
Figure 3	Site Wide Cover System
Figure 4	ASD System Layout
Figure 5	Shallow Groundwater Isopotential Map (November 2023)
Figure 6	Shallow Groundwater Isopotential Map (April 2024)
Figure 7	Total VOCs Isoconcentration Map (November 2023)
Figure 8	Total VOCs Isoconcentration Map (April 2024)

LIST OF TABLES

Table 1	Summary of Monitoring Well and Piezometer Construction Details
Table 2	Summary of Groundwater Elevations (October 2008 – April 2024)
Table 3	Summary of Pre- and Post-Remedial Groundwater Analytical Results
Table 4	Summary of Post-Excavation Groundwater Analytical Results

APPENDICIES

Appendix A	Institutional & Engineering Controls Certification Forms
Appendix A1	*Site C915208*
Appendix A2	*Site C915237*
Appendix B	Photographic Log
Appendix C	ASD System Logs
Appendix D	Groundwater Analytical Data, Field Notes
Appendix E	Remaining Contamination Trend Charts
Appendix F	DUSRs

1.0 INTRODUCTION

Inventum Engineering, PC (Inventum) has prepared this Periodic Review Report (PRR) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site Nos. C915208 and C915237 located in the City of Buffalo, Erie County, New York. This PRR has been prepared for the subject BCP Sites in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 1). Appendix A includes the Institutional and Engineering Control (IC/EC) Certification Forms completed based on the Site inspection performed April 16, 2024.

This PRR and associated certifications have been completed on behalf of the BCP Site owner, Buffalo Development Corporation (BDC), to document post-remedial activities covered by the Site Management Plan (SMP; Ref. 2). The post-remedial period covered by this PRR is April 27, 2023 to April 27, 2024 for both the 275 Franklin Street Site and 432 Pearl Street Site.

1.1 Site Background

In October 2006, BDC entered into a Brownfield Cleanup Agreement (BCA) with NYSDEC to investigate and remediate 275-277 Franklin Street and 279 Franklin Street, an approximate 0.27-acre property located in Buffalo, New York. Later, 267 Franklin Street and 432 Pearl Street, approximately 0.7 acres combined, were incorporated into the "432 Pearl Street Site" under BCP Site Number C915237. Both properties are in the County of Erie, New York and encompasses tax parcel numbers 111.38-2-22, 111.38-2-23, 111.38-2-20.1, and 111.38-2-4.1 per Erie County Tax Map records. The Sites are bounded by a restaurant and surface parking lot to the north, Pearl Street to the east, a mixed-use building to the south, and Franklin Street to the west (see Figures 1 and 2).

The BCP Sites were remediated to NYSDEC Part 375 Track 4 restricted-residential soil cleanup objectives (RRSCOs). NYSDEC accepted the 2021/2022 PRR on July 13, 2022, but requested a Work Plan to address supplemental measures to treat Volatile Organic Compounds (VOCs) in groundwater. Since BDC was looking for development partners for the BCP Site, a call to discuss postponement of this submittal was requested. On August 3, 2022, BDC, Benchmark Civil/Environmental Engineering & Geology, PLL (Benchmark)[1], and NYSDEC discussed the potential development during a WebEx meeting in which BDC requested a one-year reprieve from submitting the Work Plan to address supplemental measures to treat VOCs in groundwater as the future development would likely involve significant excavation and potential removal of potentially contaminated soil/fill.

In a letter dated August 3, 2023, the NYSDEC required BDC to submit a work plan within 60-days.

[1] Inventum Engineering, PC became the Engineer of Record for BCP activities in April 2024.

Subsequent discussions between BDC, Benchmark (Benchmark)[2], and NYSDEC further extended submittal of the work plan. Benchmark provided tabulated historic groundwater concentration data to the NYSDEC in an e-mail dated February 9, 2024, and after review, the NYSDEC required submittal of a corrective measures work plan to address supplemental measures to treat VOCs in groundwater. Inventum submitted the requested Corrective Measures Investigation Work Plan (CMIWP) on May 14, 2024 (Ref.9).

1.2 Summary of Historical Investigation Findings

1.2.1 Preliminary Investigations

In September 2004, a Limited Environmental Investigation was performed at 275-277 Franklin Street by Nature's Way Environmental Consultants & Contractors, Inc. The results of that investigation indicated that the 275 Franklin Street Site soils and groundwater were impacted by tetrachloroethene (PCE), a chlorinated volatile organic compound (cVOC) typically associated with dry cleaning operations.

In March-June 2006, Benchmark performed a Preliminary Site Investigation at the BCP Sites. The Preliminary Site Investigation was performed to assess soil/fill materials and soil vapor on-site, and to ascertain if subsurface environmental conditions on these parcels were likely to impact redevelopment of the BCP Sites. The results of the investigation indicated that the 275 Franklin Street Site soils had been impacted by semi-volatile organic compounds (SVOCs), mercury, and lead. In addition, soil vapor samples collected from both BCP Sites contained elevated concentrations of VOCs. Field screening of soil samples using a photoionization detector (PID) did not indicate VOC concentrations above background concentrations.

1.2.2 Remedial Investigation (RI)

RI activities were completed in November 2006, December 2006, and January 2007 for both BCP Sites. The following analytical results were obtained during the RI:

Soil/Fill

- Concentrations of pesticides, PCBs, and metals in subsurface soil were below Part 375 RRSCOs on the 275 Franklin Street Site.
- Concentrations of PCE were detected above RRSCOs on the 275 Franklin Street Site with the highest concentration (2,200 milligram per kilogram [mg/kg]) in the 8- to 10-foot interval in boring MW-6 during the April 2008 sampling event.
- Concentrations of VOCs, pesticides, and PCBs in subsurface soil were below Part 375 RRSCOs on the 432 Pearl Street Site.
- Concentrations of lead and mercury were detected slightly above their respective RRSCOs at one sample location on the 432 Pearl Street Site.

[2] Roux Inc. merged with Benchmark in July 2023. The report references Benchmark for historical consistency.

- Polycyclic aromatic hydrocarbons (PAHs), including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)pyrene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in subsurface soil above RRSCOs at one or two sample locations on the 432 Pearl Street Site.
- Soil samples collected by the NYSDEC and analyzed for VOCs during their 2009 Off-Site Investigation did not contain VOCs above Part 375 Unrestricted SCOs (USCOs).

Groundwater

- Total inorganic compound (arsenic, chromium, copper, iron, lead, manganese, and/or sodium) concentrations exceeded NYSDEC Class GA groundwater quality standards/guidance values (GWQS/GVs) at sample locations PZ-5, PZ-6, MW-1, and/or MW-2. These compounds either slightly exceeded their respective GWQS/ GVs and/or are naturally occurring minerals.
- PAHs were detected only in MW-2 (and/or its blind duplicate) at estimated concentrations that exceeded their respective Class GA GWQSs/GVs.
- VOCs are the primary contaminants of concern in shallow groundwater with PCE and/or its chemical breakdown products, trichloroethene (TCE) and cis-1,2-dichloroethene (DCE), detected above GWQS/GVs on both BCP Sites and off- site.
- The highest VOCs concentrations were generally observed in the shallow groundwater near the former drycleaner on 275 Franklin Street Site and immediately downgradient on the 267 Franklin Street parcel, which is on the 432 Pearl Street Site.
- Deep groundwater across both BCP Sites contains low (residual) concentrations of VOCs.

Soil Vapor Intrusion

- Soil vapor concentrations at the 432 Pearl Street Site ranged from non-detect to 140 micrograms per cubic meter (ug/m^3) (PCE). Soil vapor results from the 275 Franklin Street Site reported PCE (14,000 ug/m^3), TCE (70 ug/m^3), and 1,1,1-trichloroethane (71 ug/m^3) concentrations among other constituents.
- Soil vapor samples collected from the 267 Franklin Street apartment building (part of the 432 Pearl Street Site) by NYSDEC exceeded NYSDOH air matrix criteria, indicating the need for on-site sub-slab soil vapor mitigation to minimize current exposure.
- Soil vapor samples collected from 265 Franklin Street (off-site) did not exceed the NYSDOH air matrix criteria.

1.3 Compliance

At the time of the annual Site inspection (4/16/2024), the Site was fully compliant with the NYSDEC-approved SMP (Ref. 2).

1.4 Recommendations

Based on observations recorded during the Site inspection and IC/EC certification, no modifications are

recommended for these Sites. It is appropriate to continue site management.

Inventum submitted a CMIWP in May 2024 to evaluate supplemental remedial actions to further reduce residual concentrations of VOC in groundwater on the Sites.

2.0 SITE OVERVIEW

All remediated parcels included in the 275 Franklin Street Site and 432 Pearl Street Site are subject to a comprehensive, site wide SMP that identifies requirements for monitoring and maintenance of IC/ECs and procedures for post-remedial excavation and related activities. Final remedial activities undertaken at both Sites are described below.

2.1 Summary of Remedial Actions

Benchmark Civil/Environmental Engineering & Geology, PLLC in association with TurnKey Environmental Restoration, LLC (Benchmark-TurnKey) was retained by BDC to serve as the design-builder and Engineer of Record for the BCP activities with oversight provided by the NYSDEC.

2.1.1 Interim Remedial Measures (IRMs)

On July 1, 2008, the NYSDEC approved the IRM Work Plan (Ref. 3) prepared by Benchmark to identify the scope of the planned remedial measures for the 275 Franklin Street Site. Remedial measures were implemented from summer 2008 through fall 2009. The NYSDEC Division of Environmental Remediation monitored the remedial actions to verify the work was performed in accordance with the BCA, the approved IRM Work Plan, and DER-10 (Ref. 1). IRMs were implemented on behalf of BDC to promptly address on-site soil and groundwater on the 275 Franklin Street Site impacted by VOCs to immediately mitigate public health and environmental concerns.

Soil Vapor Extraction System

A soil vapor extraction (SVE) system was installed on the 275 Franklin Street Site and operated continuously from December 8, 2008 until February 2009 when it was temporarily shut-down due to winter weather. The system was restarted on March 11, 2009 and ran continuously through September 2009. Post-IRM soil samples collected on September 17, 2009 were compared to pre-IRM data from April 2008 and Part 375 RRSCOs. The February 2009 data show significant reductions of VOCs in unsaturated soils to well below RRSCOs and below unrestricted SCOs (USCOs). Toxicity Characteristic Leaching Procedure (TCLP) analysis also verified that these remediated soils were not characteristically hazardous.

In-Situ Groundwater Treatment

In August 2008, in-situ enhanced bioremediation of VOCs in groundwater was performed via injection of hydrogen release compound (HRC) into 14 delivery points at 275- 277 Franklin and 21 delivery points at 279 Franklin. Following HRC injection, a groundwater sampling program, consisting of eight monitoring events conducted between October 2008 and June 2012, was implemented to evaluate the effectiveness of the in-situ groundwater treatment program. The data generally showed lower trending residual concentrations of total VOCs in monitoring wells on both BCP Sites except for shallow well MW-5 (located on the 275 Franklin Street Site), which contained relatively high residual VOC concentrations.

Active Sub-Slab Depressurization System

Although not part of the IRM Work Plan, the NYSDEC installed an active sub-slab depressurization (ASD) system within the 267 Franklin Street apartment building (on the 432 Pearl Street Site) prior to BDC's ownership of that parcel. Malcolm Pirnie, Inc. performed initial communication testing of the sub-slab to evaluate the number of extraction points and type of exhaust fans required to optimize the system's performance under the specific Site conditions. The communication testing and system installation is detailed in the Immediate Investigation Work Assignment Summary Report, 275 Franklin Street Site, Buffalo, NY prepared by Malcolm Pirnie, Inc. in December 2009 for the NYSDEC (Ref. 4). Two separate ASD systems (one on the south side and one on the north side) were designed and installed by Mitigation Tech under contract to Malcolm Pirnie, Inc.:

- Each system is made up of a network of 3-inch and 4-inch diameter PVC piping that provides multiple suction points below the concrete basement floor. The systems provide continuous vacuum in the sub-slab through operation of in-line fans mounted at the end of the system above the roof line.
- System 1 has five suction points and two RadonAway RP-265 series centrifugal in- line fans. System 2 has three suction points and one RadonAway GP-501 series centrifugal in-line fan. U-tube monometers for each system are installed on vertical risers to provide evidence and measurement of system vacuum. Figure 4 shows the layout of the ASD system.
- Malcolm Pirnie performed pre-ASD system installation air sampling events in May and October 2008, and the system began operation in December 2008. Post-ASD system activation air sampling events were performed in February and September 2009. Following installation of the vapor mitigation system, measured concentrations of TCE and PCE were significantly reduced. Where detected in the September 2009 indoor air samples, TCE and PCE concentrations were well below the recommended DOH action levels.

The ASD is maintained and monitored in accordance with the NYSDEC-approved SMP. In the summer 2015, BDC replaced (in kind) the RadonAway GP-501 Series centrifugal in-line fan.

2.1.2 Final Remedial Actions

In April 2010, BDC submitted a RI/AA/IRM Report (Ref. 5) to NYSDEC that summarized the RI, supplemental remedial activities, and the IRM completed in 2008-2009. NYSDEC provided a comment letter to that report in February 2011 that, amongst other items, required additional groundwater remedial measures beyond the proposed in-situ HRC injections in the vicinity of MW-5 "source area" on the 275 Franklin Street Site to mitigate off-site migration of VOCs.

The Revised RI/AA/IRM Report was submitted in January 2013. NYSDEC provided additional comments in July 2013 and prepared draft Proposed Decision Documents for each BCP Site. The final RI/AA/IRM Report was submitted to NYSDEC in July 2013 and approved September 30, 2013.

The following is a summary of the Remedial Actions performed at the BCP Sites:

1. Maintenance of the existing cover system to allow for continued commercial use of the Site.
2. Injection of a solution, zero valent iron (ZVI) and nutrients, into Site groundwater in April 2014 to enhance both abiotic and biological reductive processes.
3. Injection of a chemical oxidant into Site groundwater and saturated "smear zone" interval in March and April 2016 to destroy organic contaminants (Ref. 6).
4. Excavation of source area soil/fill in December 2016 with application of a chemical oxidant to excavation bottom to address residual impact prior to backfilling (Ref. 7). The area was backfilled with clean overburden soil followed by demarcation fabric then clean imported sand and stone. The asphalt cover system was reinstalled to match surrounding grade.
5. Execution of recording of an Environmental Easement to restrict groundwater and land use and prevent future exposure to any contamination remaining at the Site.
6. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

These additional final remedial actions were completed at the Site from April 2014 to December 2016; the asphalt repair was completed in September 2017. The remedial program was successful in achieving the remedial objectives for the Sites and are described in more detail in the NYSDEC-approved October 2017 Final Engineering Report (FER; Ref. 8). NYSDEC issued Certificates of Completion (COCs) for 275 Franklin Street Site on December 27, 2017 and 432 Pearl Street Site on December 28, 2017.

Data reported in previous PRRs indicate residual concentrations of VOCs in groundwater above Class GA GWQSs/GVs. In a letter dated August 3, 2023, the NYSDEC required BDC to develop a work plan detailing corrective measures to further treat VOCs in groundwater on the Site. A CMIWP was submitted to the NYSDEC in May 2024.

3.0 REMEDY PERFORMANCE

A post-remedial Site inspection involving a walk-over of both BCP Sites was performed on April 16, 2024 by Mr. Peter Zaffram of Inventum under the direction of a qualified environmental professional (QEP) to visually observe and document the use of the Site for restricted-residential use, confirm absence of Site groundwater use, inspect the integrity of the cover system, confirm ASD system operation, and verify conformance with other requirements under the SMP. The Site inspection confirmed that the controls are in-place and functioning as intended in accordance with the SMP.

Appendix A includes the completed IC/EC Certification forms. Appendix B includes photographs taken during the April 16, 2024 inspection.

4.0 SITE MANAGEMENT PLAN

A site wide SMP was prepared for the 275 Franklin Street and 432 Pearl Street Sites in July 2017 and approved by NYSDEC. Key components of the SMP are described below.

4.1 Institutional and Engineering Control (IC/EC) Plan

Since remaining contaminated soil/fill and groundwater exists beneath both 275 Franklin Street and 432 Pearl Street Sites, IC/ECs are required to protect public health and the environment. The IC/EC Plan describes the procedures for the implementation and management of all IC/ECs on the Sites.

4.1.1 Institutional Controls

The following institutional controls apply to both Sites:

- The property may only be used for restricted-residential or commercial use provided that the long-term IC/ECs included in the SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted and residential use, without additional remediation and amendment of the Environmental Easements, as approved by the NYSDEC.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- The use of groundwater underlying the property as a source of potable or process water is prohibited without necessary water quality treatment, as determined by the NYSDOH or County DOH, rendering it safe for intended use.
- The potential for vapor intrusion must be evaluated for any new buildings developed on the property, and any potential impacts that are identified must be monitored or mitigated.
- Compliance with the Operation & Maintenance Plan, included as Section 4 of the SMP (Ref. 2), for the maintenance and monitoring of the existing vapor intrusion ASD system within the 14-unit apartment building at 267 Franklin Street.
- Vegetable gardens and farming on the BCP Sites are prohibited.
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time to evaluate the continued maintenance of controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

4.1.2 Engineering Controls

Engineering controls include:

- Cover System (both Sites): The cover system, including building foundations, concrete sidewalks, concrete or asphalt driveways, parking areas, and landscaped vegetated areas, must be maintained in compliance with the SMP.
- In-Situ Plume Reduction: On the 275-277 Franklin Street property, PersulfOx was added to the base of the 2016 excavation to address residual groundwater contamination in-situ.
- Vapor Intrusion Mitigation: Requires placement of a vapor barrier beneath newly installed building concrete floor slabs for both Sites and continued operation of the ASD system installed within the 267 Franklin Street apartment building (on the 432 Pearl Street Site).

At the time of the Site inspection, the Sites covered by this PRR were fully compliant with all IC/EC requirements.

4.2 Excavation Work Plan

An Excavation Work Plan (EWP) was included in Appendix B of the approved SMP. The EWP provides guidelines for the management of soil/fill material during any future intrusive activities. Any intrusive work that will penetrate the cover system, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system, must be performed in compliance with the EWP and conducted in accordance with a site-specific Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) included with the SMP.

There were no intrusive activities requiring management of on-site soil or fill material, placement of backfill materials, or disturbance of the cover system during the monitoring period. No repairs to the cover system were required or made during the reporting period.

4.3 Reporting Period Site Work

There were no intrusive activities requiring management of on-site soil or fill material, placement of backfill materials, or disturbance of the cover system during the reporting period.

4.4 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines requirements for certifying and attesting that the IC/ECs employed on the Sites are unchanged from the original design and/or previous certification. The Annual Certification includes a Site inspection and completion of the NYSDEC's IC/EC Certification Form. The Site inspection is intended to verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Inspection of 275 Franklin Street Site and 432 Pearl Street Site was conducted by Mr. Peter Zaffram of Inventum on April 16, 2024. Mr. Zaffram under the direction of Mr. John Black who is a licensed and registered NY State Professional Engineer, which meets the requirements of a Qualified Environmental Professional (QEP). At the time of the inspection, no new redevelopment activities were noted on either the 275 Franklin Street or 432 Pearl Street Sites. There are currently no tenants living in the 267 Franklin Street apartment building. The asphalt cover present on both Sites was intact and functioning as intended. No observable indication of intrusive activities was noted during the Site inspection.

Appendix A includes the completed Site Management PRR Notice – Institutional and Engineering Controls Certification Forms. Appendix B includes a PRR photo log.

4.5 Operation, Monitoring and Maintenance Plan

The Operation, Monitoring and Maintenance (OM&M) Plan describes the measures necessary to operate, monitor, and maintain the mechanical components of the remedy selected for the Site and is more fully described in Section 4.0 of the SMP.

Information on non-mechanical Engineering Controls (i.e., cover system) is provided in Section 4.1 of this PRR.

4.5.1 Sub-Slab Depressurization System

The ASD system manometers and roof-top fans were inspected by Mr. Peter Zaffram of Inventum on April 16, 2024. The vacuum readings (in H_2O) from each systems' u-tube manometers at the time of the inspection were 1.5 inches of water column (w.c.) at ASD System #1 and 0.5 inches of w.c. at ASD System #2. Initial vacuum pressure at the time of installation was 2.25 w.c. for System #1 and 1 w.c. for System #2. Between 2019 and present, the measured vacuums have ranged from 1.3 to 1.5 w.c. for System #1 and 0.5 to 1.75 w.c. for System #2. At the time of the inspection, readings confirmed adequate depressurization and fans were operating as designed. Monthly ASD system readings recorded by the apartment building maintenance manager confirm both systems continue to operate as designed. Appendix C includes the ASD logs for Systems #1 and #2.

Figure 4 provides a layout of the system depicting the piping, fan locations, and extraction points. ASD system installation and manual information is included in Appendix H of the SMP (Ref. 2).

5.0 GROUNDWATER MONITORING

Groundwater monitoring events were completed in general accordance with the SMP. Sampling of piezometers PZ-4R, PZ-5, PZ-6, PZ-11, PZ-12, PZ-13, PZ-14, and monitoring wells MW-5R, MW-23S, MW-24S and MW-24D was completed on November 8, 2023 and April 16-17, 2024[3].

Post-remedial groundwater and performance monitoring consisted of collecting groundwater samples using low-flow sampling procedures per Appendix E of the SMP. Table 1 summarizes the monitoring well and piezometer construction details. Table 2 provides groundwater elevation data between October 2008 and April 2024. Figures 5 and 6 present the groundwater isopotential maps for the November 2023 and April 2024 sampling events. Groundwater flow is consistent with previous assessments, flowing southwest across the Sites. Figures 7 and 8 present the isoconcentration maps for total VOCs using the November 2023 and April 2024 groundwater data.

The NYSDEC did not collect water level measurements or groundwater samples from offsite monitoring wells MW-23D, MW-25S, MW-26S, and MW-27S in April 2024. The April 2024 groundwater isopotential (Figure 6) and isoconcentration (Figure 8) maps reflect historical trends for these offsite wells.

Groundwater samples from each of the sampled wells/piezometers were analyzed for Target Compound List (TCL) VOCs per USEPA Method 8260. Field parameters including pH, temperature, specific conductance, turbidity, dissolved oxygen, and oxidation-reduction potential were also collected. Groundwater samples were submitted under chain-of-custody command to Alpha Analytical, a NYSDOH ELAP laboratory, for analysis. Appendix D includes the laboratory analytical data packages and field notes. The November 2023 and April 2024 groundwater data were submitted to the NYSDEC EQuIS database on May 24, 2024.

Table 3 summarizes analytical data from recent as well as historic groundwater monitoring events with comparison to Class GA GWQS/GVs as listed in NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1). Table 4 summarizes VOC analytical data and GWQS exceedances at wells/piezometers following the excavation completed in 2016. BDC has performed 14 groundwater sampling events at four monitoring wells and seven piezometers since the 2016 remedial excavation. On-site and off- site groundwater quality results are discussed below.

On-Site Groundwater Quality:

[3] November 2023 sampling was conducted by Benchmark. April 2024 sampling was conducted by Inventum.

Results indicate an overall decreasing trend in VOC (specifically cis-1,2-DCE, PCE and TCE) concentrations at most of the monitoring locations. Monitoring MW-5R (former source area well) concentrations continue to show a 99% reduction in both total VOCs and PCE concentrations between the pre- and post-excavation sampling. The November 2023 and April 2024 sampling events are summarized below with a comparison to historic post-excavation sampling results (see Table 4):

- PCE was detected above its GWQS at all monitored locations with concentrations ranging between 100 and 1,900 ppb. An overall concentration decrease was observed at all on-site locations over the 14 post-excavation sampling events except for PZ-4R, PZ-13, and PZ-14.
- TCE was detected above its GWQS at PZ-4R, PZ-13, PZ-14, and MW-5R with concentrations ranging from 12 to 120 ppb.
- Cis-1,2-DCE was detected above the GWQS at PZ-4R, PZ- 13, PZ-14, and MW-5R with concentrations ranging from 11 to 650 ppb.
- Vinyl chloride (VC) was only detected in piezometers PZ-13 (7.6 ppb in November 2023 and 3.6 ppb in April 2024) and PZ-14 (8.2 ppb in November 2023 and 6.2 ppb in April 2024).

Off-Site Groundwater Quality:

Off-site monitoring wells including MW-23S, MW-24S, and MW-24D were sampled by Benchmark in November 2023 and by Inventum in April 2024. Offsite monitoring wells including MW-23D, MW-25S, MW-26S, and MW-27S were sampled by NYSDEC's subcontracted consultant GES in November 2023 but were not sampled in April 2024.

Total VOC concentrations in well MW-23S continue to fluctuate but remain below 1,000 ppb. The PCE concentration at well MW-24S rebounded to 4,200 ppb in April 2024. Total VOC concentrations in well MW-25S remained below 1,000 ppb during the November 2023 sampling event. Total VOC concentrations at well MW-26S were at the lowest post-excavation levels in April 2023 (348 ppb) but rebounded in November 2023 (666 ppb) at a concentration consistent with data since November 2020. In MW-27S, PCE was the only VOC observed exceeding its GWQS during the November 2023 event. Concentrations of PCE at MW-27S in November 2023 (5.1 ppb) were just above the GWQS of 5 ppb.

VOC concentrations in deep well MW-23D were well below GWQSs during the November 2023 sampling event. Total VOC concentrations in deep well MW-24D have decreased since the April 2021 event, with the lowest observed result since November 2018 of 181 ppb during the November 2023 event. There was a slight rebound in total VOC concentrations at MW-24D between the November 2023 (181 ppb) and April 2024 (274 ppb) sampling.

5.1 Additional Remediation Assessment

As requested by NYSDEC, total VOC results were graphed for wells that have historically observed VOC concentrations over 1 ppm. Appendix E include charts for on- site wells MW-5R, PZ-4R, PZ-11, and PZ-12 and off-site wells MW-24S, MW-25S, and MW- 26S. A reduction in total VOCs continues to be



observed at on-site wells MW-5R, PZ-11, and PZ-12 compared to pre-remediation activities. Post-excavation Total VOC concentrations at MW-5R show an overall decreasing trend and appears to be stabilizing to asymptotic level. Total VOC concentrations continue to fluctuate at piezometers PZ-4R and PZ-11. Total VOCs at piezometer PZ-4R measured 1,231 ppb, which is consistent with historical post-excavation concentrations. A general decreasing trend in contamination over time has been observed at all other on-site piezometers.

A steady decline in total VOC concentrations following excavation activities has been observed at MW-24S except for periods of rebound in April 2021, November 2022, and April 2024. Total VOC concentrations in well MW-25S have decreased significantly since February 2019 and remain below 1,000 ppb. Total VOCs at MW-26S have been below 1,000 ppb since November 2020.

5.2 Data Usability

Appendix F includes the Data Usability Summary Report (DUSR) completed by Data Validation Services (November 2023), Environmental Data Quality (December 2023), and Vali-Data of WNY, LLC (April 2024). Results for the samples are usable either as reported or with minor qualification as estimated due to failure for calibration standard responses to meet validation guidelines with the exception of 1,4-Dioxane in the November 2023 sampling of onsite wells. The results for 1,4-dioxane in the samples were reportedly rejected due to low response inherent in the methodology.

Tables 3 and 4 have been updated to reflect the final accepted data.

6.0 CONCLUSIONS AND RECOMMENDATIONS

At the time of the Site inspection:

- The cover system at 275 Franklin Street and 432 Pearl Street Sites complied with the SMP.
- The ASD systems within the apartment building at 275 Franklin Street have been monitored monthly and determined to be functioning properly.
- Most on-site groundwater monitoring locations indicate overall decreasing trends, affirming that remedial actions have been effective in removing source contamination; however, residual concentrations of chlorinated VOCs are still present at most monitoring locations above GWQS. Inventum submitted a CMIWP in May 2024 (Ref.9) to conduct additional investigations and evaluate supplemental remedial approaches to manage residual contamination on the Sties.
- Several VOC concentrations are above GWQSs at off-site downgradient wells MW-23S, MW-24S, MW-24D, MW-25S, MW-26S, and MW-27S during the November 2023 and April 2024 sampling events indicating continued historic plume migration traveling in the direction of groundwater flow.

Inventum will continue to complete semi-annual groundwater monitoring with the next sampling event to be performed in November 2024. No additional modifications are recommended for the 275 Franklin Street and 432 Pearl Street Sites monitoring program at this time.

7.0 DECLARATION/LIMITATIONS

Inventum personnel conducted the annual site inspection for BCP Site Nos. C915208 and C915237 in Buffalo, New York, according to generally accepted practices. This report complies with the scope of work provided to Buffalo Development Corporation by Inventum.

This PRR has been prepared for the exclusive use of Buffalo Development Corporation. The contents of this PRR are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of Buffalo Development Corporation. Use of or reliance upon this PRR or its findings by any other person or entity is prohibited without written permission of Inventum.

8.0 REFERENCES

1. New York State Department of Environmental Conservation. *DER-10/ Technical Guidance for Site Investigation and Remediation.* May 3, 2013.
2. Benchmark Environmental Engineering & Science, PLLC. *Site Management Plan, 275 Franklin Street Site, BCP Site No. C915208 and 432 Pearl Street Site, BCP Site No. C915237, Buffalo, New York.* July 2017
3. Benchmark Environmental Engineering & Science, PLLC. *Interim Remedial Measures Work Plan, 275 Franklin Street Site, Buffalo, NY.* June 2008
4. New York State Department of Environmental Conservation. *Immediate Investigation Work Assignment Summary Report, 275 Franklin Street Site, Buffalo, New York.* December 2009.
5. Benchmark Environmental Engineering & Science, PLLC and TurnKey Environmental Restoration, LLC. *Remedial Investigation/Alternatives Analysis/Interim Remedial Measures Report, 275 Franklin Street & 432 Pearl Street Sites, Buffalo, New York, BCP Site Nos. C915208 & C915237.* April 2010. Revised January and July 2013.
6. Benchmark Environmental Engineering & Science, PLLC. *Additional Remedial Measure Work Plan, 275 Franklin Street Site, Buffalo, New York, BCP Site No. C915208.* January 14, 2016.
7. Benchmark Environmental Engineering & Science, PLLC. *Remedial Action Work Plan – Revision 1, 275 Franklin Street Site, Buffalo, New York, BCP Site No. C915208.* November 22, 2016
8. Benchmark Environmental Engineering & Science, PLLC. *Final Engineering Report, 275 Franklin Street Site, BCP Site No. C915208 and 432 Pearl Street Site, BCP Site No. C915237, Buffalo, New York.* October 2017.
9. Inventum Engineering, PC. *Corrective Measures Investigation Work Plan*, 275 Franklin Street Site, BCP Site No. C915208 and 432 Pearl Street Site, BCP Site No. C915237. Buffalo, New York. May 2024.

Tables

Table 1
Summary of Monitoring Well/Piezometer Construction Details [1,2]
275 Franklin Street 432 Pearl Street Sites
BCP Site No. C915208 C915237
Buffalo, NY

Location [3]	Groundwater Unit	Installation Date	Well Diameter (inches)	Well Construction Material (screen/riser)	TOR Elevation (fmsl)	Ground Elevation (fmsl)	Stick-up (fbgs)	Construction Details (approx.)				Total Depth March 2010 (fbTOR)
								Bentonite Seal (fbgs)	Sand Pack Interval (fbgs)	Screened Interval (fbgs)	Sump Interval (fbgs)	
MONITORING WELLS:												
MW-5R	shallow	01/18/17	2.0	PVC / PVC	499.20	499.50	-0.30	1.00 - 6.79	6.79 - 18.79	8.79 - 18.79	none	18.79
PIEZOMETERS:												
PZ-4R	shallow	11/05/18	1.0	PVC / PVC	499.21	499.60	-0.39	1.00 - 2.79	2.79 - 14.79	4.79 14.79	none	14.79
PZ-5	shallow	11/14/06	1.0	PVC / PVC	498.44	498.92	-0.48	1.00 - 3.37	3.37 - 15.37	5.37 - 15.37	none	15.37
PZ-6	shallow	11/14/06	1.0	PVC / PVC	498.68	499.21	-0.53	1.00 - 3.42	3.42 - 15.42	5.42 - 15.42	none	15.42
PZ-11	shallow	12/27/06	1.0	PVC / PVC	497.79	498.18	-0.39	1.00 - 3.37	3.37 - 15.37	5.37 - 15.37	none	15.37
PZ-12	shallow	12/27/06	1.0	PVC / PVC	497.60	498.14	-0.54	1.00 - 3.37	3.37 - 15.37	5.37 - 15.37	none	15.37
PZ-13	shallow	12/27/06	1.0	PVC / PVC	497.88	498.47	-0.59	1.00 - 2.87	2.87 - 14.87	4.87 - 14.87	none	14.87
PZ-14	shallow	12/27/06	1.0	PVC / PVC	497.56	498.26	-0.70	1.00 - 2.72	2.72 - 14.72	4.72 - 14.72	none	14.72
OFF-SITE MONITORING WELLS (INSTALLED BY NYSDEC):												
MW-23S	shallow	05/19/09	2.0	PVC / PVC	496.91	497.46	-0.55	4.56 - 6.56	6.56 - 18.56	8.56 - 18.56	none	18.56
MW-23D	deep	05/19/09	2.0	PVC / PVC	497.18	497.52	-0.34	34.30 - 36.30	36.30 - 48.30	38.30 - 48.30	none	48.30
MW-24S	shallow	05/21/09	2.0	PVC / PVC	497.32	497.91	-0.59	4.63 - 6.63	6.63 - 18.63	8.63 - 18.63	none	18.63
MW-24D	deep	05/20/09	2.0	PVC / PVC	497.63	497.94	-0.31	33.53 - 35.53	35.53 - 47.53	37.53 - 47.53	none	47.53
MW-25S	shallow	09/27/12	2.0	PVC / PVC	496.21	496.46	-0.25	5.60 - 7.60	7.60 - 19.10	9.10 - 19.10	none	19.10
MW-26S	shallow	09/26/12	2.0	PVC / PVC	496.02	496.39	-0.37	4.80 - 6.80	6.80 - 18.80	8.80 - 18.80	none	18.80
MW-27S	shallow	09/27/12	2.0	PVC / PVC	496.24	497.10	-0.86	5.10 - 7.10	7.10 - 19.10	9.10 - 19.10	none	19.10

Notes:
1. Top of riser elevation based upon an assumed datum of 500.00 fmsl.
2. TOR = top of riser.
3. fmsl = feet above mean sea level.
4. fbgs = feet below ground surface.
5. MW-5 removed 12/1/16 during source area excavation and replaced 1/18/17 (MW-5R).
6. PZ-11, PZ-12, and PZ-13 were cut down to sit flush with ground surface on 4/21/17. TOR Elevation was recalculated and used in calculating water elevations for sampling on 4/24/17.
7. PZ-4 removed 11/5/2018 and replaced by PZ-4R on 11/5/2018. The piezometer TOR was measured on 11/12/2018.
8. PZ-5, PZ-6, and PZ-14 were cut down to sit flush with ground surface on 11/5/18. TOR Elevation was recalculated and used in calculating water elevations for sampling on 11/12/18.

Table 2
Groundwater Elevation Data Summary
275 Franklin Street 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location	TOR Elevation (fmsl)	Post Excavation		1st Semi-Annual		2nd Semi-Annual		3rd Semi-Annual		4th Semi-Annual		5th Semi-Annual		6th Semi-Annual		7th Semi-Annual		8th Semi-Annual		9th Semi-Annual		10th Semi-Annual		11th Semi-Annual		12th Semi-Annual	
		01/23/17		11/12/18		04/05/19		11/20/19		04/01/20		11/13/20		04/01/21		11/02/21		04/05/22		11/10/22		04/04/23		11/08/23		04/16/24	
		DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MONITORING WELLS (SHALLOW):																											
MW-5R	499.20	11.56	487.64	11.33	487.87	11.38	487.82	11.68	487.52	11.62	487.58	11.74	487.46	11.72	487.48	11.48	487.72	11.51	487.69	11.70	487.50	11.45	487.75	11.88	487.32	11.51	487.69
PIEZOMETERS:																											
PZ-4R	499.21	--	--	11.00	488.21	10.96	488.25	11.36	487.85	11.39	487.82	11.55	487.66	11.50	487.71	11.25	487.96	11.30	487.91	11.85	487.36	11.17	488.04	11.76	487.45	11.27	487.94
PZ-5	498.44	11.20	487.45	10.73	487.71	10.80	487.64	10.96	487.48	11.01	487.43	11.13	487.31	11.11	487.33	10.88	487.56	10.93	487.51	11.21	487.23	10.83	487.61	11.25	487.19	10.89	487.55
PZ-6	498.68	11.15	487.95	10.75	487.93	10.78	487.90	10.96	487.72	11.03	487.65	11.13	487.55	11.11	487.57	10.90	487.78	10.95	487.73	11.22	487.46	10.84	487.84	11.26	487.42	10.91	487.77
PZ-11	497.79	10.13	487.89	10.17	487.62	10.29	487.50	10.45	487.34	10.49	487.30	10.61	487.18	10.59	487.20	10.37	487.42	10.43	487.36	10.70	487.09	10.34	487.45	10.77	487.02	10.39	487.40
PZ-12	497.60	10.76	487.17	10.31	487.29	10.27	487.33	10.53	487.07	10.57	487.03	10.69	486.91	10.65	486.95	10.42	487.18	10.51	487.09	10.79	486.81	10.43	487.17	10.84	486.76	10.47	487.13
PZ-13	497.88	11.06	486.99	10.41	487.47	10.56	487.32	10.65	487.23	10.84	487.04	10.80	487.08	10.87	487.01	10.60	487.28	10.87	487.01	11.20	486.68	10.77	487.11	11.10	486.78	10.59	487.29
PZ-14	497.56	10.74	487.18	10.08	487.48	10.12	487.44	10.32	487.24	10.36	487.20	10.48	487.08	10.45	487.11	10.18	487.38	10.28	487.28	10.50	487.06	10.16	487.40	10.62	486.94	10.25	487.31
OFF-SITE MONITORING WELLS:																											
MW-23S	496.91	11.41	485.50	11.15	485.76	11.25	485.66	11.37	485.54	11.42	485.49	11.52	485.39	11.50	485.41	11.10	485.81	11.30	485.61	11.70	485.21	11.22	485.69	11.82	485.09	11.22	485.69
MW-23D	497.18	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	11.96	485.22	11.85	485.33	11.42	485.76	11.52	485.66	(16)	(16)	11.43	485.75	12.00	485.18	NM	NM
MW-24S	497.32	11.54	485.78	10.33	486.99	10.37	486.95	10.52	486.80	10.57	486.75	10.68	486.64	10.66	486.66	10.38	486.94	10.47	486.85	10.90	486.42	10.38	486.94	10.83	486.49	10.44	486.88
MW-24D	497.63	11.19	486.44	11.03	486.60	11.13	486.50	11.25	486.38	11.29	486.34	11.40	486.23	11.41	486.22	11.10	486.53	11.60	486.03	11.60	486.03	10.87	486.76	11.36	486.27	11.05	486.58
MW-25S	496.21	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	12.85	483.36	12.70	483.51	12.22	483.99	12.37	483.84	12.70	483.51	12.31	483.90	12.75	483.46	NM	NM
MW-26S	496.02	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	13.20	482.82	13.01	483.01	12.60	483.42	12.70	483.32	13.08	482.94	12.64	483.38	12.10	483.92	NM	NM
MW-27S	496.24	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	13.31	482.93	13.75	482.49	13.28	482.96	13.26	482.98	13.72	482.52	13.28	482.96	13.80	482.44	NM	NM

Notes:

1. All wells/piezometers surveyed on 1/11/07 with site specific datum of 500 feet, with the exception of wells MW-4, 5, 5R, 6, and 7; these locations were surveyed following their installation.
2. DTW = depth to water, feet below top of riser (fbTOR)
3. GWE = groundwater elevation, feet above mean sea level (fmsl)
4. NM = no measurement; location was not installed at the time of measurement or not accessible.
5. TOR = top of PVC riser, fmsl
6. MW-5 was removed 12/1/2016 during source area excavation and replaced by MW-5R on 1/18/2017.
7. PZ-11, PZ-12, and PZ-13 were cut down to sit flush with ground surface on 4/21/17. TOR elevation updated.
8. PZ-4 was removed 11/5/2018 during on-site well repairs and replaced by PZ-4R on 11/5/2018.
9. PZ-5, PZ-6, and PZ-14 were cut down to sit flush with ground surface on 11/5/18. TOR elevation updated.
10. Off-site monitoring wells MW-21S, MW-21D, MW-22S, and MW-22D were decommissioned by NYSDEC in early 2018
11. Sampling logs were either not provided by NYSDEC or sampling was completed greater than a month apart from Benchmark sampling and is considered unreliable.
12. MW-25S, MW-26S, MW-27S paved over. NYSDEC uncovered the wells in 2019.
13. Based on the discrepancy in total depth measured and analytical data results Benchmark in consultation with the Department believe GES gauged and sampled MW-23S instead of MW-23D.

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
Shallow Overburden Wells																		
PZ-2	11/16/06	< 10	< 10	< 10	< 10	< 10	< 10	<10	90	< 10	<10	**90**	7.26	16.3	4646	< 1000	78	7.27
	04/24/08	< 20	< 4	< 4	< 4.0	< 4	< 4	<4.0	120	< 4	<4.0	**120**	7.38	14	4143	< 1000	163	5.81
	08/18/08	**HRC INJECTION**																
	10/02/08	8.3	< 1	< 1	< 1.0	4.6	< 1	< 1	230 D	5.7	< 1	**240**	6.73	15.7	6981	< 1000	-10	2.39
	12/18/08	< 20	< 4	< 4	< 4.0	3.5	< 4	< 4	270 D	5.6	< 4	**279**	7.31	8.3	4977	< 1000	-25	3.32
	02/11/09	< 5	< 1	< 1	< 1.0	1.3 J	< 1	< 1	83	4	< 1	**88**	7.28	11.9	4926	18	-56	3.08
	04/21/09	< 5	< 1	< 1	< 1.0	2.3	< 1	< 1	110 D	20	< 1	**132**	7.18	12.2	7537	6.3	-60	3.02
	07/17/09	< 5	< 1	< 1	< 1.0	1.2	< 1	< 1	77 D	12	< 1	**90**	7.1	16.3	9630	11	-199	2.34
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	60	3	< 0.24	**63**	7.08	10.5	5814	4.8	-48	3.04
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	3.8	< 0.9	< 0.44	78	9.2	< 0.9	**91**	7.42	15.5	4820	10	48	4.2
	06/05/12	< 10	< 0.19	< 0.34	< 0.29	5.7	< 0.9	< 0.44	200 D	13	< 0.9	**219**	7.38	15.3	4951	16	336	5.47
PZ-3	11/16/06	< 10	< 10	< 10	<10	1 J	< 10	< 10	300	< 10	< 10	**301**	7.23	16.3	3590	< 1000	527	3.77
	04/24/08	< 25	< 5	< 5	<5.0	6	< 5	< 5	400	< 5	< 5	**406**	7.6	16.8	4416	< 1000	133	4.56
	08/18/08	**HRC INJECTION**																
	10/02/08	< 5	< 1	< 1	<1.0	3.5	< 1	< 1	370 D	1.7	< 1	**375**	7.34	14	4801	< 1000	17	4.94
	12/18/08	< 20	< 4	< 4	<4.0	2.1 J	< 4	< 4	250	< 4	< 4	**252**	7.4	9.6	4244	< 1000	93	5.29
	02/11/09	< 5	< 1	< 1	<1.0	< 1	< 1	< 1	140 D	1.2	< 1	**141**	7.45	12	4667	37	416	5.46
	04/21/09	< 5	< 1	< 1	<1.0	0.73 J	< 1	< 1	150 D	1 J	< 1	**152**	7.35	10.8	4818	307	107	4.86
	07/17/09	< 5	< 1	< 1	<1.0	< 1	< 1	< 1	72 D	< 1	< 1	**72**	7.31	16.1	5436	6.5	-59	5.22
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	17	< 1	< 0.24	**17**	7.16	10.4	4032	20	-51	4.18
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	120 D	< 1	< 1	**120**	7.22	14.9	5885	8	-15	4.04
	06/05/12	< 10	< 0.38	< 0.68	< 0.58	< 1	< 1	< 0.88	120	< 1	< 1.8	**120**	7.5	14.7	4276	17	179	4.84

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		50	--	7	5	5	5	5	5	5	2	--	6.5 - 8.5	--	--	--	--	--
PZ-4	11/16/06	< 10	< 10	< 10	< 10	< 10	< 10	< 10	530	3 J	< 10	533	7.54	16.3	3782	< 1000	49	5.92
	04/24/08	< 25	< 5	< 5	<5.0	46	< 5	< 5	1,900 D	19	< 5	1965	7.29	13.4	6293	< 1000	158	7.63
	08/18/08	HRC INJECTION																
	10/02/08	< 5	< 1	< 1	ND	56	0.82 J	< 1	2,800 D	30	< 1	2888	7.4	15.7	5898	< 1000	85	7.33
	12/18/08	< 200	< 40	< 40	<40	99	< 40	< 40	2800	42	< 40	2941	7.38	9.3	10502	< 1000	147	8.97
	02/11/09	< 5	< 1	< 1	<1.0	16	< 1	< 1	540 D,H	9.4	< 1	565	7.61	10.7	7079	17	48	9.22
	04/21/09	< 5	< 1	< 1	<1.0	6	< 1	< 1	520 D	6.3	< 1	532	7.37	11.7	18510	206	99	9.58
	07/17/09	< 5	< 1	< 1	<1.0	0.93 J	< 1	< 1	180 D	1.6	< 1	183	7.61	16.7	12	6.5	-46	6.69
	03/29/10	< 50	< 1.9	< 3.4	< 2.9	< 10	< 10	< 4.4	46 D	< 10	< 2.4	46	7.61	9	6934	13	0	9.37
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	9.1	< 1	< 0.44	390 D	8.1	< 1	407	7.49	13.5	9095	9	36	8.02
	06/05/12	< 50	< 0.95	< 1.7	< 1.5	15	< 1	< 2.2	950 D	24	< 4.5	989	7.63	14	8812	16	289	7.71
	04/16/14	IET INJECTION																
	06/18/14	< 26	< 3.8	< 6.8	< 5.8	39	< 18	< 8.8	1200	35	< 18	1274	7.46	14.9	11710	30	71	4.95
	09/03/14	< 26	< 3.8	< 6.8	< 5.8	190	< 18	11 J	1200	60	< 18	1450	7.44	18.9	9106	3.2	-77	3.2
	04/16/15	< 26	< 3.8	< 6.8	< 5.8	110	< 18	< 8.8	940	59	< 18	1109	7.4	11.9	7306	9.9	-37	7.73
	08/13/15	< 26	< 3.8	< 6.8	< 5.8	160	< 18	11 J	480	61	< 18	701	*7.47*	*22*	*12.82*	*> 1000*	*-143*	*2.79*
	12/18/15	< 19	< 10	< 7	< 1.4	29	< 7	< 7	780	30	< 0.7	839	7.67	11.4	5925	63	22	5.96
	Mar & Apr 2016	PERSULFOX INJECTIONS																
	06/13/16	< 39	< 20	< 14	< 2.8	64	< 14	< 14	1100	46	< 1.4	1210	7.07	16.5	10	217	197	5.45
	09/21/16	< 39	< 20	< 14	< 3.4	34 J	< 14	< 14	630	34	< 1.4	698	7.75	26.3	5784	510	321	5.27
	12/1-12/6/16	ON-SITE EXCAVATION																
	01/23/17	< 39	< 20	< 14	< 3.4	58	< 14	< 14	1000	52	< 1.4	1110	7.4	10.9	8883	159	184	7.51
	04/24/17	< 39	< 20	< 14	< 3.4	52	< 14	< 14	1200	44	< 1.4	1296	7.71	15.7	7520	47	155	7.96
PZ-4R	11/12/18	< 19	< 10	< 7	< 1.7	17 J	< 7	< 7	1400	23	< 0.71	1423	7.3	13.8	6990	> 1000	143	6.05
	04/05/19	< 19	< 10	< 7	< 1.7	38	< 7	< 7	1,200 D	24 D	< 0.71	1262	7.32	7.9	5409	620	196	11.28
	11/20/19	< 19	< 10	< 7	< 1.7	21 D J	< 7	< 7	1,100 D	21 D	< 0.71	1142	7.47	15.4	7111	--	82	6.6
	04/01/20	< 19	< 10	< 7	< 1.7	29 D	< 7	< 7	1,100 D	23 D	< 0.71	1152	7.72	10	5525	900	37	9.2
	11/13/20	< 39	< 20	< 14	< 3.4	36 D J	< 14	< 14	2,000 D	37 D	< 1.4	2073	7.37	16.7	6688	237	60	7.23
	04/01/21	< 19	< 10	< 7	< 1.7	35 D	< 7	< 7	1,600 D	26 D	< 0.71	1661	7.16	9.7	5519	32	212	10.47
	11/02/21	< 19	< 10	< 7	< 1.7	35 D2	< 7	< 7	2,100 D	36 D2	< 0.71	2171	7.44	19.2	5352	5	130	5.68
	04/05/22	< 19	< 10	< 7	< 1.7	37 D	< 7	< 7	1,400 D	24 D	< 0.71	1461	7.61	11.2	5324	26	-44	8.66
	11/10/22	< 19	< 10	< 7	< 1.7	37 D	< 7	< 7	1,600 D	37 D	< 0.71	1674	7.31	18.3	7071	17	16.6	6.53
	04/04/23	< 19	< 10	< 7	< 1.7	11 J D	< 7	< 7	860 D	14 D	< 0.71	885	7.74	11.4	2635	190	174	9.29
	11/08/23	< 19	< 10	< 7	< 1.7 UJ	11 J	< 7	< 7	1800	22	< 0.71	1,833	7.59	15.5	4479	247	103	5.28
	04/16/24	< 19	< 10	< 7	< 1.7	16 J	< 7	< 7	1200	15 J	< 0.71	1,231	7.68	13.03	4070	170	177	7.30

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
PZ-5	11/20/06	< 10	< 10	< 10	<10	42	< 10	< 10	9700	11	< 10	**9753**	7.22	10.9	3722	< 1000	111	5.42
	04/24/08	< 20	< 4	< 4	<4.0	160	< 4	< 7	3,100 DJ	20	< 0.71	**3280**	7.22	12.1	3710	< 1000	122	4.4
	08/18/08	**HRC INJECTION**																
	10/02/08	< 5	< 1	< 1	<1.0	38	< 1	< 1	3,000 D	7.3	< 1	**3045**	7.33	16.4	3773	< 1000	-37	4.51
	12/18/08	< 200	< 40	< 40	<40	120	< 40	< 40	5,600 D	< 40	< 40	**5720**	7.42	11	4622	< 1000	-10	5.07
	02/11/09	< 5	< 1	< 1	<1.0	< 1	< 1	< 1	150 D	< 1	< 1	**150**	7.48	11.2	2872	15	35	4.74
	04/21/09	< 5	< 1	0.41 J	<1.0	54	0.4 J	< 1	760 D	8.7	< 1	**823**	7.41	12.6	3905	38	60	3.11
	07/17/09	< 5	< 1	< 1	<1.0	33	< 1	< 1	6,000 D	9.3	< 1	**6044**	7.26	16.5	4255	44	28	2.95
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	8	< 1	< 0.44	1,300 D	3.1	< 0.24	**1311**	7.32	8.8	4341	4.5	0	4.32
	06/29/11	< 10	< 0.19	< 0.34	< 0.29	11	< 1	< 0.44	3,200 D	4.3	< 0.9	**3215**	7.26	16.6	4802	7.8	50	3.89
	06/05/12	< 10	< 4.8	< 8.5	< 7.3	< 1	< 1	< 11	1600	< 1	< 23	**1600**	7.34	14.2	3469	13	57	4.73
	04/16/14	**IET INJECTION**																
	06/18/14	< 33	< 4.8	< 8.5	< 7.3	< 20	< 23	< 11	3,800 D	< 12	< 23	**3800**	7.5	15.3	4135	21	163	5.91
	09/03/14	< 33	< 4.8	< 8.5	< 7.3	< 20	< 23	14 J	2300	< 12	< 23	**2314**	7.48	17.6	4985	7.1	179	3.67
	04/16/15	< 1.3	< 0.19	< 0.34	< 0.29	33	< 0.9	< 0.44	5.8	2.8	< 0.9	**42**	7.29	11.8	3790	19	-49	7.07
	08/13/15	< 1.3	< 0.19	3	< 0.29	29	< 0.9	< 0.44	1,100 D	3	< 0.9	**1132**	7.54	16.3	4251	8.7	20	5.44
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/24/17	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	880 D	2.7 J	< 0.71	**883**	7.32	11.5	2752	1.4	237	4.54
	04/24/17	< 19	< 10	< 7	< 1.7	28	< 7	< 7	740	3.4 J	< 0.71	**771**	7.48	10.8	2976	7	148	5.09
	11/12/18	< 7.8	< 4	< 2.8	< 0.68	< 2.8	< 2.8	< 2.8	340 J	< 0.7	< 0.28	**340**	7.31	13.8	2952	3.7	91	4.92
	04/05/19	< 3.9	< 2	6.5 D	< 0.34	< 1.4	< 1.4	< 1.4	160 D	0.62 J D	< 0.14	**167**	7.61	11.1	2259	4.3	91	7.18
	11/20/19	< 4.8	< 2.5	< 1.8	< 0.42	< 1.8	< 1.8	< 1.8	220 D	< 0.44	< 0.18	**220**	7.38	15.1	4616	--	153	4.53
	04/01/20	< 1.9	< 1	0.89 J	< 0.17	1.1 J	< 0.7	< 0.7	280 D	1.1	< 0.07	**283**	7.46	11.2	3722	2	143	5.62
	11/13/20	< 3.9	< 2	2.3 D J	< 0.34	< 1.4	< 1.4	< 1.4	180 D	< 0.35	< 0.14	**182**	7.57	16.3	4057	23	162	5.33
	04/01/21	< 1.9	< 1	5.2	< 0.17	< 0.7	< 0.7	< 0.7	160	< 0.18	< 0.07	**165**	7.46	11.3	2945	26	191	5.82
	11/02/21	< 3.9	< 2	2.6 D J	< 0.34	3.2 D J	< 1.4	< 1.4	400 D	2.2 D	< 0.14	**408**	7.35	16.3	3798	9.9	147	5.75
	04/05/22	< 1.9	< 1	3.6	< 0.17	< 0.7	< 0.7	< 0.7	190	0.21 J	< 0.07	**194**	7.35	13.5	2710	5.2	87	3.93
	11/10/22	< 3.9	< 2	1.4 D J	< 0.34	< 1.4	< 1.4	< 1.4	260 D	< 0.35	< 0.14	**261**	7.53	15.6	4649	33.9	137	6.23
	04/04/23	< 3.9	< 2	< 1.4	< 0.34	< 1.4	< 1.4	< 1.4	210 D	< 0.35	< 0.14	**210**	7.32	13.1	3492	9.51	160	5.77
	11/8/2023	< 3.9	< 2	< 1.4	< 0.34 UJ	< 1.4	< 1.4	< 1.4	190	0.3 J	< 0.14	**190**	7.46	14.9	3727	2.57	117	5.52
	4/16/2024	< 3.9	< 2	< 1.4	< 0.34 UJ	< 1.4 UJ	< 1.4	< 1.4	170	< 0.35 UJ	< 0.14	**170**	7.59	13.75	2620	40.5	149	3.16

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
PZ-6	11/16/06	< 10	< 10	< 10	<10	26	< 10	< 10	1000	5 J	< 10	**1031**	7.75	16	3679	< 1000	32	6.17
	04/24/08	< 20	< 4	< 4	<4.0	11	< 4	< 4	390	2.5 J	< 4	**404**	7.45	13.1	3998	< 1000	137	4.95
	08/18/08	**HRC INJECTION**																
	10/02/08	< 5	< 1	< 1	< 1.0	20	1.3	< 1	1,400 D	8.7	< 1	**1430**	7.45	15.1	3851	< 1000	88	4.99
	12/18/08	< 10	< 2	< 2	< 2.0	1.7	< 2	< 2	92	< 2	< 2	**94**	7.49	10.4	3600	< 1000	100	5.28
	02/11/09	< 5	< 1	< 1	< 1.0	< 1	< 1	< 1	12	< 1	< 1	**12**	7.48	11.6	2560	140	72	4.49
	04/21/09	< 5	< 1	< 1	< 1.0	2.5	< 1	< 1	200	2.1	< 1	**205**	7.36	11.4	4471	31	80	2.98
	07/17/09	< 5	< 1	< 1	< 1.0	0.9 J	< 1	< 1	90	0.52 J	< 1	**91**	7.33	16.1	3894	21	28	3.52
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	2	< 1	< 0.44	590 D	1.2	< 0.24	**593**	7.26	10	4044	39	-64	4.58
	06/29/11	< 10	< 0.19	< 0.34	< 0.29	7	< 1	< 0.44	1,200 D	3.6	< 0.9	**1211**	7.26	16	3261	10	63	3.7
	06/05/12	< 10	< 1.5	< 2.7	< 2.3	< 1	< 1	< 3.5	390	< 1	< 7.2	**390**	7.39	14.4	2719	23	146	4.31
	04/16/14	**IET INJECTION**																
	06/18/14	<11	< 1.5	< 2.7	< 2.3	<6.5	<7.2	< 3.5	390	<3.7	< 7.2	**390**	7.48	15.1	5029	33	161	6.68
	09/03/14	<6.6	< 0.95	< 1.7	< 1.5	85	<4.5	< 2.2	280	5.6	< 4.5	**371**	7.42	17.7	4164	7.6	145	4.07
	04/16/15	<6.6	< 0.95	< 1.7	< 1.5	12	<4.5	< 2.2	210	<2.3	< 4.5	**222**	7.3	13.1	2087	6.8	112	5.31
	08/13/15	< 6.6	< 0.95	3.6 J	< 1.5	37	< 4.5	2.2 J	800 D	9.6	< 4.5	**847**	7.69	15.2	3905	15	129	5.42
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/23/17	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	500	8.2	< 0.71	**508**	7.3	12.4	2833	2.7	239	5.04
	04/24/17	< 1.9	< 1	< 0.7	< 0.17	5.8	< 0.7	< 0.7	46	1.3	< 0.07	**53**	7.1	10.6	2889	6	172	5.23
	11/12/18	< 4.8	< 2.5	< 1.8	< 0.42	2.4 J	< 1.8	< 1.8	250	2.7	< 0.18	**255**	7.4	12.7	2656	3.4	121	4.99
	04/05/19	< 1.9	< 1.0	2.4 J	< 0.17	1.5 J	< 0.7	< 0.7	200	2.7	< 0.07	**207**	6.92	11.3	3243	7	228	7.66
	11/20/19	< 3.9	< 2.0	< 1.8	< 0.42	2.1 D J	< 1.8	< 1.8	170 D	1.8 D	< 0.18	**174**	7.5	15.3	3184	--	169	3.95
	04/01/20	< 1.9	< 1.0	1.2 J	< 0.17	1.3 J	< 0.7	< 0.7	190 D	2.2	< 0.07	**195**	7.57	11.4	3864	8.2	130	5.96
	11/13/20	< 3.9	< 2.0	1.6 D J	< 0.34	< 1.4	< 1.4	< 1.4	210 D	1.7 D	< 0.14	**213**	7.16	16.5	4149	1.6	153	5.35
	04/01/21	< 1.9	< 1.0	4.8	< 0.17	< 0.7	< 0.7	< 0.7	66	0.31 J	< 0.07	**71**	7.36	10.9	2802	4.4	195	4.5
	11/02/21	< 3.9	< 2.0	2.8 D J	< 0.34	1.4 D J	< 1.4	< 1.4	280 D	2.2 D	< 0.14	**286**	7.45	16	3722	4.2	136	6.42
	04/05/22	< 1.9	< 1.0	2.2 J	< 0.17	< 0.7	< 0.7	< 0.7	190	0.97	< 0.07	**193**	7.48	11.5	3051	15.6	114	5.82
	11/10/22	< 4.8	< 2.5	< 1.8	< 0.42	< 1.8	< 1.8	< 1.8	360 D	2.9 D	< 0.18	**363**	7.3	16.3	5156	14.1	163	6.2
	04/04/23	< 1.9	< 1.0	0.97 J	< 0.17	< 0.7	< 0.7	< 0.7	170	0.76	< 0.07	**172**	7.35	13.3	3081	5.9	169	4.86
	11/08/23	< 1.9	< 1.0	< 1.4	< 0.17 UJ	< 0.7	< 0.7	< 0.7	170	0.6 J	< 0.07	**171**	7.48	15.3	3685	5.6	122	5.36
	04/16/24	< 1.9	< 1.0	< 0.7	< 0.34 UJ	< 0.7	< 0.7	< 0.7	120	0.44 J	< 0.07	**120**	7.58	13.35	2510	9.9	166	2.75
PZ-7	11/16/06	< 10	< 10	1 J	< 10	< 10	< 10	<10	4 J	< 10	< 10	**4**	7.19	12	4713	< 100	29	6
	08/18/08	**HRC INJECTION**																
	03/30/10	< 5	< 1	< 1	< 0.29	< 1	< 1	< 1	< 1	< 1	< 1	**0**	7.33	10.6	3915	243	8	8.51
	06/03/11	< 5	< 1	< 1	< 1.0	< 1	< 1	< 1	0.64 J	< 1	< 1	**0.64**	7.35	14.2	5456	14	92	6.01
	06/05/12	< 10	< 0.19	2	< 0.29	< 1	< 1	< 0.44	2.1	< 1	< 0.9	**2.1**	7.74	14.9	3145	29	520	8.08
PZ-8	11/16/06	< 10	<10	1 J	< 10	< 10	< 10	<10	4 J	< 10	< 10	**4**	7.42	17.1	3242	< 100	119	7.86
	08/18/08	**HRC INJECTION**																
	03/30/10	< 5	<1.0	<1.0	< 0.29	< 1	< 1	<1.0	1.9	< 1	<1.0	**1.9**	7.78	11.3	3943	29	10	8.34
	06/02/11	< 5	<1.0	0.7 J	< 1.0	< 1	< 1	< 0.44	1.9	< 1	< 0.9	**2.6**	7.72	14.4	2283	12	76	6.23
	06/04/12	< 10	< 0.19	0.58 J	< 0.29	< 1	< 1	< 0.44	1.9	< 1	< 0.9	**2.5**	8	14.5	1516	14	561	8.09

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
PZ-9	11/16/06	< 10	< 10	1 J	< 10	< 10	< 10	<10	10	< 10	< 10	**10**	7.37	170	2944	< 100	-52	4.38
	08/18/08	**HRC INJECTION**																
	03/30/10	< 25	< 5	< 5	< 1.5	< 5	< 5	< 5	9 D	< 5	< 5	**9**	7.46	9.8	7571	25	22	8.91
	06/03/11	< 10	< 0.19	0.85 J	< 5.0	< 5	< 5	< 0.44	6.8	< 5	< 0.9	**6.8**	7.35	14.2	5456	14	92	6.01
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	6.6	< 1	< 0.9	**6.6**	7.73	13.4	6535	202	614	7.51
PZ-10	11/16/06	< 10	<10	1 J	< 10	< 10	< 10	<10	2 J	< 10	< 10	**2**	7.01	17.1	4368	< 100	-89	4.8
	08/18/08	**HRC INJECTION**																
	03/30/10	< 5	< 1	<1.0	< 0.29	< 1	< 1	< 1	0.73 J	< 1	< 1	**0.73**	7.88	11.6	3027	140	12	8.54
	06/03/11	< 5	< 0.19	< 0.34	< 1.0	< 1	< 1	< 0.44	0.53 J	< 1	< 0.9	**0.53**	7.51	13.6	9522	40	93	7.89
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	1	< 1	< 0.9	**1**	7.84	13.6	3300	47	552	7.14
PZ-11	01/05/07	< 50	<50	<50	<50	94	< 50	<50	18,000 D	< 50	< 50	**18094**	7.22	11.2	2865	< 1000	110	5.46
	04/24/08	< 2000	< 400	< 400	<400	170	< 400	< 400	22,000 D	34	< 400	**22204**	7.18	12	7975	< 1000	187	5.17
	08/18/08	**HRC INJECTION**																
	03/30/10	< 20	< 4	< 4	< 1.5	12 D	< 4	< 4	6,800 D	5.9 D	< 4	**6818**	7.25	8.3	9696	54	5	6
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	17	< 1	< 0.44	5,400 D	5.6	< 0.9	**5423**	7.46	13.2	6102	47	99	4.08
	06/04/12	< 500	< 9.5	< 17	< 15	< 50	< 50	< 22	3400	< 50	< 45	**3400**	7.51	14.4	4076	< 1000	564	4.36
	04/16/14	**IET INJECTION**																
	06/18/14	< 26	< 3.8	< 6.8	< 5.8	< 16	< 18	< 8.8	1500	< 9.2	< 18	**1500**	7.75	17.8	4937	43	125	3.35
	09/03/14	< 6.6	< 0.95	< 1.7	< 1.5	14	< 4.5	< 2.2	480	5.8	< 4.5	**500**	7.41	18	4627	46	84	3.25
	04/16/15	< 6.6	< 0.95	< 1.7	< 1.5	95	< 4.5	< 2.2	16,000 D	34	< 4.5	**16129**	7.3	11.7	5334	11	110	5.7
	08/13/15	< 260	< 38	< 68	< 58	< 160	< 180	100 J	4300	< 92	< 180	**4300**	7.51	20.3	5909	30	7	3.45
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/24/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	5500	< 18	< 7.1	**5500**	7.49	10.8	3815	9	241	2.42
	04/24/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	5600	< 18	< 7.1	**5600**	7.5	11.2	6943	9.4	120	5.19
	11/12/18	< 19	< 10	< 7	< 1.7	18 J	< 7	< 7	1300	14	< 0.71	**1332**	7.39	13.7	3248	2.7	72	4.57
	04/05/19	< 78	< 40	< 28	< 6.8	< 28	< 28	< 28	4,100 D	21 D	< 2.8	**4121**	7.51	9.8	3331	1.9	83	5.85
	11/20/19	< 4.8	< 2.5	< 1.8	< 0.42	7.7 D	< 1.8	< 1.8	440 D	4 D	< 0.18	**452**	7.35	14.5	4360	--	51	4.06
	04/01/20	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	1,000 D	2.5 J D	< 0.71	**1003**	7.31	10.8	5718	< 100	98	4.41
	11/13/20	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	3,000 D	6.6 J D	< 1.4	**3007**	7.41	16.8	4754	6.7	-2	4.51
	04/01/21	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	2,400 D	7.3 J D	< 1.4	**2407**	7.5	10.3	3703	4.2	82	5.81
	11/02/21	< 3.9	< 2.0	2.6 D J	< 0.34	< 1.4	< 1.4	< 1.4	350 D	0.96 J D	< 0.14	**354**	7.47	16.9	3421	3.7	79	4.57
	04/05/22	< 19	< 10	< 7	< 1.7	7.5 J D	< 7	< 7	1,500 D	9.2 D	< 0.71	**1517**	7.47	13.9	5121	3.2	77	4.88
	11/10/22	< 19	< 10	< 7	< 1.7	7.5 J D	< 7	< 7	800 D	5.2 D	< 0.71	**813**	7.26	17.1	4292	5.3	169	3
	04/04/23	< 19	< 10	< 7	< 1.7	11 J D	< 7	< 7	1,200 D	5.3 D	< 0.71	**1216**	7.36	12	3974	7.19	170	4.93
	11/08/23	< 19	< 10	< 7	< 1.7 UJ	< 14	< 7	< 7	1900	3.7 J	< 0.71	**1904**	7.39	15.6	4234	9.8	112	4.95
	04/16/24	< 19	< 2.5 UJ	< 1.8	< 1.7 UJ	< 1.8	< 1.8	< 1.8	440	1.2	< 0.18 UJ	**441**	7.56	12.50	3550	17.9	202	2.98

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		50	--	7	5	5	5	5	5	5	2	--	6.5 - 8.5	--	--	--	--	--
PZ-12	01/05/07	< 200	<200	<200	<200	< 200	< 200	<200	7,200 D	< 200	< 200	7200	7.03	11.5	3083	< 1000	103	4
	04/24/08	< 25	< 5	< 5	<5.0	230	< 5	< 5	23,000 D	23	< 5	23253	7.21	13	4004	< 1000	201	3.34
	08/18/08	**HRC INJECTION**																
	03/30/10	< 50	< 10	< 10	< 2.9	7.4 DJ	< 10	< 10	1,100 D	12 D	<10	1119	7.3	9.4	3741	< 1000	7	2.38
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	5.7	< 1	< 0.44	4,300 D	4.3	< 0.9	4310	7.38	13.6	3294	100	89	2.57
	06/04/12	< 100	< 1.9	< 3.4	< 2.9	56	< 10	< 4.4	700	14	< 9	770	7.51	14	3324	268	431	2.61
	04/16/14	**IET INJECTION**																
	06/18/14	< 13	< 1.9	< 3.4	< 2.9	< 8.1	< 9	< 4.4	3,700 D	< 4.6	< 9	3700	7.48	15.3	3177	36	157	2.89
	09/03/14	< 26	< 3.8	< 6.8	< 5.8	< 16	< 18	< 8.8	2,200 D	< 9.2	< 18	2200	7.44	18	3564	9.9	68	1.97
	04/16/15	< 53	< 7.6	< 14	< 12	75	< 36	< 18	6,200 D	20 J	< 36	6295	7.22	10.9	3877	22	127	5.09
	08/13/15	< 66	< 9.5	< 17	< 15	66	< 45	25 J	1,900 D	< 23	< 45	1991	7.52	19.8	3552	74	15	2.12
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/24/17	< 48	< 25	< 18	< 4.2	26 J	< 18	< 18	2500	8.8 J	< 1.8	2535	7.46	11.2	3403	15	244	3.35
	04/24/17	< 39	< 20	< 14	< 3.4	14 J	< 14	< 14	1900	7.8 J	< 1.4	1922	7.6	12.8	3197	12	99	3.38
	11/12/18	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	830 J	< 1.8	< 0.71	830	7.48	14.1	2538	1	69	4.6
	04/05/19	< 3.9	< 2	9 D	< 0.34	3.2 J D	< 1.4	< 1.4	250 D	0.91 J D	< 0.14	263	7.7	10.2	1883	1	45	7.01
	11/20/19	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	3,600 D	7.9 J D	< 1.4	3608	7.36	15.8	4539	--	12	2.83
	04/01/20	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	1,000 D	3.3 J D	< 0.71	1003	7.42	10.6	4236	< 100	71	3.72
	11/13/20	< 1.9	< 1	1.4 J	< 0.17	< 0.7	< 0.7	< 0.7	130	0.68	< 0.07	132	7.51	16.7	3081	1.6	29	3.52
	04/01/21	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	1,100 D2	2.4 J D	< 0.36	1102	7.4	10.7	3232	5.3	94	4.66
	11/02/21	< 4.8	< 2.5	2.2 J D	< 0.42	5.5 J D	< 1.8	< 1.8	410 D	3.4 D	< 0.18	421	7.41	16.8	3786	4.8	62	3.5
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	500 D	2.6 D	< 0.36	503	7.33	13.5	3275	3.4	76	3.39
	11/10/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	680 D	2.2 J D	< 0.36	682	7.3	16.2	3535	140	162	3.02
	04/04/23	< 48	< 25	< 18	< 4.2	< 18	< 18	< 18	2800 D	7.5 J D	< 1.8	2808	7.39	11.6	3292	6.8	181	3.49
	11/08/23	< 48	< 25	0.82 J	< 4.2 UJ	< 18	< 18	< 18	150	0.77	< 1.8	152	7.45	15	3125	5.83	110	4.53
	04/16/24	< 1.9	< 1	< 0.7	< 1.7 UJ	< 0.7 UJ	< 0.7	< 0.7	160	0.53 J	< 0.07	161	7.49	13.01	2800	8.3	158	0.98

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
PZ-13	01/05/07	< 10	< 10	< 10	<10	1 J	< 10	< 10	180	< 10	< 10	**181**	7.11	11.9	3304	< 1000	68	5.18
	04/24/08	< 20	< 4	< 4	<4.0	78	< 4	< 4	1,900 D	25	< 4	**2003**	7.28	12.8	2487	< 1000	131	5.7
	08/18/08	**HRC INJECTION**																
	03/30/10	< 5	< 1	< 1	< 0.29	20	< 1	<1.0	98	11	1.2	**130**	7.11	10.1	3721	87	-91	2.24
	06/02/11	< 5	< 0.19	< 0.34	< 0.29	9.6	< 1	< 0.44	120	4.5	< 0.9	**134**	7.54	14.3	3130	469	-79	2.36
	06/04/12	< 20	< 0.38	< 0.68	< 0.58	7.4	< 2	< 0.88	280 D	7.1	< 1.8	**295**	7.49	13.8	4080	667	344	3.5
	04/16/14	**IET INJECTION**																
	06/18/14	< 10	< 0.19	0.54 J	< 0.29	6.4	< 1	< 0.44	78	0.94 J	< 0.9	**86**	7.98	18.7	3762	55	78	2.05
	09/03/14	< 1.3	< 0.19	< 0.34	< 0.29	4.7	< 0.9	< 0.44	15	2	< 0.9	**22**	7.52	17.8	3256	9.6	-95	1.77
	04/16/15	53	0.27 J	0.62 J	3.7	1300 D	1.4	< 0.44	55,000 D	490 E	< 0.9	**56845**	7.31	11.4	4266	22	105	5.45
	08/13/15	53 J	< 1	< 3.4	< 2.9	450	< 9	< 4.4	44 D	< 4.6	52	**546**	7.42	19.1	6651	12	-143	1.25
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/24/17	< 3.9	< 2	< 1.4	< 0.34	50	5	< 1.4	79	19	18	**171**	7.13	11.3	5482	8.1	-10	2.28
	04/24/17	< 19	< 10	< 7	< 1.7	500	10 J	< 7	14	20	110	**654**	7.5	14.9	4829	14	0	2.98
	11/12/18	< 1.9	< 1	< 0.7	< 0.17	< 0.7	0.73 J	< 0.7	16	3.6	32	**52**	7.31	14.8	2991	83	-89	2.81
	04/05/19	< 3.9	< 2	< 1.4	1.8 J D	280 D	1.8 J D	< 1.4	93 D	76 D	53 D	**506**	7.15	10.4	4253	20	-7	2.5
	11/20/19	< 1.9	< 1	< 0.7	0.23 J	52	6.6	< 0.70	13	14	38	**124**	7.56	16	2443	--	-90	1.34
	04/01/20	< 1.9	< 1	< 0.7	< 0.17	44	1.5 J	< 7	21	9.6	8.9	**85**	7.62	11.2	2522	30	39	2.17
	11/13/20	< 1.9	< 1	< 0.7	< 0.17	45	0.75 J	< 0.7	30	7.2	4.9	**88**	7.54	16.7	3702	17	-29	2.5
	04/01/21	< 1.9	< 1	< 0.7	< 0.17	28	1.2 J	< 0.7	25	9.7	3.9	**68**	7.38	11.4	3825	20	42	2.04
	11/02/21	< 1.9	< 1	< 0.7	< 0.17	72	2.3 J	< 0.7	43	9.7	10	**137**	7.3	17.3	4553	40	-26	2.68
	04/05/22	< 1.9	< 1	< 0.7	< 0.17	70	1.7 J	< 0.7	12	10	4.3	**98**	7.51	13.5	2623	15	-90	2.99
	11/10/22	< 1.9	< 1	< 0.7	< 0.17	47	15	< 0.7	72	17	18	**169**	7.34	16.9	3331	22	6	2.92
	04/04/23	< 1.9	< 1	< 0.7	< 0.17	17	2.2 J	< 0.7	41	11	3.7 J+	**75**	7.58	11.9	1687	30.9	187	2.61
	11/08/23	< 1.10	< 1	< 0.7	< 0.17 UJ	33	12	< 0.7	170	12	7.6 J	**235**	7.25	14.7	3567	11.5	49	2.86
	04/16/24	< 1.9	< 1	< 0.7	< 1.7	40 J	9.7	0.7 J	100	17 J	3.6	**171**	7.41	14.64	2010	44.6	120	0.00

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
PZ-14	01/05/07	< 10	<10	<10	< 10	6 J	< 10	<10	3,000 D	< 10	< 10	**3007**	7.4	11.3	1798	< 1000	56	5.5
	04/24/08	< 20	< 4	< 4	< 4.0	28	< 4	< 4	5,300 D	20	< 4	**5348**	7.4	11.6	1985	< 1000	124	5.61
	08/18/08	**HRC INJECTION**																
	04/08/10	< 25	< 5	< 5	< 5.0	30	< 5	0.55 J	1,100 D	10	< 5	**1140**	7.18	11.8	4756	46	64	2.49
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	9.2	< 1	< 0.44	2,100 D	5.8	< 0.9	**2115**	7.81	13.3	3861	< 1000	104	6.1
	06/04/12	< 250	< 4.8	< 8.5	< 7.3	26	< 25	< 11	1200	12 J	< 23	**1238**	7.73	13	4500	16	555	8.07
	04/16/14	**IET INJECTION**																
	06/19/14	< 26	< 3.8	< 6.8	< 5.8	< 16	< 18	< 8.8	910	15 D J	< 18	**925**	8.19	16.8	2230	36	108	4
	09/03/14	< 26	< 3.8	< 6.8	< 5.8	89	< 18	8.9 J	1300	61	< 18	**1450**	7.8	18.7	3397	87	-142	4.66
	04/16/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/13/15	< 26	< 3.8	< 6.8	< 5.8	270	< 18	10 J	590	36	< 18	**896**	7.62	20.8	4894	736	-126	1.58
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/24/17	< 1.9	< 1	< 0.7	0.34 J	290 D	14	< 0.7	4.8	12	130	**451**	7.32	10.9	4397	8.9	-70	2.47
	04/24/17	< 7.8	< 4	< 2.8	0.68 J	180	8.5 J	< 2.8	4.7	140	140	**473**	7.08	15	4276	35	-126	1.81
	11/12/18	< 1.9	< 1	< 0.7	< 0.17	50	1.8 J	< 0.7	32	9.8	20	**114**	7.39	14	2820	6.8	-137	1.95
	04/05/19	< 3.9	< 2	< 1.4	0.5 J D	170 D	4.2 J D	< 1.4	150 D	32 D	30 D J	**387**	7.48	10	2196	8.9	-52	2.01
	11/20/19	< 1.9	< 1	0.71 J	0.34 J	100	4.2	< 0.70	33	12	35	**185**	7.48	15.3	2319	--	-121	1.72
	04/01/20	< 4.8	< 2.5	< 1.8	0.74 J D	340 D	5.4 J D	< 1.8	98 D	28 D	24 D	**496**	7.48	10.7	4111	11.1	-118	1.78
	11/13/20	< 9.7	< 5	< 3.5	1.1 J D	580 D	10 J D	< 3.5	110 D	29 D	82 D	**812**	7.34	16.1	3691	9.4	-64	1.73
	04/01/21	< 1.9	< 1	< 0.7	0.36 J	150	2.1 J	< 0.7	170	38	6.3	**367**	7.37	10.8	3789	6.2	39	1.71
	11/02/21	< 3.9	< 2	< 1.4	0.79 J D	390 D	4.9 J D	< 1.4	190 D	29 D	35 D	**650**	7.51	16.9	3222	8.3	-71	2.68
	04/05/22	< 3.9	< 2	< 1.4	0.4 J D	130 D	3 J D	< 1.4	200 D	20 D	8 D	**361**	7.41	13.5	5337	3	-24	2.52
	11/10/22	< 7.8	< 4	< 2.8	< 0.68	320 D	3.1 J D	< 2.8	470 D	35 D	9.6 D	**838**	7.51	15.9	2502	7.9	63	2.15
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	180 D	< 3.5	< 3.5	550 D	24 D	1.4 J D	**755**	7.32	11.2	3203	8.92	218	2.23
	11/08/23	< 9.7	< 5	< 3.5	1.1 J-	650	5.3 J	< 3.5	540	34	8.2	**1239**	7.45	14.7	3568	5.42	72	2.27
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	370 J	< 3.5	< 3.5	560	27 J	6.2	**963**	7.48	13.51	2980	51.7	137	0.00

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		50	--	7	5	5	5	5	5	5	2	--	6.5 - 8.5	--	--	--	--	--
MW-5	04/25/08	< 5	< 1	< 1	<1.0	16	< 1	< 1	19,000 D J	5.1	< 1	19022	7.33	13.8	3070	< 1000	-51	4.92
	08/18/08	HRC INJECTION																
	10/02/08	< 5	< 1	< 1	ND	20	< 1	< 1	50,000 D	7.2	< 1	50032	7.27	13.7	3454	2213	-40	6.27
	12/18/08	< 2500	<500	<500	< 500	< 500	< 500	<500	34,000 D	< 500	< 1	34000	6.99	10.4	4089	NA	-76	2.87
	02/11/09	4.9 J	< 1	< 1	< 1.0	66	< 1	< 1	36,000 D,H	19	< 1	36088	7.17	13.4	5153	13	-71	2.14
	04/21/09	11	0.82 J	0.53 J	< 1.0	1	0.64 J	< 1	37,000 D	27	< 1	37032	7.22	13.7	4730	2.6	-115	1.23
	07/17/09	< 5	< 1	0.54 J	< 1.0	800	1	< 1	31,000 D	86	< 1	31890	7.02	15.5	5656	2	-100	1.98
	03/29/10	< 500	< 97	< 170	< 150	< 500	< 500	< 220	25,000 D	< 500	< 120	25000	6.81	11.3	6748	3.3	-71	4.26
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	4.8	< 1	< 0.44	49,000 D	12	< 1	49021	7.26	13.1	5350	6	-23	6
	06/05/12	< 10	< 150	< 270	< 230	< 1	< 1	< 350	70000	< 1	< 720	70000	7.2	13.4	4892	3.4	593	4.58
	04/16/14	IET INJECTION																
	06/19/14	< 260	< 38	< 68	< 58	< 160	< 180	< 88	17000	170 D J	< 180	17170	7.66	18.9	4929	60	-169	1.65
	09/03/14	< 260	< 38	< 68	< 58	6300	< 180	< 88	38,000 D	2700	< 180	47000	7.41	17	4462	9.6	-156	0.81
	04/16/15	< 1300	< 190	< 340	< 290	1700	< 900	< 440	43000	670 J	< 900	45370	7.32	12.9	4335	22	-132	1.5
	08/13/15	< 1300	< 190	< 340	< 290	870 J	< 900	< 440	120,000 D	< 460	< 900	120870	7.46	17.7	4964	39	-122	1.29
	12/18/15	< 1900	< 1000	< 700	< 140	910 J	< 700	< 700	190000	350 J	< 70	191260	7.57	11.4	3642	> 100	-51	1.12
	Mar & Apr 2016	PERSULFOX INJECTIONS																
	06/13/16	< 9700	< 5000	< 3500	< 710	< 3500	< 3500	< 3500	180000	< 880	< 350	180000	7.18	17.3	6387	96.4	17	1.02
	09/21/16	< 3900	< 2000	< 1400	< 340	< 1400	< 1400	< 1400	110000	470 J	< 140	110470	7.17	21.6	6903	60.2	-130	1.38
MW-5R	12/1-12/6/16	ON-SITE EXCAVATION																
	01/23/17	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	990	20	< 1.4	1010	6.97	12.1	6444	24.2	361	1.18
	04/24/17	< 97	< 50	< 35	< 8.4	160	< 35	< 35	3600	55	< 3.6	3815	7.08	15.3	6542	83.2	319	1.31
	11/12/18	< 19	< 10	< 7	< 1.7	270	< 7	< 7	740	150	< 0.71	1160	7.22	14.3	4384	74.4	2.55	82
	04/05/19	< 39	< 20	< 14	< 3.4	270 D	< 14	< 14	1,900 D	300 D	< 1.4	2470	7.1	10.8	6110	15.1	37	2.9
	11/20/19	< 7.8	< 4	< 2.8	< 0.68	160 D	< 2.8	< 2.8	380 D	120 D	< 0.28	660	7.04	15.6	4140	--	7	1.42
	04/01/20	< 19	< 10	< 7	< 1.7	170 D	< 7	< 7	980 D	180 D	< 0.71	1330	7.12	11.1	5826	31.2	92	1.23
	11/13/20	< 9.7	< 5	< 3.5	< 0.84	380 D	9.5 J D	< 3.5	460 D	140 D	< 0.36	990	7.13	16.9	5413	16.4	94	1.15
	04/01/21	< 9.7	< 5	< 3.5	< 0.84	280 D	5.1 J D	< 3.5	1,000 D	210 D	< 0.36	1495	7.06	12	6439	15.8	39	1.27
	11/02/21	< 9.7	< 5	< 3.5	< 0.84	360 D	4.9 J D	< 3.5	750 D	150 D	< 0.36	1265	7.31	17	5722	--	87	1.13
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	230 D	< 3.5	< 3.5	790 D	180 D	< 0.36	1200	7.31	12.4	4843	43.8	115	6.29
	11/10/22	< 7.8	< 4	< 2.8	< 0.68	160 D	< 2.8	< 2.8	580 D	65 D	< 0.28	805	7.3	17.9	3284	24.2	90	2.8
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	200 D	< 3.5	< 3.5	710 D	140 D	< 0.36	1050	7.18	12.5	4329	7.5	133	2.35
	11/08/23	< 9.7	< 5	< 3.5	< 0.84	300 D	3.6 DJ	< 3.5	790 D	130 D	< 0.36	1224	7.3	14.5	4333	7.81	62	2.89
	04/16/24	< 3.9	< 2.0	<1.4	<1.4	69	1.5 J	< 1.4	190	38	< 0.14	299	7.36	13.6	4230	8.1	39	0.00
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	210 J	4.6J	< 3.5	570	120 J	< 0.36	905	7.36	13.6	4230	8.1	39	0.00

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
Intermediate Overburden Wells																		
MW-1	12/08/06	< 10	< 10	< 10	<10	2 J	< 10	64 DJ	4100	21	< 10	**4123**	7.09	10.5	1903	< 1000	0	3.02
	04/24/08	< 5	< 1	< 1	< 1	< 1	< 1	< 1	26	< 1	< 1	**26**	7.73	19.4	1948	< 1000	193	2.13
	08/18/08	**HRC INJECTION**																
	10/02/08	23	1.9	0.65 J	< 1.0	<1.0	< 1	< 1	29	0.51 J	< 1	**30**	5.9	12.5	2502	363	5	1.76
	12/18/08	21	< 1	< 1	< 1.0	15	< 1	< 1	32	0.87 J	< 1	**48**	5.64	11.5	2217	-13	25.2	0.067
	02/11/09	11	< 1	< 1	< 1.0	20	< 1	< 1	8.4	< 1	< 1	**28**	5.86	13.3	2064	10	-98	0.98
MW-1	04/21/09	4.3 J	0.98 J	< 1	< 1.0	16	< 1	< 1	12	0.58 J	< 1	**29**	6.7	14.1	1914	67	-248	0.41
	07/17/09	< 5	6.5	< 1	< 1.0	9.1	< 1	< 1	3.9	< 1	< 1	**13**	7.04	15	1945	4.1	-273	0.59
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	33	< 1	< 0.44	93	0.78 J	< 0.24	**127**	6.63	11.9	2093	50	-193	1.58
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	14	< 1	< 0.44	43	< 1	< 0.9	**57**	7.01	14.3	2070	13	-195	0.95
	06/05/12	< 10	< 0.19	< 0.34	< 0.29	5	< 1	< 0.44	62	0.71 J	< 0.9	**68**	7.19	14.2	2153	7.5	-158	0.92
	08/13/15	< 1.3	< 0.19	< 0.34	< 0.29	1.9	< 0.9	< 0.44	1.6	< 0.46	< 0.9	**4**	7.47	14.6	2384	16	-82	1.32
MW-2	12/08/06	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	5 J	< 10	< 10	**5**	6.89	9.2	1774	122	16	1.6
	08/18/08	**HRC INJECTION**																
	03/30/10	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	6.5	< 1	< 0.24	**6.5**	7.34	12.8	3492	63	5	3.35
	06/03/11	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	0.76 J	< 1	< 0.9	**0.76**	7.23	15.4	2837	8.4	87	1.53
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	0.81 J	< 1	< 0.9	**0.81**	7.47	14.3	3410	4.1	574	2.34
	08/13/15	< 1.3	< 0.19	0.37 J	< 0.29	< 0.81	< 0.9	< 0.44	110 D	< 0.46	< 0.9	**110**	7.52	17.4	2263	50	-34	2.15
	12/08/06	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	6 J	< 10	< 10	**6**	6.91	9.6	1746	231	82	2.16
	04/24/08	< 5	< 1	< 1	< 1	< 1	< 1	< 1	0.55 J	< 1	< 1	**0.55**	7.35	16.6	1821	< 1000	99	4.09
MW-3	**08/18/08**	**HRC INJECTION**																
	03/30/10	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	7.1	< 1	< 0.24	**7.1**	7.05	11.8	2109	17	-93	1.97
	06/02/11	< 5	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	9.1	< 1	< 0.9	**9.1**	7.3	15	2000	7	-63	1.6
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	1.1	< 1	< 0.9	**1.1**	7.5	13.6	2024	7.4	473	3.4
	08/13/15	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.9	0.44	93	< 0.46	< 0.9	**93**	7.46	18.8	2225	2.4	27	1.59
	04/24/08	< 5	< 1	< 1	<1.0	1.2	< 1	< 1	300 D	0.6 J	< 1	**302**	7.3	18	1879	< 1000	114	3.27
MW-4	**08/18/08**	**HRC INJECTION**																
	10/02/08	17	1.1	< 1	ND	4	< 1	< 1	11	< 1	< 1	**15**	6.23	13.5	2830	178	-46	1.71
	12/18/08	25	< 1	< 1	< 1	4.6	< 1	< 1	7.1	< 1	< 1	**12**	5.9	11.2	2821	NA	-76	0.84
	02/11/09	28	< 1	< 1	< 1.0	6.3	< 1	< 1	2	< 1	< 1	**8**	6.17	13.4	2435	20	-132	0.93
	04/21/09	20	0.41 J	< 1	< 1.0	1.6	< 1	< 1	1.9	< 1	< 1	**4**	6.5	4.9	2003	16	-198	0.68
	07/17/09	19	0.61 J	< 1	< 1.0	2	< 1	< 1	73	< 1	< 1	**75**	6.64	16.2	2642	15	-185	0.64
	03/29/10	< 5	< 0.19	< 0.34	< 0.29	1.3	< 1	< 0.44	4.8	< 1	< 0.24	**6.1**	7.01	11.3	2161	6.6	-118	1.29
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	< 1	< 1	< 0.44	2.4	< 1	< 1	**2.4**	7.29	13.9	2053	8	-82	8
	06/05/12	< 10	< 0.19	< 0.34	< 0.29	2.5	< 1	< 0.44	120 D	3.3	< 0.9	**126**	7.19	14	2156	4.5	21	2.57
	08/13/15	< 1.3	< 0.19	< 0.34	< 0.29	1.6	< 0.9	< 0.44	1	< 0.46	< 0.9	**2.6**	7.39	16.2	2339	14	-59	1.56
	04/25/08	< 20	< 4	< 4	ND	< 4	< 4	< 4	9400 D	8.8 J	< 4	**9409**	7.57	15.2	1861	< 1000	-138	2.18
MW-6	**08/18/08**	**HRC INJECTION**																
	10/02/08	43	< 1	< 1	ND	44	< 1	< 1	53	9.5	< 1	**107**	6.57	13.7	2475	3669	-51	1.94
	12/18/08	130	< 1	< 1	< 1	150 D	1.2	< 1	21	< 1	< 1	**172**	5.79	11.8	3911	NA	0.111	0.78
	02/11/09	45 D	< 1	< 1	< 1.0	270 D	< 1	< 1	22 D	17 D	< 1	**309**	5.91	12.9	3565	46	-102	1.53
	04/21/09	29	0.52 J	< 1	< 1.0	130 D	1.5	< 1	43	14	< 1	**189**	6.64	14.5	2394	31	-142	0.93
	07/17/09	11 DJ	2.5 DJ	<4.0	< 4.0	240 D	< 4	3.1 DJ	17 D	3.8 D	<4.0	**261**	7.04	15	2156	16	-131	2.32
	03/29/10	< 10	< 0.39	< 0.67	< 0.59	28 D	< 2	< 0.88	140 D	36 D	< 0.49	**204**	7.11	12	2261	12	-85	2.51
	06/02/11	< 10	< 0.19	< 0.34	< 0.29	29	< 1	< 0.44	200 D	19 D	< 0.9	**248 D**	7.2	14.3	2066	13	-90	1.72
	06/05/12	< 10	< 0.38	< 0.68	< 0.58	6	< 1	< 0.88	91	42	< 1.8	**139**	7.31	13.8	2217	16	5	2.52
	08/13/15	< 1.3	< 0.19	< 0.34	< 0.29	12	< 0.9	< 0.44	1.2	1.3	< 0.9	**15**	7.4	15.5	2268	27	-71	1.28
MW-7	**08/18/08**	**HRC INJECTION**																
	06/05/12	< 10	< 0.19	< 0.34	< 0.29	51	< 1	< 0.44	18	< 1	< 0.9	**69**	7.26	13.9	2089	29	1.7	85
	08/14/15	910	50	< 6.8	< 5.8	38	< 18	13 J	< 7.2	< 9.2	< 18	**38**	Poor quality of groundwater prevented sample measurement.					

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	**--**	**6.5 - 8.5**	**--**	**--**	**--**	**--**	**--**
Off-Site NYSDEC Wells (S = shallow, D = deep)[3]																		
MW-21S	**08/18/08**	**HRC INJECTION**																
Decommissioned 2018	05/28/09	< 5	< 1	0.75 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**	(4)	(4)	(4)	(4)	(4)	(4)
	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	<5.0	< 5	< 5	< 5	**0**	(4)	(4)	(4)	(4)	(4)	(4)
MW-21 D	**08/18/08**	**HRC INJECTION**																
Decommissioned	05/28/09	< 5	< 1	1.4 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**	(4)	(4)	(4)	(4)	(4)	(4)
2018	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**	(4)	(4)	(4)	(4)	(4)	(4)
MW-22S	**08/18/08**	**HRC INJECTION**																
Decommissioned	05/28/09	< 5	< 1	< 1	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**	(4)	(4)	(4)	(4)	(4)	(4)
2018	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**	(4)	(4)	(4)	(4)	(4)	(4)
MW-22D	**08/18/08**	**HRC INJECTION**																
Decommissioned	05/28/09	< 5	< 1	0.92 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**	(4)	(4)	(4)	(4)	(4)	(4)
2018	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**	(4)	(4)	(4)	(4)	(4)	(4)
MW-23S	**08/18/08**	**HRC INJECTION**																
	05/28/09	< 5	< 1	0.64 J	< 1	47	< 1	< 1	560 D	3.6	< 1	**611**	(4)	(4)	(4)	(4)	(4)	(4)
	06/07/11	< 50	< 50	< 50	< 5.0	< 50	< 50	< 50	650	< 50	< 50	**650**	(4)	(4)	(4)	(4)	(4)	(4)
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	11	< 1	< 0.44	1800 D	4.1	< 0.9	**1815**	7.63	11.8	3366	47	482	2.35
	04/16/14	**IET INJECTION**																
	09/03/14	< 1.3	< 0.19	0.47 J	< 0.29	5.7	< 0.9	< 0.44	1400 D	3.4	< 0.9	**1409**	7.32	17.2	2755	51	26	0.82
	04/16/15	< 66	< 9.5	17	< 15	250	< 45	< 22	1200	72	< 45	**1522**	7.41	9.6	3441	25	45	3.17
	08/14/15	< 66	< 9.5	< 17	< 15	60	< 45	33 J	1300	93	< 45	**1486**	7.25	17.4	4791	16	150	1.18
	12/1-12/6/16	**ON-SITE EXCAVATION**																
	01/23/17	< 19	< 10	< 7	< 1.7	7.1 J	< 7	< 7	470	10	< 0.71	**487**	7.2	13.1	4083	0.87	186	3.11
	04/24/17	< 19	< 10	< 7	< 1.7	26	< 7	< 7	660	15	< 0.71	**701**	7.31	11.8	2792	15.2	71	1.49
	11/12/18	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	590	3	< 0.36	**593**	7.19	17.1	2887	11.7	56	1.58
	04/05/19	< 4.8	< 2.5	2.1 J D	< 0.42	< 1.8	< 1.8	< 1.8	310 D	1.1 J D	< 0.18	**313**	7.29	9.4	3571	8	36	1.86
	11/20/19	< 4.8	< 2.5	2.4 J D	< 0.42	5.4 J	< 1.8	< 1.8	230 D	1.2 D	< 0.18	**239**	7.34	17.2	3852	--	62	1.04
	04/01/20	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	820 D	3.5 D	< 0.36	**824**	7.36	11.6	3161	10.2	48	1.29
	11/13/20	< 3.9	< 2	< 1.4	< 0.34	1.6 J D	< 1.4	< 1.4	330 D	1.7 D	< 0.14	**333**	7.37	18.4	3136	9.4	95	0.78
	04/01/21	< 3.9	< 2	1.5 J D	< 0.34	1.9 J D	< 1.4	< 1.4	340 D	2.7 D	< 0.14	**346**	7.42	10.2	2791	13	20	1.6
	11/02/21	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	990 D	4.6 D J	< 0.71	**995**	7.31	18.2	3217	--	-12	1.69
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	700 D	3.5 D	< 0.36	**704**	7.41	23.2	4097	4.5	52	3.91
	11/10/22	< 9.7	< 5	< 3.5	< 0.84	4 J D	< 3.5	< 3.5	870 D	2.8 D	< 0.36	**877**	7.24	17.5	3732	40.8	148	2.04
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	590 D	2.7 D	10 D	**603**	7.3	11.3	3465	17	138	1.81
	11/08/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	570	1.4 J	< 0.36	**571**	7.12	14.2	3148	17.9	170	3.19
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	< 3.5 UJ	< 3.5	< 3.5	620	2.3 J	< 0.36	**622.3**	7.68	12.31	3000	182	26	0.00
MW-23D[5]	**08/18/08**	**HRC INJECTION**																
	05/28/09	< 5	< 1	0.66 J	< 1	< 1	< 1	< 1	3.4	< 1	< 1	**3.4**	(4)	(4)	(4)	(4)	(4)	(4)
	06/07/11	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**0**	(4)	(4)	(4)	(4)	(4)	(4)
	07/30/15	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.9	< 0.44	< 0.36	< 0.46	< 0.9	**0**	(4)	(4)	(4)	(4)	(4)	(4)
	11/17/20	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.9	< 0.44	1.4	< 0.46	< 0.9	**1.4**	7.73	15	2192	100.9	42.9	1.98
	04/05/21	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.90	< 0.44	1.6	< 0.46	< 0.90	**1.6**	7.29	13.5	1855	29.3	88.7	2.12
	11/01/21	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.90	< 0.44	1.2	< 0.46	< 0.90	**1.2**	7.12	15.3	2383	-11.1	79	1.02
	04/06/22	< 1.6	< 1.4	0.3 J	< 0.14	< 0.15	< 0.17	0.23	0.72 J	< 0.19	< 0.21	**1.02**	7.27	13.8	1950	3.1	59.2	1.78
	11/09/22	14 J D	< 7.2	1.8 J D	< 0.71	2.8 J D	< 0.84	< 1.2	500 D	< 49	< 1.0	**518.6**	7.01	17.7	3000	31.3	129.4	2.03
	04/06/23	< 20	< 5	0.31 J	< 1	< 1	< 1	< 5	0.7 J	< 1	< 2	**1.01**	7.56	12.3	2563	0.4	128	1.75
	11/08/23	< 1.7	< 1.6	0.34 J	< 0.14	0.14 J	< 0.17	< 0.18	0.47 J	< 0.17	< 0.24	**0.81 J**	7.17	15.5	2455	1.01	139.3	1.46

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		50	--	7	5	5	5	5	5	5	2	--	6.5 - 8.5	--	--	--	--	--
MW-24S	08/18/08	HRC INJECTION																
	05/28/09	< 5	< 1	< 1	< 1	5.8	< 1	< 1	180 D	35	< 1	221	(4)	(4)	(4)	(4)	(4)	(4)
	06/07/11	< 100	< 50	< 50	< 50	< 50	< 50	< 50	1300	< 50	< 50	1300	(4)	(4)	(4)	(4)	(4)	(4)
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	2.2	< 1	< 0.44	2900 D	1.1	< 0.9	2903	7.51	13.1	3198	60	300	1.74
	04/16/14	IET INJECTION																
	09/03/14	< 1.3	0.55 J	4.5	2.6 J	15	< 0.9	< 0.44	68000	420 J	< 0.9	68436	7.39	15.9	2592	19	80	0.73
	04/16/15	< 1300	< 190	< 340	< 290	< 810	< 900	< 440	24000 D	< 460	< 900	24000	7.33	13	2477	21	36	1.77
	08/14/15	< 1300	< 190	< 340	< 290	< 810	< 900	590 J	22000	< 460	< 900	22590	7.31	16.2	2408	12	-16	1.63
	12/1-12/6/16	ON-SITE EXCAVATION																
	01/23/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	9000	35 J	< 7.1	9035	7.4	13	2425	4.1	81	1.97
	04/24/17	< 390	< 200	< 140	< 34	< 140	< 140	< 140	9300	< 35	< 14	9300	7.49	15	2785	20	20	1.31
	11/12/18	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	3900	5.7 J	< 1.4	3906	7.42	14.3	2781	31	8	4.96
	04/05/19	< 19	< 10	25 D	< 1.7	66 D	< 7	< 7	890 D2	29 D	< 0.71	1010	7.72	9.8	1554	766	66	2.31
	11/20/19	< 19	< 10	7.6 J D	< 1.7	< 7	< 7	< 7	1,100 D	< 1.8	< 0.71	1108	7.5	13.7	2804	--	17	17
	04/01/20	< 19	< 10	10 J D	< 1.7	15 J D	< 7	< 7	990 D	3.8 J D	< 0.71	1019	7.51	11	3490	4	130	4.48
	11/13/20	< 19	< 10	< 7	< 1.7	12 J D2	< 7	< 7	2,000 D	13 D2	< 0.71	2025	7.52	14.9	2935	3	135	1.49
	04/01/21	< 78	< 40	< 28	< 6.8	33 J D	< 28	< 28	6,100 D	15 J D	< 2.8	6148	7.42	11	2989	27	83	2.22
	11/02/21	< 19	< 10	< 7	< 1.7	7.6 D2 J	< 7	< 7	3,500 D	6 D2	< 0.71	3514	7.83	13.2	2733	--	141	1.66
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	820 D	1.2 J D	< 0.36	821	7.41	14.3	2641	3.5	-6	4.15
	11/10/22	< 78	< 40	< 28	< 6.8	45 J D	< 28	< 28	4,200 D	< 7.0	< 2.8	4245	7.2	15.4	3179	28	34	1.82
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	640 D	1.6 J D	< 0.36	642	7.35	13.1	2965	10.4	-15	3.95
	11/08/23	< 9.7	< 5	< 3.5	< 0.84 UJ	98	< 3.5	< 3.5	1200 J	25	< 0.36	1323	7.32	11.3	2642	6.74	-22	3.62
	04/16/24	< 78	< 40	< 28	< 6.8	< 28	< 28	< 28	4200	< 7.0	< 2.8	4200	7.52	12.82	2550	6.7	-34	0.00
MW-24D	08/18/08	HRC INJECTION																
	05/28/09	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0	(4)	(4)	(4)	(4)	(4)	(4)
	06/07/11	< 10	< 5	< 5	< 5	11	< 5	< 5	3 J	< 5	< 5	14	(4)	(4)	(4)	(4)	(4)	(4)
	06/04/12	< 10	< 0.19	< 0.34	< 0.29	100 D	< 1	< 0.44	1.1	< 1	< 0.9	101	7.6	13.6	2400	35	-69	1.68
	04/16/14	IET INJECTION																
	09/03/14	< 1.3	< 0.19	< 0.34	< 0.29	26	< 0.9	< 0.44	1.3	0.52 J	< 0.9	28	7.35	15.5	2097	17	-102	1.02
	04/16/15	< 6.6	< 0.95	< 1.7	< 1.5	33	< 4.5	< 2.2	180	6.1	< 4.5	219	7.3	9.1	2821	17	30	3.07
	07/30/15	< 1.3	< 0.19	< 0.34	< 0.29	160	< 0.9	< 0.44	15	3.2	< 0.9	178	(4)	(4)	(4)	(4)	(4)	(4)
	08/14/15	< 2.6	< 0.38	< 0.68	< 0.58	89	< 1.8	1.2 J	45	3.2	< 1.8	137	7.16	16.1	2275	15	-51	1.55
	12/1-12/6/16	ON-SITE EXCAVATION																
	01/23/17	< 1.9	< 1	< 0.7	0.19 J	48	< 0.7	< 0.7	4	2.2	< 0.07	54	7.32	12.3	2315	3.2	47	1.76
	04/24/17	< 1.9	< 1	< 0.7	0.3 J	83	< 0.7	< 0.7	2.7	4.9	< 0.07	91	7.33	15.9	2210	27	-92	1.2
	11/12/18	< 7.8	< 4	< 2.8	< 0.68	250	< 2.8	< 2.8	450	120	< 0.28	820	7.2	12.5	2290	4.1	-96	1.01
	02/18/19	< 13	< 1.9	< 3.4	< 2.9	200	< 9.0	9.3 J	420	110	< 9.0	730	5.62	13.5	2.412	62	-84.2	3.37
	04/05/19	< 9.7	< 5	< 3.5	< 0.84	290 D	< 3.5	< 3.5	480 D	130 D	< 0.36	900	7.23	11.9	2451	4.5	-88	1.6
	11/20/19	< 1.9	< 1	< 0.7	0.58	170	1.2 J	< 0.7	180 D	66	< 0.07	418	7.29	13.1	2603	--	-68	1
	04/01/20	< 3.9	< 2	< 1.4	0.73 J D	220 D	1.4 J D	< 1.4	270 D	95 D	< 0.14	587	7.28	12.1	2555	2	-30	1.57
	11/13/20	< 1.9	< 1	< 0.7	0.49 J	150	0.97 J	< 0.7	180 D	73	< 0.07	404	7.41	12.9	2537	4.4	68	1.3
	11/17/20	< 13	< 1.9	< 3.4	< 2.9	180	< 9	< 4.4	320	120	< 9	620	7.73	12.6	2317	67	-139.7	1.43
	04/01/21	< 3.9	< 2	< 1.4	0.45 J D	140 D	< 1.4	< 1.4	220 D	77 D	< 0.14	437	7.31	11.5	2533	9.2	-90	1.8
	04/05/21	< 11	< 1.5	< 2.7	< 2.3	200	< 7.2	< 3.5	310	120	< 7.2	630	7.36	13.8	1979	189	-103.5	0.21
	11/02/21	< 3.9	< 2	< 1.4	0.51 J D	290 D	1.8 D J	< 1.4	110 D	53 D	< 0.14	455	7.2	13.8	2489	--	-125	0.96
	04/05/22	< 3.9	< 2	< 1.4	0.49 J D	210 D	< 1.4	< 1.4	79 D	36 D	0.58 D J	326	7.31	13.6	2479	9.4	-79	2.11
	11/10/22	< 3.9	< 2	< 1.4	0.43 J D	230 D	1.4 J	< 1.4	34 D	14 D	0.94 D J	281	7.15	14.1	2399	7.3	-94	1.2
	04/04/23	< 1.9	< 1	< 0.7	0.46 J	120	0.82 J	< 0.7	50	18	1.5	191	7.2	13.9	2408	7.6	-115	1.39
	11/08/23	< 1.9	< 1	< 0.7	0.34 J-	140	0.8 J	< 0.7	31	8.5	0.72 J	181	7.22	11.3	2442	2.01	-91	1.35
	04/16/24	< 3.9	< 2	< 1.4	0.74 J	250 J	1.4	< 1.4	8.8	6.5 J	6.9	274	7.42	14.39	1980	25.2	-240	0

Table 3
Summary of Pre- and Post-Remedial Groundwater Analytical Results
275 Franklin Street 432 Pearl Street Sites
BCP Site Nos. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter[1]																
		TCL Volatile Organic Compounds (ug/L)											Field Measurements (units as indicated)					
		2-Butanone (MEK)	Carbon Disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Total TCL VOCs	pH (units)	Temperature (oC)	Specific Conductance (uS)	Turbidity	ORP (mV)	DO (ppm)
GWQS[2]		50	--	7	5	5	5	5	5	5	2	--	6.5 - 8.5	--	--	--	--	--
MW-25S	08/18/08	HRC INJECTION																
	10/24/12	< 1.3	< 0.19	0.43 J	< 0.29	2.9	< 0.9	< 0.44	1900	6.6	< 0.9	1910	(4)	(4)	(4)	(4)	(4)	(4)
	04/16/14	IET INJECTION																
	07/30/15	< 5.3	< 0.76	< 1.4	< 1.2	200	< 3.6	< 1.8	300	10	17	527	(4)	(4)	(4)	(4)	(4)	(4)
	03/01/17	<5.3	<0.76	< 1.4	< 1.2	190 F1	< 3.6	< 1.8	56	5.2	36	287	(4)	(4)	(4)	(4)	(4)	(4)
	05/11/17	< 5.3	< 0.76	< 1.4	< 1.2	310	< 3.6	< 1.8	46	5.8	< 3.6	362	(4)	(4)	(4)	(4)	(4)	(4)
	02/18/19	< 26	< 3.8	< 6.8	< 5.8	880	< 18	< 21	1300	210	< 18	2390	5.72	12.9	4.85	2.2	149.7	1.39
	11/17/20	< 11	< 1.5	< 2.7	< 2.3	110	< 7.2	< 3.5	370	32	< 7.2	512	7.73	17.2	3778	60.2	41.2	1.55
	04/05/21	< 11	< 1.5	3.3 J	< 2.3	580	< 7.2	< 3.5	560	25	7.2 J	1176	7.38	12.4	3054	80.8	88.9	0.45
	11/01/21	< 11	< 1.5	< 2.7	< 2.3	290 F1 J	< 7.2	< 3.5	420 F1 J	19	< 7.2	729	7.14	18	4430	-10.9	81.1	1.77
	04/06/22	58 J	< 7.2	< 0.84	< 0.71	300	3.6 J	< 1.2	270	24	3.4 J	659	7.46	15.1	2870	7.4	72.8	1.17
	11/09/22	< 6.5	< 5.8	1.5 J D	0.68 J D	380 D	2.9 J D	< 0.94	260 D	49 D	< 0.83	694	6.89	18.1	2941	13.3	170.9	0.58
	04/06/23	21 J D	< 20	< 8	< 4	210 D	1.5 J D	< 20	220 D	24 D	< 8	477	7.64	11.7	4125	0.25	173.4	1.61
	11/07/23	< 1.7	< 1.6	0.67 J	0.44 J	260	2.4	< 0.18	240	34	0.59 J	538	7.15	17.5	3164	0.11	139	0.86
MW-26S	08/18/08	HRC INJECTION																
	10/24/12	< 1.3	< 0.19	< 0.34	< 0.29	5.4	< 0.9	< 0.44	3100	12	< 0.9	3117	(4)	(4)	(4)	(4)	(4)	(4)
	04/16/14	IET INJECTION																
	07/30/15	< 5.3	< 0.76	< 1.4	< 1.2	3.6 J	< 3.6	1.8	350	3.7 J	< 3.6	357	(4)	(4)	(4)	(4)	(4)	(4)
	03/01/17	< 5.3	< 0.76	< 1.4	< 1.2	110	<3.6	<1.8	4500 D	85	<3.6	4695	(4)	(4)	(4)	(4)	(4)	(4)
	05/11/17	< 110	< 15	< 27	< 23	130	< 72	< 35	4500	76 J	< 72	4706	(4)	(4)	(4)	(4)	(4)	(4)
	02/18/19	< 66	< 9.5	< 17	< 15	140	< 45	< 55	2900	100 J	< 45	3140	5.76	12.7	5.5	1.6	166.6	2.5
	11/17/20	< 13	< 1.9	< 3.2	< 2.9	28	< 9	< 4.4	770 F1	20	< 9	818	7.77	16	3384	5.42	56.8	2.57
	04/05/21	< 26	< 3.8	< 6.8	< 5.8	38	< 18	< 8.8	860	36	< 18	934	7.42	12.7	3457	30.19	102.4	2.19
	11/01/21	< 26	< 3.8	< 6.8	< 5.8	< 16	< 18	< 8.8	920	19 J	< 18	939	7.33	17.1	3603	1.22	84.4	1.88
	04/06/22	110 J	< 14	< 1.7	< 1.4	13	< 1.7	< 2.3	440	17	< 2.1	580	7.46	12.3	2675	4.31	102.1	1.8
	11/09/22	< 16	< 14	< 1.7	< 1.4	13 D	< 1.7	< 2.3	600 D	10 D	< 2.1	623	7.15	16.7	2899	-0.42	110.7	1.59
	04/06/23	< 80	< 20	1.1 J D	< 4	43 D	< 4	< 20	290 D	14 D	< 8	348	7.62	11.5	4837	1.9	210	3.41
	11/07/23	< 17	< 16	< 1.4	< 1.4	43 D	< 1.71	< 1.8	610 D	13 D	< 2.4	666	7.21	16.6	3404	0.99	122.9	2.57
MW-27S	08/18/08	HRC INJECTION																
	10/24/12	< 1.3	< 0.19	0.63 J	< 0.38	< 0.81	< 0.9	< 0.44	1.7	< 0.46	< 0.9	1.7	(4)	(4)	(4)	(4)	(4)	(4)
	04/16/14	IET INJECTION																
	07/30/15	< 1.3	< 0.19	0.36 J	< 0.29	< 0.81	< 0.9	< 0.44	1.4	< 0.46	< 0.9	1.8	(4)	(4)	(4)	(4)	(4)	(4)
	05/11/17	< 1.3	< 0.19	0.47 J	< 0.29	< 0.81	< 0.9	< 0.44	1.7	< 0.46	< 0.9	2.2	(4)	(4)	(4)	(4)	(4)	(4)
	11/17/20	< 1.3	< 0.19	0.62 J	< 0.29	< 0.81	< 0.9	< 0.44	25	0.62 J	< 0.9	26.2	7.85	15.8	3281	13.2	73.1	4.28
	04/05/21	< 1.3	< 0.19	1.4	< 0.29	< 0.81	< 0.90	< 0.44	6.6	< 0.46	< 0.9	8	7.37	12	3155	100.6	123.2	4
	11/01/21	< 1.3	< 0.19	2.7	< 0.29	< 0.81	< 0.90	< 0.44	6.5	< 0.46	< 0.90	9.2	7.25	16.2	2990	-11.1	94.4	3.76
	04/06/22	< 1.6	< 1.4	2.1	< 0.14	< 0.15	< 0.17	< 0.23	5.3	< 0.19	< 0.21	7.4	7.47	11.9	3570	6.9	107.3	5.28
	11/09/22	< 1.6	< 1.4	4.3	< 0.14	< 0.15	< 0.17	< 0.23	6.4	< 0.19	< 0.21	10.7	6.92	16.4	3103	10.2	118.3	3.83
	04/06/23	< 20	< 5	2.4	< 1	< 1	< 1	< 5	4.1	< 1	< 2	6.5	7.53	11.1	5893	0.51	208.6	5.55
	11/7/2023	< 1.7	< 1.6	1.9 J	< 0.14	< 0.14	< 0.14	< 0.18	5.1	< 1	< 0.24	7	7.23	16.2	2969	5.3	131	2.52

Notes:

1. Only those parameters detected above their specific GWQS at a minimum of one sample location are presented. Some additional parameters were detected but not included due to low concentrations and sporadic detection.
2. Groundwater Quality Standard (GWQS) per NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1.
3. Groundwater data for the May 2009, June 2011, October 2012, and July 2015 events obtained from NYSDEC. The additional sampling events were performed by Benchmark.
4. Field parameter results were not provided.
5. BM in consultation with NYSDEC believe MW-23D data collected November 9, 2022 is actually MW-23S data after discrepancy in purge log and depth to bottom measurement.

Definitions:

"<" = not detected above method detection limit shown; "NA" = sample not analyzed for parameter; "--" = no GWQS available; "J" = estimated value, result is less than sample quantitiation limit but greater than MDL; "J+" = analyte positively identified, estimated value biased high; "b" = analyte was detected in method blank, value above action level for consideration as external contamination; "B" = value greater than or equal to the instrument detection limit, but less than quantitation limit; "D" = concentration quantified from a diluted analysis; "NS"= not sampled.

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
Shallow Overburden Wells												
PZ-4	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	01/23/17	< 39	< 20	< 14	< 3.4	**58**	< 14	< 14	**1,000**	**52**	< 1.4	**1,110**
	04/24/17	< 39	< 20	< 14	< 3.4	**52**	< 14	< 14	**1,200**	**44**	< 1.4	**1,296**
PZ-4R	11/12/18	< 19	< 10	< 7	< 1.7	**17 J**	< 7	< 7	**1,400**	**23**	< 0.71	**1,423**
	04/05/19	< 19	< 10	< 7	< 1.7	**38**	< 7	< 7	**1,200 D**	**24 D**	< 0.71	**1,262**
	11/20/19	< 19	< 10	< 7	< 1.7	**21 D J**	< 7	< 7	**1,100 D**	**21 D**	< 0.71	**1,142**
	04/01/20	< 19	< 10	< 7	< 1.7	**29 D**	< 7	< 7	**1,100 D**	**23 D**	< 0.71	**1,152**
	11/13/20	< 39	< 20	< 14	< 3.4	**36 D J**	< 14	< 14	**2,000 D**	**37 D**	< 1.4	**2,073**
	04/01/21	< 19	< 10	< 7	< 1.7	**35 D J**	< 7	< 7	**1,600 D**	**26 D**	< 0.71	**1,661**
	11/02/21	< 19	< 10	< 7	< 1.7	**35 D2**	< 7	< 7	**2,100 D**	**36 D2**	< 0.71	**2,171**
	04/05/22	< 19	< 10	< 7	< 1.7	**37 D**	< 7	< 7	**1,400 D**	**24 D**	< 0.71	**1,461**
	11/10/22	< 19	< 10	< 7	< 1.7	**37 D**	< 7	< 7	**1,600 D**	**37 D**	< 0.71	**1,674**
	04/04/23	< 19	< 10	< 7	< 1.7	**11 J D**	< 7	< 7	**860 D**	**14 D**	< 0.71	**885**
	11/08/23	< 19	< 10	< 7	< 1.7 UJ	**11 J**	< 7	< 7	**1800**	**22**	< 0.71	**1,833**
	04/16/24	< 19	< 10	< 7	< 1.7	**16 J**	< 7	< 7	**1200**	**15 J**	< 0.71	**1,231**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
PZ-5	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	01/24/17	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**880 D**	2.7 J	< 0.71	**883**
	04/24/17	< 19	< 10	< 7	< 1.7	**28**	< 7	< 7	**740**	3.4 J	< 0.71	**771**
	11/12/18	< 7.8	< 4	< 2.8	< 0.68	< 2.8	< 2.8	< 2.8	**340 J**	< 0.7	< 0.28	**340**
	04/05/19	< 3.9	< 2	6.5 D	< 0.34	< 1.4	< 1.4	< 1.4	**160 D**	0.62 J D	< 0.14	**167**
	11/20/19	< 4.8	< 2.5	< 1.8	< 0.42	< 1.8	< 1.8	< 1.8	**220 D**	< 0.44	< 0.18	**220**
	04/01/20	< 1.9	< 1	0.89 J	< 0.17	1.1 J	< 0.7	< 0.7	**280 D**	1.1	< 0.07	**283**
	11/13/20	< 3.9	< 2	2.3 D J	< 0.34	< 1.4	< 1.4	< 1.4	**180 D**	< 0.35	< 0.14	**182**
	04/01/21	< 1.9	< 1	5.2	< 0.17	< 0.7	< 0.7	< 0.7	**160**	< 0.18	< 0.07	**165**
	11/02/21	< 3.9	< 2	2.6 D J	< 0.34	3.2 D J	< 1.4	< 1.4	**400 D**	2.2 D	< 0.14	**408**
	04/05/22	< 1.9	< 1	3.6	< 0.17	< 0.7	< 0.7	< 0.7	**190**	0.21 J	< 0.07	**194**
	11/10/22	< 3.9	< 2	1.4 D	< 0.34	< 1.4	< 1.4	< 1.4	**260 D**	< 0.35	< 0.14	**261**
	04/04/23	< 3.9	< 2	< 1.4	< 0.34	< 1.4	< 1.4	< 1.4	**210 D**	< 0.35	< 0.14	**210**
	11/08/23	< 3.9	< 2	< 1.4	< 0.34 UJ	< 1.4	< 1.4	< 1.4	**190**	0.3 J	< 0.14	**190**
	04/16/24	< 3.9	< 2	< 1.4	< 0.34 UJ	< 1.4 UJ	< 1.4	< 1.4	**170**	< 0.35 UJ	< 0.14	**170**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		50	--	7	5	5	5	5	5	5	2	--
PZ-6	12/1-12/6/16	ON-SITE EXCAVATION										
	01/23/17	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**500**	**8.2**	< 0.71	**508**
	04/24/17	< 1.9	< 1	< 0.7	< 0.17	**5.8**	< 0.7	< 0.7	**46**	1.3	< 0.07	**53**
	11/12/18	< 4.8	< 2.5	< 1.8	< 0.42	2.4 J	< 1.8	< 1.8	**250**	2.7	< 0.18	**255**
	04/05/19	< 1.9	< 1.0	2.4 J	< 0.17	1.5 J	< 0.7	< 0.7	**200**	2.7	< 0.07	**207**
	11/20/19	< 3.9	< 2.0	< 1.8	< 0.42	2.1 D J	< 1.8	< 1.8	**170 D**	1.8 D	< 0.18	**174**
	04/01/20	< 1.9	< 1.0	1.2 J	< 0.17	1.3 J	< 0.7	< 0.7	**190 D**	2.2	< 0.07	**195**
	11/13/20	< 3.9	< 2.0	1.6 D J	< 0.34	< 1.4	< 1.4	< 1.4	**210 D**	1.7 D	< 0.14	**213**
	04/01/21	< 1.9	< 1.0	4.8	< 0.17	< 0.7	< 0.7	< 0.7	**66**	0.31 J	< 0.07	**71**
	11/02/21	< 3.9	< 2.0	2.8 D J	< 0.34	1.4 D J	< 1.4	< 1.4	**280 D**	2.2 D	< 0.14	**286**
	04/05/22	< 1.9	< 1.0	2.2 J	< 0.17	< 0.7	< 0.7	< 0.7	**190**	0.97	< 0.07	**193**
	11/10/22	< 4.8	< 2.5	< 1.8	< 0.42	< 1.8	< 1.8	< 1.8	**360 D**	2.9 D	< 0.18	**363**
	04/04/23	< 1.9	< 1.0	0.97 J	< 0.17	< 0.7	< 0.7	< 0.7	**170**	0.76	< 0.07	**172**
	11/08/23	< 1.9	< 1.0	< 1.4	< 0.17	< 0.7	< 0.7	< 0.7	**170**	0.6 J	< 0.07	**171**
	04/16/24	< 1.9	< 1	< 0.7	< 0.34 UJ	< 0.7 UJ	< 0.7	< 0.7	**120**	0.44 J	< 0.07	**120**
PZ-11	12/1-12/6/16	ON-SITE EXCAVATION										
	01/24/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	**5,500**	< 18	< 7.1	**5,500**
	04/24/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	**5,600**	< 18	< 7.1	**5,600**
	11/12/18	< 19	< 10	< 7	< 1.7	**18 J**	< 7	< 7	**1,300**	**14**	< 0.71	**1,332**
	04/05/19	< 78	< 40	< 28	< 6.8	< 28	< 28	< 28	**4,100 D**	**21 D**	< 2.8	**4,121**
	11/20/19	< 4.8	< 2.5	< 1.8	< 0.42	**7.7 D**	< 1.8	< 1.8	**440 D**	4 D	< 0.18	**452**
	04/01/20	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**1,000 D**	2.5 J D	< 0.71	**1,003**
	11/13/20	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	**3,000 D**	**6.6 J D**	< 1.4	**3,007**
	04/01/21	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	**2,400 D**	**7.3 J D**	< 1.4	**2,407**
	11/02/21	< 3.9	< 2.0	2.6 D J	< 0.34	< 1.4	< 1.4	< 1.4	**350 D**	0.96 J D	< 1.4	**354**
	04/05/22	< 19	< 10	< 7	< 1.7	**7.5 J D**	< 7	< 7	**1,500 D**	**9.2 D**	< 0.71	**1,517**
	11/10/22	< 19	< 10	< 7	< 1.7	**7.5 J D**	< 7	< 7	**800 D**	**5.2 D**	< 0.71	**813**
	04/04/23	< 19	< 10	< 7	< 1.7	**11 J D**	< 7	< 7	**1,200 D**	**5.3 D**	< 0.71	**1,216**
	11/08/23	< 19	< 10	< 7	< 1.7 UJ	< 14	< 7	< 7	**1900**	3.7 J	< 0.71	**1,904**
	04/16/24	< 19	< 2.5 UJ	< 1.8	< 1.7 UJ	< 1.8	< 1.8	1.8 UJ	**440**	1.2	< 0.18 UJ	**441**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		50	--	7	5	5	5	5	5	5	2	--
PZ-12	12/1-12/6/16	ON-SITE EXCAVATION										
	01/24/17	< 48	< 25	< 18	< 4.2	**26 J**	< 18	< 18	**2,500**	**8.8 J**	< 1.8	**2,535**
	04/24/17	< 39	< 20	< 14	< 3.4	**14 J**	< 14	< 14	**1,900**	**7.8 J**	< 1.4	**1,922**
	11/12/18	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**830 J**	< 1.8	< 0.71	**830**
	04/05/19	< 3.9	< 2	**9 D**	< 0.34	3.2 J D	< 1.4	< 1.4	**250 D**	0.91 J D	< 0.14	**263**
	11/20/19	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	**3,600 D**	**7.9 J D**	< 1.4	**3,608**
	04/01/20	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**1,000 D**	3.3 J D	< 0.71	**1,003**
	11/13/20	< 1.9	< 1	1.4 J	< 0.17	< 0.7	< 0.7	< 0.7	**130**	0.68	< 0.07	**132**
	04/01/21	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**1,100 D2**	2.4 J D	< 0.36	**1,102**
	11/02/21	< 4.8	< 2.5	2.2 J D	< 0.42	**5.5 J D**	< 1.8	< 1.8	**410 D**	3.4 D	< 0.18	**421**
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**500 D**	2.6 D	< 0.36	**503**
	11/10/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**680 D**	2.2 J D	< 0.36	**682**
	04/04/23	< 48	< 25	< 18	< 4.2	< 18	< 18	< 18	**2,800 D**	**7.5 J D**	< 1.8	**2,808**
	11/08/23	< 48	< 25	0.82 J	< 4.2 UJ	< 18	< 18	< 18	**150**	0.77	< 1.8	**152**
	04/16/24	< 1.9	< 1	< 0.7	< 1.7 UJ	< 0.7 UJ	< 0.7	< 0.7	**160**	0.53 J	< 0.07	**161**
PZ-13	12/1-12/6/16	ON-SITE EXCAVATION										
	01/24/17	< 3.9	< 2	< 1.4	< 0.34	**50**	**5.0**	< 1.4	**79**	**19**	**18**	**171**
	04/24/17	< 19	< 10	< 7	< 1.7	**500**	**10 J**	< 7	**14**	**20**	**110**	**654**
	11/12/18	< 1.9	< 1	< 0.7	< 0.17	< 0.7	0.73 J	< 0.7	**16**	3.6	**32**	**52**
	04/05/19	< 3.9	< 2	< 1.4	1.8 J D	**280 D**	1.8 J D	< 1.4	**93 D**	**76 D**	**53 D**	**506**
	11/20/19	< 1.9	< 1	< 0.7	0.23 J	**52**	**6.6**	< 0.70	**13**	**14**	**38**	**124**
	04/01/20	< 1.9	< 1	< 0.7	< 0.17	**44**	1.5 J	< 7	**21**	**9.6**	**8.9**	**85**
	11/13/20	< 1.9	< 1	< 0.7	< 0.17	**45**	0.75 J	< 0.7	**30**	**7.2**	**4.9**	**88**
	04/01/21	< 1.9	< 1	< 0.7	< 0.17	**28**	1.2 J	< 0.7	**25**	**9.7**	**3.9**	**68**
	11/02/21	< 1.9	< 1	< 0.7	< 0.17	**72**	2.3 J	< 0.7	**43**	**9.7**	**10**	**137**
	04/05/22	< 1.9	< 1	< 0.7	< 0.17	**70**	1.7 J	< 0.7	**12**	**10**	**4.3**	**98**
	11/10/22	< 1.9	< 1	< 0.7	< 0.17	**47**	**15**	< 0.7	**72**	**17**	**18**	**169**
	04/04/23	< 1.9	< 1	< 0.7	< 0.17	**17**	2.2 J	< 0.7	**41**	**11**	**3.7 J+**	**75**
	11/08/23	< 1.9	< 1	< 0.7	< 0.17 UJ	**33**	**12**	< 0.7	**170**	**12**	**7.6 J**	**235**
	04/16/24	< 1.9	< 1	< 0.7	< 1.7	**40 J**	**9.7**	0.7 J	**100**	**17 J**	**3.6**	**171**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		50	--	7	5	5	5	5	5	5	2	--
PZ-14	12/1-12/6/16	ON-SITE EXCAVATION										
	01/24/17	< 1.9	< 1	< 0.7	0.34 J	**290 D**	**14**	< 0.7	4.8	**12**	**130**	**451**
	04/24/17	< 7.8	< 4	< 2.8	0.68 J	**180**	**8.5 J**	< 2.8	4.7	**140**	**140**	**473**
	11/12/18	< 1.9	< 1	< 0.7	< 0.17	**50**	1.8 J	< 0.7	**32**	**9.8**	**20**	**114**
	04/05/19	< 3.9	< 2	< 1.4	0.5 J D	**170 D**	4.2 J D	< 1.4	**150 D**	**32 D**	**30 D J**	**387**
	11/20/19	< 1.9	< 1	0.71 J	0.34 J	**100**	4.2	< 0.70	**33**	**12**	**35**	**185**
	04/01/20	< 4.8	< 2.5	< 1.8	0.74 J D	**340 D**	**5.4 J D**	< 1.8	**98 D**	**28 D**	**24 D**	**496**
	11/13/20	< 9.7	< 5	< 3.5	1.1 J D	**580 D**	**10 J D**	< 3.5	**110 D**	**29 D**	**82 D**	**812**
	04/01/21	< 1.9	< 1	< 0.7	0.36 J	**150**	2.1 J	< 0.7	**170**	**38**	**6.3**	**367**
	11/02/21	< 3.9	< 2	< 1.4	0.79 J D	**390 D**	4.9 J D	< 1.4	**190 D**	**29 D**	**35 D**	**650**
	04/05/22	< 3.9	< 2	< 1.4	0.4 J D	**130 D**	3 J D	< 1.4	**200 D**	**20 D**	**8 D**	**361**
	11/10/22	< 7.8	< 4	< 2.8	< 0.68	**320 D**	3.1 J D	< 2.8	**470 D**	**35 D**	**9.6 D**	**838**
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	**180 D**	< 3.5	< 3.5	**550 D**	**24 D**	1.4 J D	**755**
	11/08/23	< 9.7	< 5	< 3.5	1.1 J-	**650**	**5.3 J**	< 3.5	**540**	**34**	**8.2**	**1,239**
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	**370 J**	< 3.5	< 3.5	**560**	**27 J**	**6.2**	**963**
MW-5R	12/1-12/6/16	ON-SITE EXCAVATION										
	01/23/17	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	**990**	**20**	< 1.4	**1,010**
	04/24/17	< 97	< 50	< 35	< 8.4	**160**	< 35	< 35	**3,600**	**55**	< 3.6	**3,815**
	11/12/18	< 19	< 10	< 7	< 1.7	**270**	< 7	< 7	**740**	**150**	< 0.71	**1,160**
	04/05/19	< 39	< 20	< 14	< 3.4	**270 D**	< 14	< 14	**1,900 D**	**300 D**	< 1.4	**2,470**
	11/20/19	< 7.8	< 4	< 2.8	< 0.68	**160 D**	< 2.8	< 2.8	**380 D**	**120 D**	< 0.28	**660**
	04/01/20	< 19	< 10	< 7	< 1.7	**170 D**	< 7	< 7	**980 D**	**180 D**	< 0.71	**1,330**
	11/13/20	< 9.7	< 5	< 3.5	< 0.84	**380 D**	**9.5 J D**	< 3.5	**460 D**	**140 D**	< 0.36	**990**
	04/01/21	< 9.7	< 5	< 3.5	< 0.84	**280 D**	**5.1 J D**	< 3.5	**1,000 D**	**210 D**	< 0.36	**1,495**
	11/02/21	< 9.7	< 5	< 3.5	< 0.84	**360 D**	4.9 J D	< 3.5	**750 D**	**150 D**	< 0.36	**1,265**
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	**230 D**	< 3.5	< 3.5	**790 D**	**180 D**	< 0.36	**1,200**
	11/10/22	< 7.8	< 4	< 2.8	< 0.68	**160 D**	< 2.8	< 2.8	**580 D**	**65 D**	< 0.28	**805**
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	**200 D**	< 3.5	< 3.5	**710 D**	**140 D**	< 0.36	**1,050**
	11/08/23	< 9.7	< 5	< 3.5	< 0.84	**300 D**	3.6 DJ	< 3.5	**790 D**	**130 D**	< 0.36	**1,224**
	04/16/24	< 3.9	< 2	< 1.4	< 1.4	**69**	1.5 J	< 1.4	**190**	**38**	< 0.14	**299**
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	**210 J**	4.6 J	< 3.5	**570**	**120 J**	< 0.36	**905**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
Off-Site NYSDEC Wells (S = shallow, D = deep) [3]												
MW-21S Decommissioned 2018	**08/18/08**	**HRC INJECTION**										
	05/28/09	< 5	< 1	0.75 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**
	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	<5.0	< 5	< 5	< 5	**0**
MW-21D Decommissioned 2018	**08/18/08**	**HRC INJECTION**										
	05/28/09	< 5	< 1	1.4 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**
	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**
MW-22S Decommissioned 2018	**08/18/08**	**HRC INJECTION**										
	05/28/09	< 5	< 1	< 1	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**
	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**
MW-22D Decommissioned 2018	**08/18/08**	**HRC INJECTION**										
	05/28/09	< 5	< 1	0.92 J	<1.0	< 1	< 1	< 1	< 1	< 1	< 1	**0**
	06/07/11	< 10	< 5	< 5	<5.0	< 5	< 5	< 5	< 5	< 5	< 5	**0**
MW-23S	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	01/23/17	< 19	< 10	< 7	< 1.7	**7.1 J**	< 7	< 7	**470**	**10**	< 0.71	**487**
	04/24/17	< 19	< 10	< 7	< 1.7	**26**	< 7	< 7	**660**	**15**	< 0.71	**701**
	11/12/18	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**590**	3	< 0.36	**593**
	04/05/19	< 4.8	< 2.5	2.1 J D	< 0.42	< 1.8	< 1.8	< 1.8	**310 D**	1.1 J D	< 0.18	**313**
	11/20/19	< 4.8	< 2.5	2.4 J D	< 0.42	**5.4 J**	< 1.8	< 1.8	**230 D**	1.2 D	< 0.18	**239**
	04/01/20	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**820 D**	3.5 D	< 0.36	**824**
	11/13/20	< 3.9	< 2	< 1.4	< 0.34	1.6 J D	< 1.4	< 1.4	**330 D**	1.7 D	< 0.14	**333**
	04/01/21	< 3.9	< 2	1.5 J D	< 0.34	1.9 J D	< 1.4	< 1.4	**340 D**	2.7 D	< 0.14	**346**
	11/02/21	< 19	< 10	< 7	< 1.7	< 7	< 7	< 7	**990 D**	4.6 D J	< 0.71	**995**
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**700 D**	3.5 D	< 0.36	**704**
	11/10/22	< 9.7	< 5	< 3.5	< 0.84	4 J D	< 3.5	< 3.5	**870 D**	2.8 D	< 0.36	**877**
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**590 D**	2.7 D	**10 D**	**603**
	11/08/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**570**	1.4 J	< 0.36	**571**
	04/16/24	< 9.7	< 5	< 3.5	< 0.84	< 3.5 UJ	< 3.5	< 3.5	**620**	2.3 J	< 0.36	**622**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
MW-23D [5]	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	11/17/20	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.9	< 0.44	1.4	< 0.46	< 0.9	**1.4**
	04/05/21	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.90	< 0.44	1.6	< 0.46	< 0.90	**1.6**
	11/01/21	< 1.3	< 0.19	< 0.34	< 0.29	< 0.81	< 0.90	< 0.44	1.2	< 0.46	< 0.90	**1.2**
	04/06/22	< 1.6	< 1.4	0.3 J	< 0.14	< 0.15	< 0.17	< 0.23	0.72 J	< 0.19	< 0.21	**1.02**
	11/09/22	14 J D	< 7.2	1.8 J D	< 0.71	2.8 J D	< 0.84	< 1.2	**500 D**	< 49	< 1	**518.6**
	04/06/23	< 20	< 5	0.31 J	< 1	< 1	< 1	< 5	0.7 J	< 1	< 2	**1.01**
	11/07/23	< 1.7	< 1.6	0.34 J	< 0.14	0.14 J	< 0.17	< 0.18	0.47 J	< 0.17	< 0.24	**0.81 J**
MW-24S	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	01/23/17	< 190	< 100	< 70	< 17	< 70	< 70	< 70	**9,000**	**35 J**	< 7.1	**9,035**
	04/24/17	< 390	< 200	< 140	< 34	< 140	< 140	< 140	**9,300**	< 35	< 14	**9,300**
	11/12/18	< 39	< 20	< 14	< 3.4	< 14	< 14	< 14	**3,900**	**5.7 J**	< 1.4	**3,906**
	04/05/19	< 19	< 10	**25 D**	< 1.7	**66 D**	< 7	< 7	**890 D2**	**29 D**	< 0.71	**1,010**
	11/20/19	< 19	< 10	**7.6 J D**	< 1.7	< 7	< 7	< 7	**1,100 D**	< 1.8	< 0.71	**1,108**
	04/01/20	< 19	< 10	**10 J D**	< 1.7	**15 J D**	< 7	< 7	**990 D**	3.8 J D	< 0.71	**1,019**
	11/13/20	< 19	< 10	< 7	< 1.7	**12 J D2**	< 7	< 7	**2,000 D**	**13 D2**	< 0.71	**2,025**
	04/01/21	< 78	< 40	< 28	< 6.8	**33 J D**	< 28	< 28	**6,100 D**	**15 J D**	< 2.8	**6,148**
	11/02/21	< 19	< 10	< 7	< 1.7	**7.6 J D2**	< 7	< 7	**3,500 D**	**6 D2**	< 0.71	**3,514**
	04/05/22	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**820 D**	1.2 J D	< 0.36	**821**
	11/10/22	< 78	< 40	< 28	< 6.8	**45 J D**	< 28	< 28	**4,200 D**	< 7.0	< 2.8	**4,245**
	04/04/23	< 9.7	< 5	< 3.5	< 0.84	< 3.5	< 3.5	< 3.5	**640 D**	1.6 J D	< 0.36	**642**
	11/08/23	< 9.7	< 5	< 3.5	< 0.84 UJ	**98**	< 3.5	< 3.5	**1200 J**	**25**	< 0.36	**1,323**
	04/16/24	< 78	< 40	< 28	< 6.8	< 28	< 28	**< 28**	**4,200**	< 7.0	< 2.8	**4200**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		50	--	7	5	5	5	5	5	5	2	--
MW-24D	12/1-12/6/16	ON-SITE EXCAVATION										
	01/23/17	< 1.9	< 1	< 0.7	0.19 J	**48**	< 0.7	< 0.7	4.0	2.2	< 0.07	**54**
	04/24/17	< 1.9	< 1	< 0.7	0.3 J	**83**	< 0.7	< 0.7	2.7	4.9	< 0.07	**91**
	11/12/18	< 7.8	< 4	< 2.8	< 0.68	**250**	< 2.8	< 2.8	**450**	**120**	< 0.28	**820**
	02/18/19	< 13	< 1.9	< 3.4	< 2.9	**200**	< 9.0	**9.3 J**	**420**	**110**	< 9.0	**730**
	04/05/19	< 9.7	< 5	< 3.5	< 0.84	**290 D**	< 3.5	< 3.5	**480 D**	**130 D**	< 0.36	**900**
	11/20/19	< 1.9	< 1	< 0.7	0.58	**170**	1.2 J	< 0.7	**180 D**	**66**	< 0.07	**418**
	04/01/20	< 3.9	< 2	< 1.4	0.73 J D	**220 D**	1.4 J D	< 1.4	**270 D**	**95 D**	< 0.14	**587**
	11/13/20	< 1.9	< 1	< 0.7	0.49 J	**150**	0.97 J	< 0.7	**180 D**	**73**	< 0.07	**404**
	11/17/20	< 13	< 1.9	< 3.4	< 2.9	**180**	< 9	< 4.4	**320**	**120**	< 9	**620**
	04/01/21	< 3.9	< 2	< 1.4	0.45 J D	**140 D**	< 1.4	< 1.4	**220 D**	**77 D**	< 0.14	**437**
	04/05/21	< 11	< 1.5	< 2.7	< 2.3	**200**	< 7.2	< 3.5	**310**	**120**	< 7.2	**630**
	11/02/21	< 3.9	< 2	< 1.4	0.51 J D	**290 D**	1.8 J D	< 1.4	**110 D**	**53 D**	< 0.14	**455**
	04/05/22	< 3.9	< 2	< 1.4	0.49 J D	**210 D**	< 1.4	< 1.4	**79 D**	**36 D**	0.58 D J	**326**
	11/10/22	< 3.9	< 2	< 1.4	0.43 J D	**230 D**	1.4 J D	< 1.4	**34 D**	**14 D**	0.94 D J	**281**
	04/04/23	< 1.9	< 1	< 0.7	0.46 J	**120**	0.82 J	< 0.7	**50**	**18**	1.5	**191**
	11/08/23	< 1.9	< 1	< 0.7	0.34 J-	**140**	0.8 J	< 0.7	**31**	**8.5**	0.72 J	**181**
	04/16/24	< 3.9	< 2	< 1.4	0.74 J	**250 J**	1.4 J	< 1.4	**8.8**	**6.5 J**	**6.9**	**274**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
MW-25S	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	03/01/17	<5.3	<0.76	< 1.4	< 1.2	**190 F1**	< 3.6	< 1.8	**56**	**5.2**	**36**	**287**
	05/11/17	< 5.3	< 0.76	< 1.4	< 1.2	**310**	< 3.6	< 1.8	**46**	**5.8**	< 3.6	**362**
	02/18/19	< 26	< 3.8	< 6.8	< 5.8	**880**	< 18	< 21	**1300**	**210**	< 18	**2390**
	11/17/20	< 11	< 1.5	< 2.7	< 2.3	**110**	< 7.2	< 3.5	**370**	**32**	< 7.2	**512**
	04/05/21	< 11	< 1.5	3.3 J	< 2.3	**580**	< 7.2	< 3.5	**560**	**25**	7.2 J	**1,176**
	11/01/21	< 11	< 1.5	< 2.7	< 2.3	**290 F1 J**	< 7.2	< 3.5	**420 F1 J**	**19**	< 7.2	**729**
	04/06/22	**58 J**	< 7.2	< 0.84	< 0.71	**300**	3.6 J	< 1.2	**270**	**24**	**3.4 J**	**659**
	11/09/22	< 6.5	< 5.8	1.5 J D	0.68 J D	**380 D**	2.9 J D	< 0.94	**260 D**	**49 D**	< 0.83	**694**
	04/06/23	21 J D	< 20	< 8	< 4	**210 D**	1.5 J D	< 20	**220 D**	**24 D**	< 8	**477**
	11/07/23	< 1.7	< 1.6	0.67 J	0.44 J	**260**	2.4	< 0.18	**240**	**34**	0.59 J	**538**
MW-26S	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	03/01/17	< 5.3	< 0.76	< 1.4	< 1.2	**110**	<3.6	<1.8	**4500 D**	**85**	<3.6	**4,695**
	05/11/17	< 110	< 15	< 27	< 23	**130**	< 72	< 35	**4500**	**76 J**	< 72	**4,706**
	02/18/19	< 66	< 9.5	< 17	< 15	**140**	< 45	< 55	**2900**	**100 J**	< 45	**3,140**
	11/17/20	< 13	< 1.9	< 3.2	< 2.9	**28**	< 9	< 4.4	**770 F1**	**20**	< 9	**818**
	04/05/21	< 26	< 3.8	< 6.8	< 5.8	**38**	< 18	< 8.8	**860**	**36**	< 18	**934**
	11/01/21	< 26	< 3.8	< 6.8	< 5.8	< 16	< 18	< 8.8	**920**	**19 J**	< 18	**939**
	04/06/22	**110 J**	< 14	< 1.7	< 1.4	**13**	< 1.7	< 2.3	**440**	**17**	< 2.1	**580**
	11/09/22	< 16	< 14	< 1.7	< 1.4	**13 D**	< 1.7	< 2.3	**600 D**	**10 D**	< 2.1	**623**
	04/06/23	< 80	< 20	1.1 J D	< 4	**43 D**	< 4	< 20	**290 D**	**14 D**	< 8	**348**
	11/07/23	< 17	< 16	< 1.4	< 1.4	**43 D**	< 1.7	< 1.8	**610 D**	**13 D**	< 2.4	**666**

Table 4
Summary of Post-Excavation Groundwater Analytical Results
275 Franklin 432 Pearl Street Sites
BCP Sites No. C915208 C915237
Buffalo, NY

Monitoring Location & Sample Date		Parameter [1]										
		TCL Volatile Organic Compounds (ug/L)										
		2-Butanone (MEK)	Carbon disulfide	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene	Vinyl chloride	*Total TCL cVOCs*
GWQS [2]		**50**	**--**	**7**	**5**	**5**	**5**	**5**	**5**	**5**	**2**	--
MW-27S	**12/1-12/6/16**	**ON-SITE EXCAVATION**										
	05/11/17	< 1.3	< 0.19	0.47 J	< 0.29	< 0.81	< 0.9	< 0.44	1.7	< 0.46	< 0.9	**2.2**
	11/17/20	< 1.3	< 0.19	0.62 J	< 0.29	< 0.81	< 0.9	< 0.44	**25**	0.62 J	< 0.9	**26.2**
	04/05/21	< 1.3	< 0.19	1.4	< 0.29	< 0.81	< 0.90	< 0.44	**6.6**	< 0.46	< 0.9	**8.0**
	11/01/21	< 1.3	< 0.19	2.7	< 0.29	< 0.81	< 0.90	< 0.44	**6.5**	< 0.46	< 0.9	**9.2**
	04/06/22	< 1.6	< 1.4	2.1	< 0.14	< 0.15	< 0.17	< 0.23	**5.3**	< 0.19	< 0.21	**7.4**
	11/09/22	< 1.6	< 1.4	4.3	< 0.14	< 0.15	< 0.17	< 0.23	**6.4**	< 0.19	< 0.21	**10.7**
	04/06/23	< 20	< 5	2.4	< 1	< 1	< 1	< 5	4.1	< 1	< 2	**6.5**
	11/07/23	< 1.7	< 1.6	1.9 J	< 0.14	< 0.14	< 0.14	< 0.18	**5.1**	< 1	< 0.24	**7**

Notes:

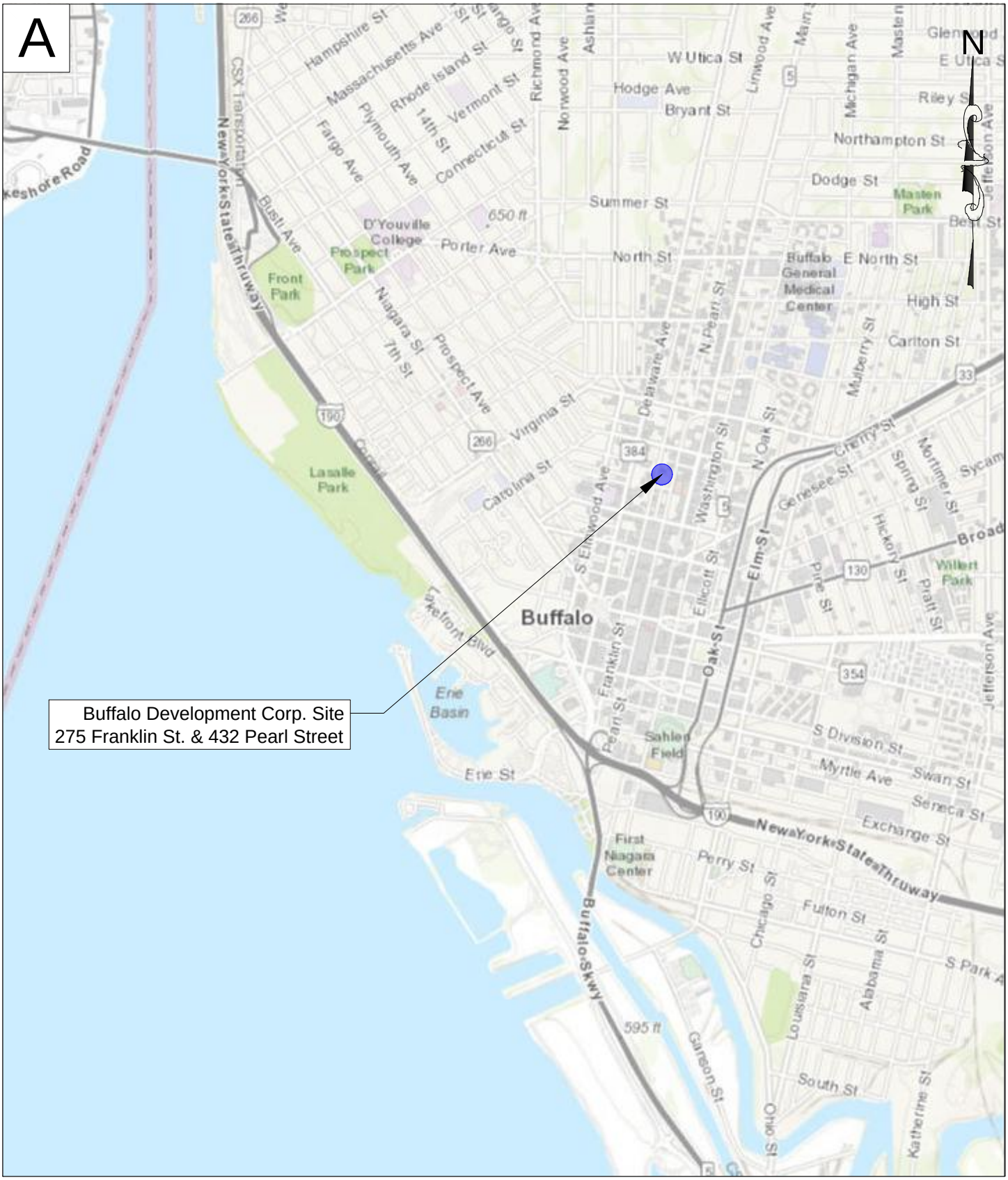
1. Only those parameters detected above their specific GWQS at a minimum of one sample location are presented. Some additional parameters were detected but not included due to low concentrations and sporadic detection.
2. Groundwater Quality Standard (GWQS) per NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1.
3. Groundwater data for off-site wells MW-23D, MW-25S, -26S, and -27S were obtained from NYSDEC.
4. Field parameter results were not provided by the NYSDEC.
5. BM in consultation with NYSDEC believe MW-23D data collected November 9, 2022 is actually MW-23S data after discrepancy in purge log and depth to bottom measurement.
6. Field duplicate sample recorded.

Definitions:

< 0.19 = Parameter not detected above laboratory method detection limit.
NA = Sample not analyzed for parameter.
"--" = No groundwater quality standard available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
J+ = the analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
b = Analyte was detected in the associated blank as well as in the sample. Value is above the action level for consideration as being external contamination.
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
D = Concentration of analyte was quantified from a diluted analysis. Numerical value indicates level of dilution completed.
F1 = MS and/or MSD recovery exceeds control limits.
NS = Not sampled due to car parked over well; several attempts to sample were made over a 2-week period.

Result exceeds Groundwater Quality Standard (GWQS) per NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1

Figures



INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

SITE LOCATION AND VICINITY MAP
BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

Figure 1

DRAWING NUMBER
2024 PRR

DRAWING BY	CB
CHECKED	
APPROVED	

PROPERTY OF INVENTUM ENGINEERING
IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY PARTNERS, FINANCIAL INSTITUTIONS, SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING.

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF STATE LAW FOR ANY PERSONS, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

LEGEND:

- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- PARCEL LINE
- FENCE
- MW-1 — DEEP (1) / INTERMEDIATE (2) MONITORING WELL
- MW-23S — OFF-SITE SHALLOW MONITORING WELL (5)
- MW-22S — OFF-SITE SHALLOW MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-23D — OFF-SITE DEEP MONITORING WELL (2)
- MW-22D — OFF-SITE DEEP MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-5R — SHALLOW MONITORING WELL
- PZ-4 — SHALLOW PIEZOMETER



B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MAY BE RETURNED AT ANY TIME. ALL INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS FURNISHED, NOR USED BY SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SITE MAP
BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

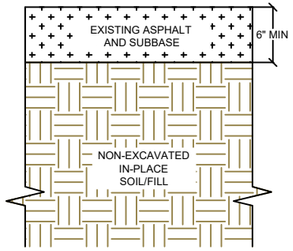
INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 2

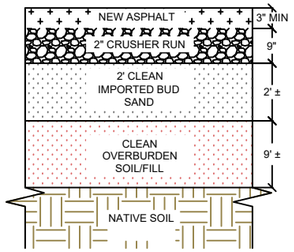
DRAWING NUMBER
2024 PRR

LEGEND:

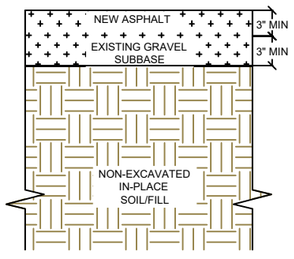
- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- SEE COVER SYSTEM DETAIL 1
- SEE COVER SYSTEM DETAIL 2 (REMEDIAL EXCAVATION AREA)
- SEE COVER SYSTEM DETAIL 3 (NEW ASPHALT AREA)
- PARCEL LINE



COVER DETAIL 1



COVER DETAIL 2



COVER DETAIL 3

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)





B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MUST BE RETURNED UPON REQUEST. ALL INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, WITHOUT THE CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SITE WIDE COVER SYSTEM
BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

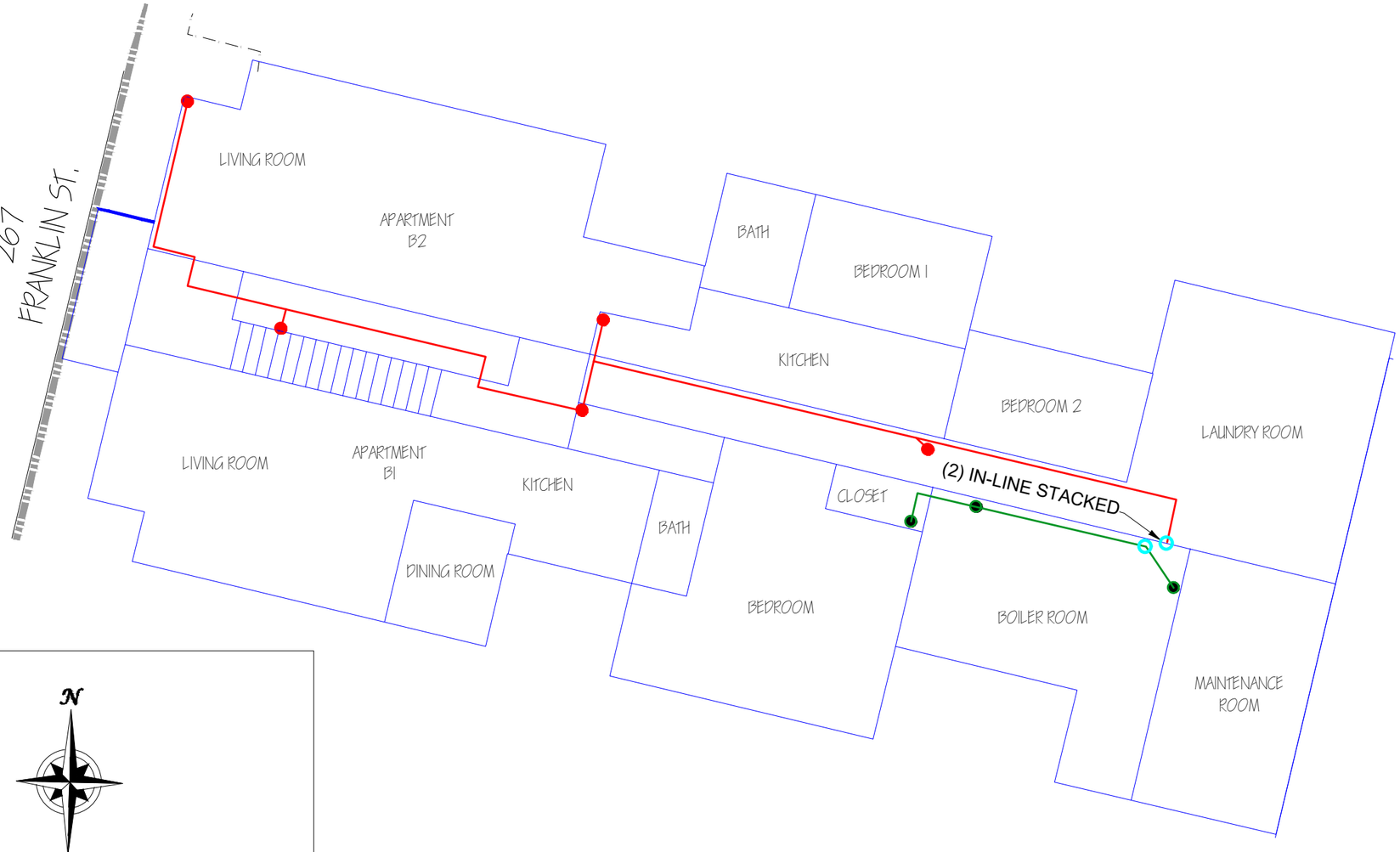
FIGURE 3

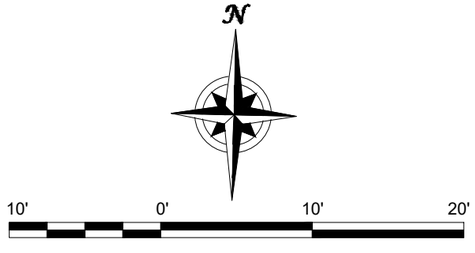
DRAWING NUMBER
2024 PRR

LEGEND:

- 267 FRANKLIN STREET APARTMENT BUILDING (432 PEARL STREET BCP SITE)
- ASD SYSTEM 1 (5 SUBSLAB SUCTION POINTS): RP-265 Series Centrifugal In-Line Fans (2)
- ASD SYSTEM 2 (3 SUBSLAB SUCTION POINTS): GP-501 Series Centrifugal In-Line Fan (1)
- RADONAWAY IN-LINE FAN (3)

NOTES:
1. THIS FIGURE WAS DERIVED FROM THE MALCOLM PIRNIE IMMEDIATE INVESTIGATION WORK ASSIGNMENT SUMMARY REPORT DATED DECEMBER 2009.





SCALE: 1 INCH = 10 FEET
SCALE IN FEET
(approximate)

B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MAY BE RECALLED AT ANY TIME. ALL OF THE INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, INCLUDING SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

ASD SYSTEM LAYOUT
BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

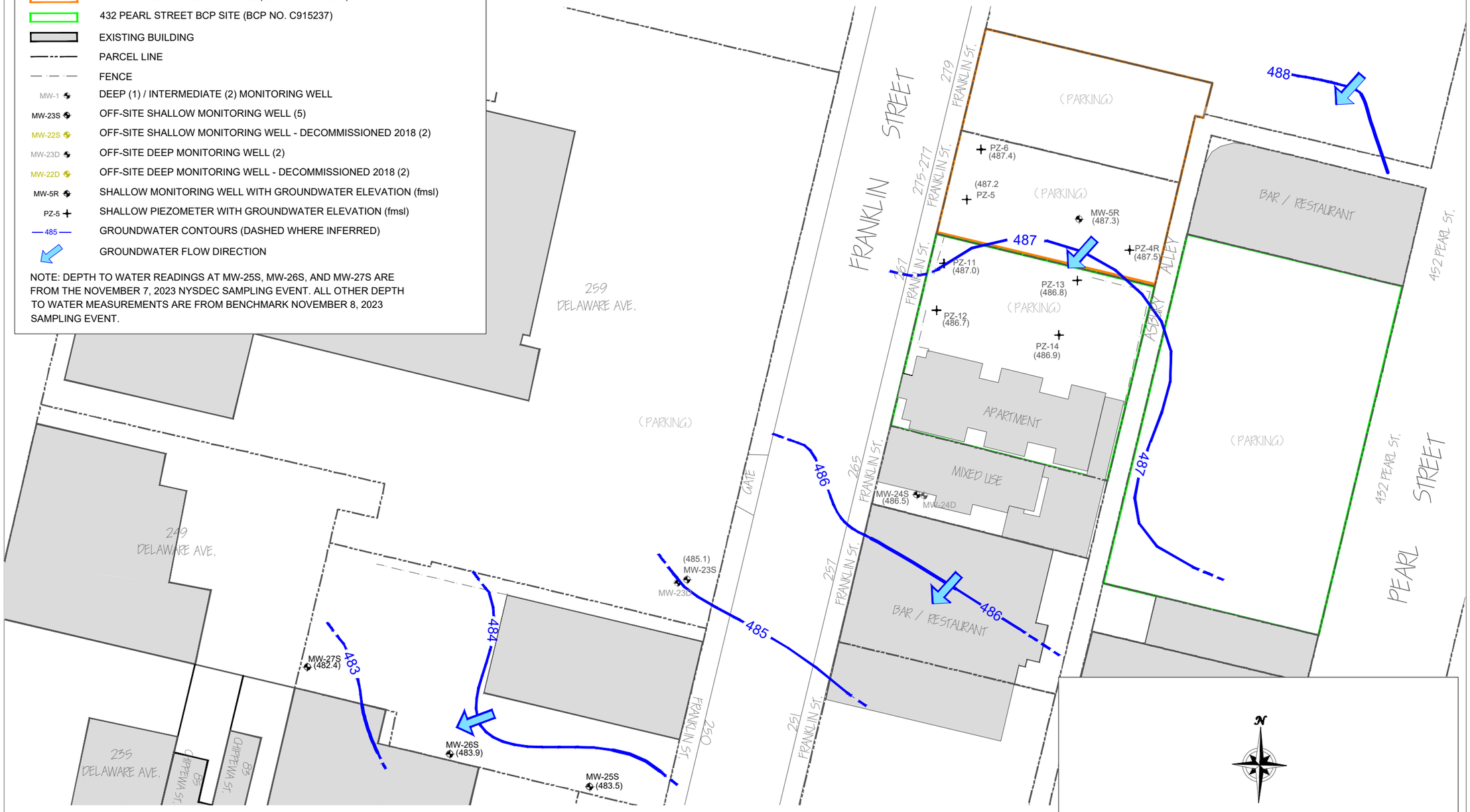
FIGURE 4

DRAWING NUMBER
2024 PRR

LEGEND:

- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- PARCEL LINE
- FENCE
- MW-1 — DEEP (1) / INTERMEDIATE (2) MONITORING WELL
- MW-23S — OFF-SITE SHALLOW MONITORING WELL (5)
- MW-22S — OFF-SITE SHALLOW MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-23D — OFF-SITE DEEP MONITORING WELL (2)
- MW-22D — OFF-SITE DEEP MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-5R — SHALLOW MONITORING WELL WITH GROUNDWATER ELEVATION (fmsl)
- PZ-5 — SHALLOW PIEZOMETER WITH GROUNDWATER ELEVATION (fmsl)
- 485 — GROUNDWATER CONTOURS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTE: DEPTH TO WATER READINGS AT MW-25S, MW-26S, AND MW-27S ARE FROM THE NOVEMBER 7, 2023 NYSDEC SAMPLING EVENT. ALL OTHER DEPTH TO WATER MEASUREMENTS ARE FROM BENCHMARK NOVEMBER 8, 2023 SAMPLING EVENT.



50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MUST BE RETURNED ON DEMAND. ALL INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, INCLUDING SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SHALLOW OVERBURDEN GROUNDWATER ISOPOTENTIAL MAP (11/08/23)

BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

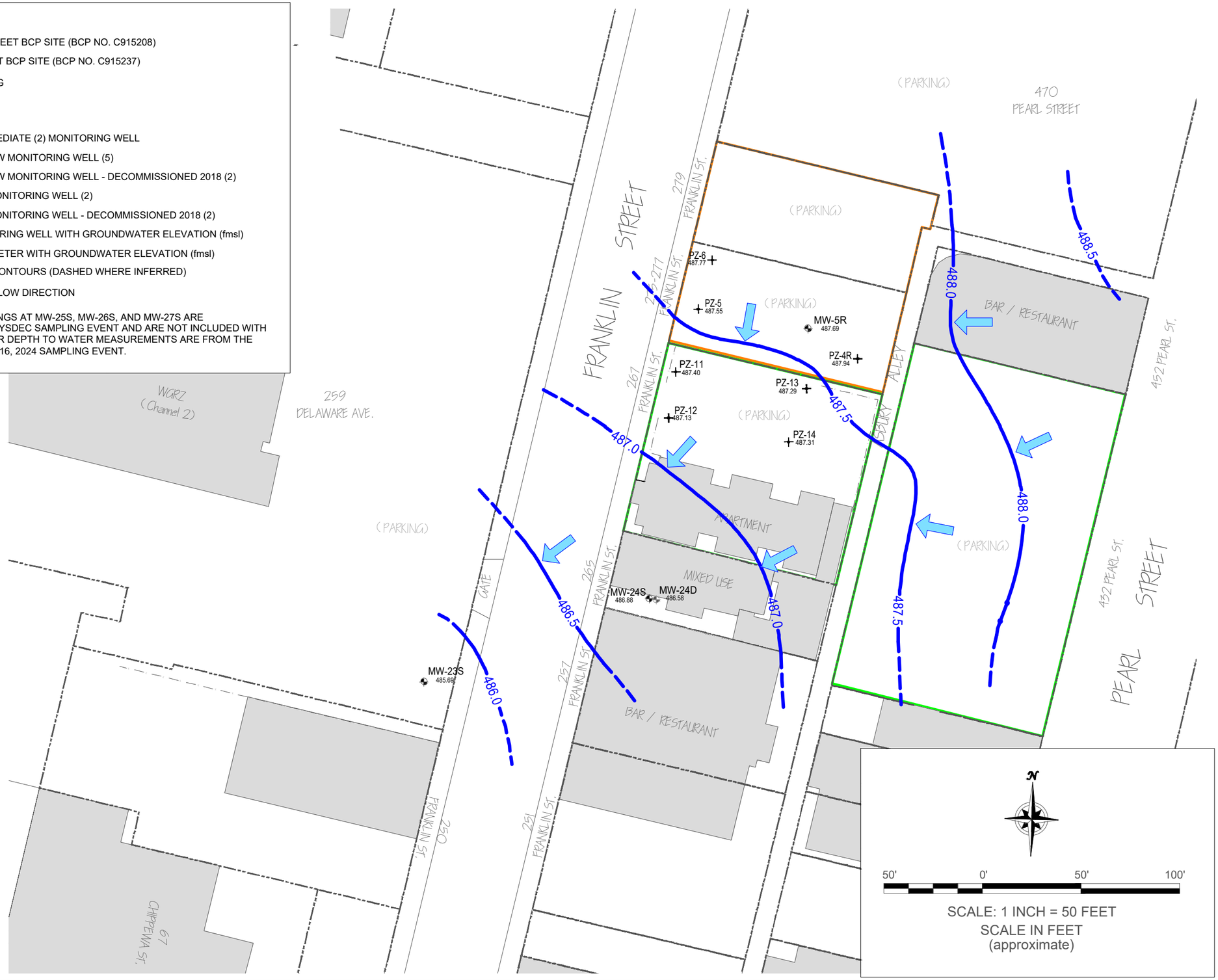
FIGURE 5

DRAWING NUMBER
2024 PRR

LEGEND:

- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- PARCEL LINE
- FENCE
- MW-1 — DEEP (1) / INTERMEDIATE (2) MONITORING WELL
- MW-23S — OFF-SITE SHALLOW MONITORING WELL (5)
- MW-22S — OFF-SITE SHALLOW MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-23D — OFF-SITE DEEP MONITORING WELL (2)
- MW-22D — OFF-SITE DEEP MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-5R — SHALLOW MONITORING WELL WITH GROUNDWATER ELEVATION (fmsl)
- PZ-5 — SHALLOW PIEZOMETER WITH GROUNDWATER ELEVATION (fmsl)
- 485 — GROUNDWATER CONTOURS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTE: DEPTH TO WATER READINGS AT MW-25S, MW-26S, AND MW-27S ARE FROM THE NOVEMBER 9, 2022 NYSDEC SAMPLING EVENT AND ARE NOT INCLUDED WITH THE CONTOUR DATA. ALL OTHER DEPTH TO WATER MEASUREMENTS ARE FROM THE INVENTUM ENGINEERING APRIL 16, 2024 SAMPLING EVENT.



B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING
IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND IS SUBJECT TO RETURN UPON REQUEST. ALL INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING
NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SHALLOW OVERBURDEN GROUNDWATER ISOPOTENTIAL MAP (04/16/2024)
BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 6

DRAWING NUMBER
2024 PRR

LEGEND:

- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- PARCEL LINE
- FENCE
- MW-1 — DEEP / INTERMEDIATE / OFF-SITE MONITORING WELL
- MW-23S — OFF-SITE SHALLOW MONITORING WELL (2) (NYSDEC, July 2009)
- MW-22S — OFF-SITE SHALLOW MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-23D — OFF-SITE DEEP MONITORING WELL (2) (NYSDEC, July 2009)
- MW-22D — OFF-SITE DEEP MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-26S — OFF-SITE SHALLOW MONITORING WELL (3) (NYSDEC, September 2012)
- MW-5 — SHALLOW MONITORING WELL
- PZ-4 — SHALLOW PIEZOMETER
- 14 — TOTAL cVOCs CONCENTRATION (ug/L)
- TOTAL cVOCs ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)
- TOTAL cVOCs CONCENTRATION OF > 1,000 ug/L
- TOTAL cVOCs CONCENTRATION OF 100 - 1,000 ug/L
- TOTAL cVOCs CONCENTRATION OF 5 - 100 ug/L

NOTE: TOTAL CVOC CONCENTRATION RESULTS AT MW-25S, MW-26S, AND MW-27S ARE FROM THE NOVEMBER 7, 2022 NYSDEC SAMPLING EVENT. ALL OTHER CVOC CONCENTRATION RESULTS ARE FROM BENCHMARK NOVEMBER 6, 2022 SAMPLING EVENT



B

DRAWING BY | CB
CHECKED
APPROVED

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MUST BE RETURNED ON DEMAND. ALL OF THE INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, INCLUDING SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SHALLOW OVERBURDEN TOTAL VOCs ISOCONCENTRATION MAP (11/08/2023)

BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 7

DRAWING NUMBER
2024 PRR

LEGEND:

- 275 FRANKLIN STREET BCP SITE (BCP NO. C915208)
- 432 PEARL STREET BCP SITE (BCP NO. C915237)
- EXISTING BUILDING
- PARCEL LINE
- FENCE
- MW-1 — DEEP / INTERMEDIATE / OFF-SITE MONITORING WELL
- MW-23S — OFF-SITE SHALLOW MONITORING WELL (2) (NYSDEC, July 2009)
- MW-22S — OFF-SITE SHALLOW MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-23D — OFF-SITE DEEP MONITORING WELL (2) (NYSDEC, July 2009)
- MW-22D — OFF-SITE DEEP MONITORING WELL - DECOMMISSIONED 2018 (2)
- MW-26S — OFF-SITE SHALLOW MONITORING WELL (3) (NYSDEC, September 2012)
- MW-5 — SHALLOW MONITORING WELL
- PZ-4 — SHALLOW PIEZOMETER
- 14 — TOTAL cVOCs CONCENTRATION (ug/L)
- TOTAL cVOCs ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)
- TOTAL cVOCs CONCENTRATION OF > 1,000 ug/L
- TOTAL cVOCs CONCENTRATION OF 100 - 1,000 ug/L
- TOTAL cVOCs CONCENTRATION OF 5 - 100 ug/L

NOTE: OFFSITE MONITORING WELLS MW-25S, MW-26S, AND MW-27S WERE NOT SAMPLED IN 2024. TOTAL VOC CONCENTRATIONS ARE INFERRED FROM HISTORICAL DATA. ALL OTHER TOTAL VOC CONCENTRATION RESULTS ARE FROM INVENTUM APRIL 16, 2024 SAMPLING EVENT.



B

DRAWING BY: CB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND MUST BE RETURNED ON DEMAND. ALL INFORMATION CONTAINED HEREIN IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, INCLUDING SUBCONTRACTORS AND SUPPLIERS WITHOUT THE WRITTEN CONSENT OF INVENTUM ENGINEERING

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DRAWING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

SHALLOW OVERBURDEN TOTAL VOCs ISOCONCENTRATION MAP (04/16/2024)

BUFFALO DEVELOPMENT CORPORATION
275 FRANKLIN & 432 PEARL STREET
BUFFALO, NEW YORK 14202
BCP SITE NO. C915208 & C915237

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 8

DRAWING NUMBER
2024 PRR

Appendix A – Institutional & Engineering Controls Certification Forms

Appendix A1 – Site C915208

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C915208**

Site Name 275 Franklin Street

Site Address: 275 Franklin Street Zip Code: 14202
City/Town: Buffalo
County: Erie
Site Acreage: 0.260

Reporting Period: April 27, 2023 to April 27, 2024

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915208

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
111.38-2-22	Buffalo Development Corporation	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan Soil Management Plan Building Use Restriction Monitoring Plan

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Semi-annual monitoring of groundwater
- Highest land use is restricted to restricted residential

111.38-2-23	Buffalo Development Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Semi-annual monitoring of groundwater
- Highest land use is restricted to restricted residential

Box 4

Description of Engineering Controls

Parcel	Engineering Control
111.38-2-22	Vapor Mitigation Cover System

- Cover consisting of hardscape or clean soil
- In-situ plume reduction measure
- Vapor intrusion mitigation for new structures

111.38-2-23	Cover System

Parcel	Engineering Control
	Vapor Mitigation

- Site cover consisting of hardscape or clean soil
- In-situ plume reduction measure
- Vapor intrusion mitigation for existing and new structures

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C915208

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive; Suite C; Herdon, VA 20170, (print business address)

am certifying as Owner Designated Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

8.6.2024
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive; Suite C; Herdon, VA 20170 (print business address),

am certifying as a Qualified Environmental Professional for the Owner Designated Representative (Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

STATE OF NEW YORK
JOHN P. BLACK
No. 062818-1
LICENSED PROFESSIONAL ENGINEER

8.6.2024
Date

Appendix A2 – Site C915237

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C915237**

Site Name 432 Pearl Street

Site Address: 432 Pearl Street Zip Code: 14202
City/Town: Buffalo
County: Erie
Site Acreage: 0.700

Reporting Period: April 27, 2023 to April 27, 2024

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915237

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
111.38-2-20.1	Buffalo Development Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Compliance with the Operations Management plan for the vapor mitigation system
- Semi-annual monitoring of groundwater
- Highest land use is restricted to restricted residential

111.38-2-4.1	Buffalo Development Corporation	Site Management Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan IC/EC Plan Building Use Restriction

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Semi-annual monitoring of groundwater
- Highest land use is restricted to restricted residential

Box 4

Description of Engineering Controls

Parcel	Engineering Control
111.38-2-20.1	Vapor Mitigation Cover System

- Cover consisting of hardscape or clean soil
- In-situ plume reduction measure
- Vapor intrusion mitigation for existing and new structures

111.38-2-4.1	Cover System

Parcel	Engineering Control
• Cover consisting of hardscape or clean soil • Vapor intrusion mitigation for new structures	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive; Suite C; Herdon, VA 20170 (print business address),

am certifying as a Professional Engineer for the Owner Designated Representative (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

STATE OF NEW YORK
JOHN P. BLACK
No. 062818-1
LICENSED PROFESSIONAL ENGINEER

8.6.2024

Date

IC CERTIFICATIONS
SITE NO. C915237

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive; Suite C; Herdon, VA 20170, (print business address)

am certifying as Owner Designated Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

8.6.2024
Date

Appendix B – Photographic Log



Photograph No. 1: PZ-11 and PZ-12 on West perimeter of 432 Pearl Street BCP Site. Facing north.



Photograph No. 2: South edge of 432 Pearl Street BCP parking lot between PZ-12 and PZ-14. Facing southeast.



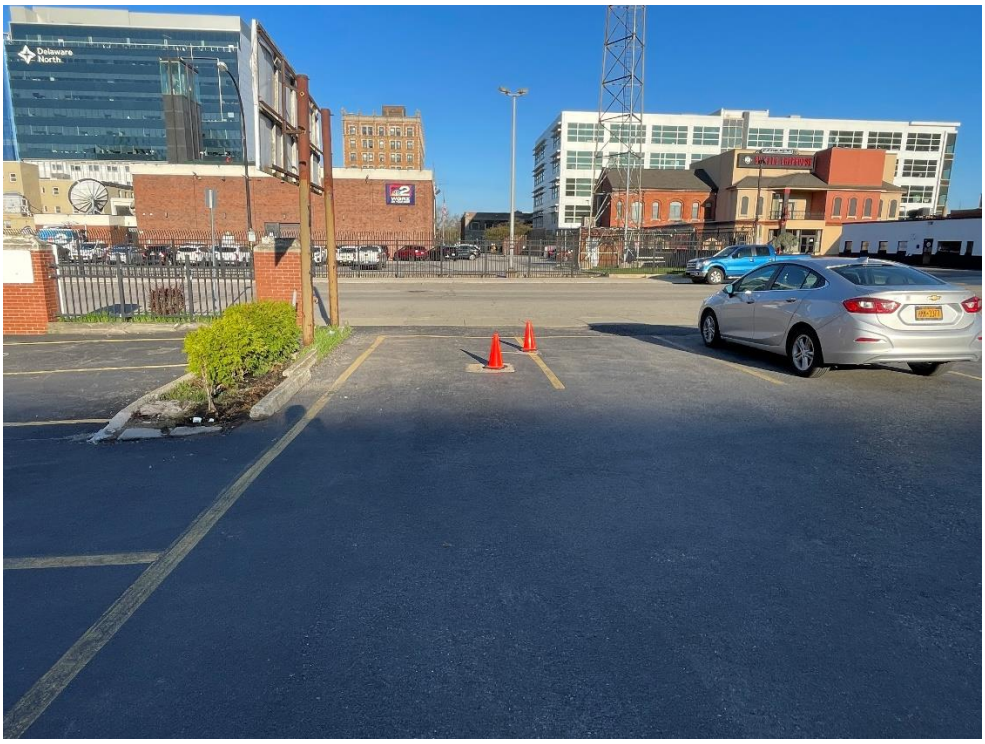
Photograph No. 3: Standing at NE corner of apartment building on 432 Pearl Street BCP Site. Facing northwest.



Photograph No. 4: Standing at NE corner of apartment building on 432 Pearl Street BCP Site. Facing north.



Photograph No. 5: Standing on Asbury Alley. Facing north into 275 Franklin Street BCP Site.



Photograph No. 6: Southwest corner of Franklin Street BCP Site. PZ-5 and MW-6. Facing west.



Photograph No. 7: North perimeter of 275 Franklin Street BCP Site. Facing north into 470 Pearl Street.



Photograph No. 8: Standing at North perimeter of 275 Franklin Street BCP Site. Facing southwest into both BCP Sites.



Photograph No. 9: East portion of 432 Pearl Street BCP Site along the west edge and Asbury Alley. Facing south.



Photograph No. 10: East portion of 432 Pearl Street BCP Site along the west edge and Asbury Alley. Facing east.



Photograph No. 11: East portion of 432 Pearl Street BCP Site along the west edge and Asbury Alley. Facing northeast.



Photograph No. 12: MW-23S SE corner of 259 Delaware Ave. Facing north.



Photograph No. 13: MW-24S and MW-24D. Facing west.



Photograph No. 14: Basement of 267 Franklin Street apartment building. Manometer reading for system one, 1.5 inches of water column (in. wc).



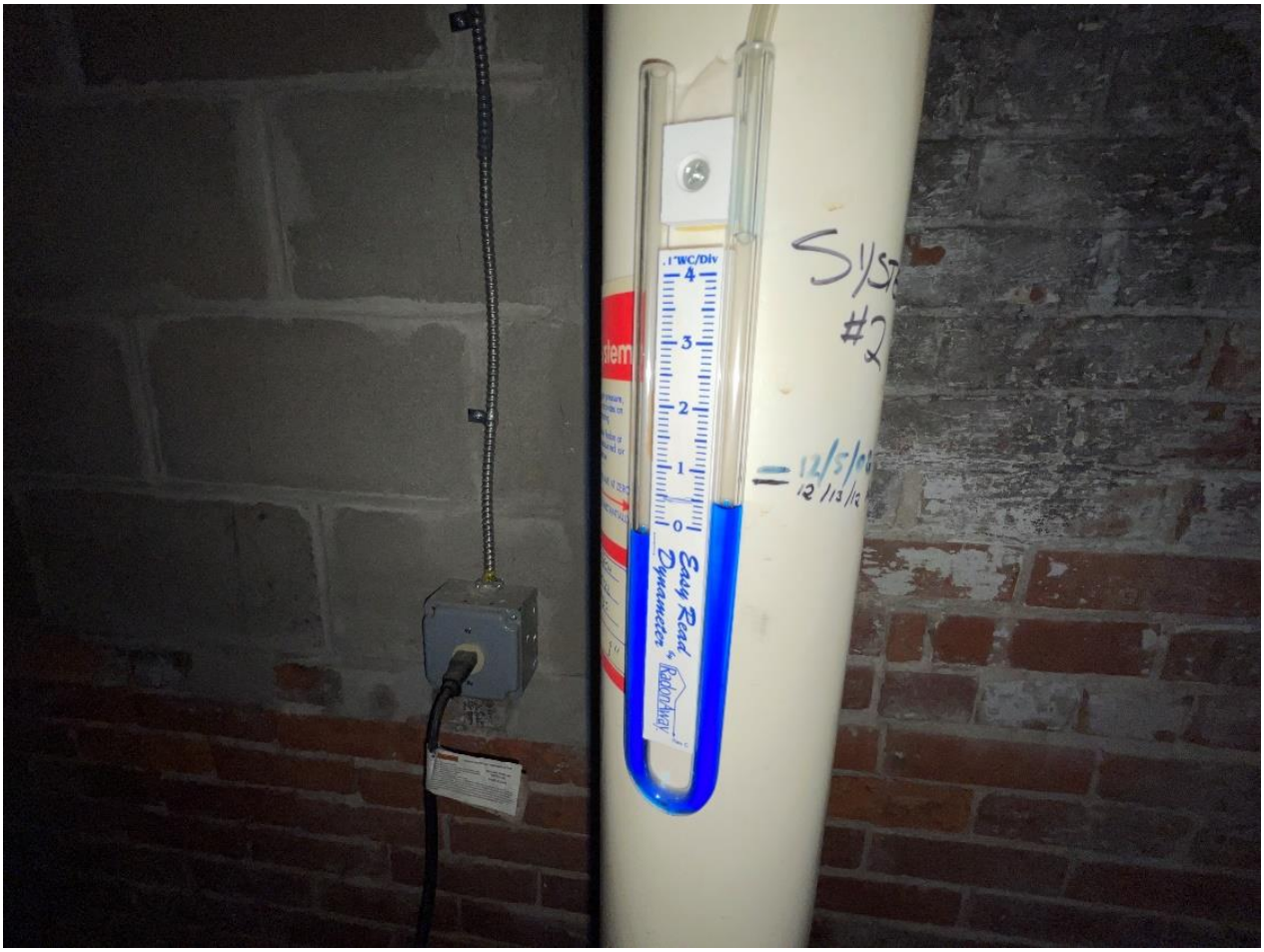
Photograph No. 15: System 1 ASD system manometer reading. System operation is normal.



Photograph No. 16: System 2 typical construction. System operation is normal.



Photograph No. 17: System 2 Manometer reading 0.5 inches of water column (in. wc).



Photograph No. 5: Manometer reading for system 2.

Appendix C – ASD System Logs

INVENTUM ENGINEERING

Active Sub-Slab Depressurization System Annual Operation & Maintenance Certification Checklist

Project Name: 275 Franklin & 432 Pearl St Site

Project Location: 267 Pearl St, Buffalo, NY

Client: Buffalo Development Corp.

Preparer's Name: Corey Bryerton

Date/Time: April 16, 2024

Notes:

System Information

Has monthly system inspection been completed regularly?	☒ yes	☐ no
Are last 11 inspection logs attached for the past 12 months?	☒ yes	☐ no

What is the current Vacuum reading? System #1 =1.5 System #2 = 0.5

System Updates, Maintenance, Part Replacement

None

INVENTUM ENGINEERING

Active Sub-Slab Depressurization System
Annual Operation & Maintenance
Certification Checklist

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Apartment building

Has this general use changed in the past year? ☐ yes ☒ no

If yes, please explain:

No tenants are currently living in the building.

Building Renovations:

Have any building renovations taken place in the last month? ☒ yes ☐ no

If yes, please provide more information below, and sketch any basement floor plan modifications on the floor plan sketch below.

The apartments are currently under renovation. No information was provided about any floor plan modifications.

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☒ no

If so, please list with date:

Floor Plan Sketch:

Draw a plan view sketch of the basement of the building. Indicate Sub-Slab Depressurization system location. Please also note and include, any alterations to the system, locations of visible cracks and/or repairs needed, and changes or alterations to the usage of this space.

Active Subslab Depressurization (ASD) System Log
ASD System #1 (5 Sub-Slab Suction Points)
Radonaway GP-501 Series

Buffalo Development Corporation
432 Pearl Street Site (BCP Site No. C915237)

Date	Monometer Reading (in. wc)	Initials	Comments
4/23	1.5	PW	
5/15	1.5	JC	
6/15	1.5	JC	
7/17	1.5	JC	
8/16	1.5	JC	
9/12	1.5	JC	
10/17	1.5	JC	
11/14	1.5	JC	
12/14	1.5	JC	

Active Subslab Depressurization (ASD) System Log
ASD System #1 (5 Sub-Slab Suction Points)
Radonaway GP-501 Series

Buffalo Development Corporation
432 Pearl Street Site (BCP Site No. C915237)

Date	Monometer Reading (in. wc)	Initials	Comments
1/24	1.25	JC	
2/24	1.25	JC	
3/24	1.5	JC	
4/24	1.5	JC	
5/24	1.5	JC	

Peter.Zaffram@inventumeng.com

Active Subslab Depressurization (ASD) System Log
ASD System #2 (3 Sub-Slab Suction Points)
Radonaway RP-265 Series

Buffalo Development Corporation
432 Pearl Street Site (BCP Site No. C915237)

Date	Monometer Reading (in. wc)	Initials	Comments
4/23	1.2	PW	
5/15	1.75	JC	
6/15	1/2	JC	
7/17	.5	JC	
8/16	.5	JC	
9/12	.5	JC	
10/17	.5	JC	
11/14	.5	JC	
12/14	.5	JC	

Active Subslab Depressurization (ASD) System Log
ASD System #2 (3 Sub-Slab Suction Points)
Radonaway RP-265 Series

Buffalo Development Corporation
432 Pearl Street Site (BCP Site No. C915237)

Date	Monometer Reading (in. wc)	Initials	Comments
1/24	.5	JC	
2/24	.5	JC	
3/24	.5	JC	
4/24	.5	JC	
5/24	.5	JC	
6/24	.5	JC	

Appendix D – Groundwater Analytical Data, Field Notes

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	PZ-4R	Initial Well Depth (ft BTOC):	11.27
Inventum Personnel:	CB	Final Well Depth (ft BTOC):	11.32
Date:	4/16/2024	Static Water Level (ft BTOC):	_____
Development Details			
Time Start:	9:50	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").	
Time Ended:	10:30	Sampled for VOCs Method 8260.	
Total Volume:	2.11 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
9:50	-	200	0	13.40	3.97	251	7.70	143	7.79
9:55	-	200	1000	13.20	3.93	240	7.70	146	7.75
10:00	-	200	2000	13.22	3.91	239	7.69	155	7.37
10:10	-	200	4000	13.17	3.91	216	7.70	164	6.90
10:15	-	200	5000	13.15	3.99	199	7.70	168	7.20
10:20	-	200	6000	13.05	4.07	187	7.68	172	7.25
10:25	-	200	7000	13.06	4.07	179	7.68	174	7.25
10:30	-	200	8000	13.03	4.07	170	7.68	177	7.30

Development Details			
Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or	
Sample Time:	10:35	± 0.2 mg/L, whichever is greater); ORP (± 20)	
Sampled By:	CB		

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	PZ-5	Initial Well Depth (ft BTOC): 10.89	
Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.95	
Date:	4/16/2024	Static Water Level (ft BTOC): _____	
Development Details			
Time Start:	13:15	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").	
Time Ended:	13.39	Sampled for VOCs Method 8260.	
Total Volume:	3.17 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
13:15	-	500	0	13.47	2.73	1000 (Max)	7.65	53	2.85
13:25	-	500	5000	13.69	2.63	49.3	7.60	123	3.24
13:30	-	500	7500	13.74	2.63	70.9	7.59	135	3.24
13:35	-	500	10000	13.72	2.62	40.8	7.59	145	3.19
13:37	-	500	11000	13.75	2.62	42.8	7.59	148	3.18
13:39	-	500	12000	13.75	2.62	40.5	7.59	149	3.16

Development Details		
Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)
Sample Time:	13:40	
Sampled By:	CB	

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site: Buffalo Development Corporation									
			Well ID:	MW-5R	Initial Well Depth (ft BTOC): 11.51				
			Inventum Personnel:	CB	Final Well Depth (ft BTOC): 11.51				
			Date:	4/16/2024	Static Water Level (ft BTOC): _____				
Development Details									
			Time Start:	8:10	Comments/Notes: 2" Monitoring Well. Sampled for VOCs Method 8260.				
			Time Ended:	9:30	DUP taken here: "MW-99-04162024". MS/MSD taken here.				
			Total Volume:	5.68 gallons					
Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
8:10	11.51	150	0	10.90	3.22	226	8.95	125	0.69
8:20	11.51	150	1500	12.11	4.28	125	7.25	174	0.00
8:30	-	150	3000	12.50	4.6	67.4	7.21	174	0.00
8:40	11.49	150	4500	12.95	4.48	40.1	7.27	158	0.00
8:50	11.51	150	6000	13.20	4.48	29.0	7.28	149	0.00
8:55	-	150	7500	13.46	4.38	24.2	7.30	131	0.00
9:00	-	400	9500	13.31	4.31	27.8	7.29	113	0.00
9:05	-	400	11500	13.35	4.39	14.4	7.30	71	0.00
9:10	11.51	400	13500	13.41	4.33	8.2	7.32	49	0.00
9:15	-	400	15500	13.39	4.17	8.0	7.32	44	0.00
9:20	-	400	17500	13.52	4.26	8.0	7.34	43	0.00
9:25	-	400	19500	13.61	4.23	8.1	7.36	41	0.00
9:30	11.51	400	21500	13.60	4.23	8.1	7.36	39	0.00

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	PZ-6	Initial Well Depth (ft BTOC): 10.91	
Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.95	
Date:	4/16/2024	Static Water Level (ft BTOC): _____	
Development Details			
Time Start:	13:50	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").	
Time Ended:	14:04	Sampled for VOCs Method 8260.	
Total Volume:	1.85 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
13:50	-	500	0	13.44	2.40	40.3	7.57	155	3.48
13:55	-	500	2500	13.37	2.46	20.6	7.57	159	2.69
14:00	-	500	5000	13.34	2.48	11.2	7.58	161	2.7
14:02	-	500	6000	13.35	2.50	10.5	7.58	164	2.72
14:04	-	500	7000	13.35	2.51	9.9	7.58	166	2.75

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site: Buffalo Development Corporation									
			Well ID:	PZ-11	Initial Well Depth (ft BTOC): 10.39				
			Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.43				
			Date:	4/16/2024	Static Water Level (ft BTOC): _____				
Development Details									
			Time Start:	12:35	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").				
			Time Ended:	12:58	Sampled for VOCs Method 8260.				
			Total Volume:	3.03 gallons					
Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
12:35	-	500	0	12.52	3.48	918	7.58	167	4.70
12:40	-	500	2500	12.45	3.49	87.0	7.55	175	3.44
12:45	-	500	5000	12.44	3.51	37.4	7.55	184	3.18
12:50	-	500	7500	12.48	3.52	35.5	7.55	190	3.10
12:52	-	500	8500	12.48	3.54	31.0	7.55	194	3.08
12:54	-	500	9500	12.50	3.55	28.1	7.55	196	3.06
12:56	-	500	10500	12.50	3.56	18.3	7.56	200	2.99
12:58	-	500	11500	12.50	3.55	17.9	7.56	202	2.98
Development Details									
			Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ±				
			Sample Time:	13:00	0.2 mg/L, whichever is greater); ORP (± 20)				
			Sampled By:	CB					

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	PZ-12	Initial Well Depth (ft BTOC): 10.47	
Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.48	
Date:	4/16/2024	Static Water Level (ft BTOC): _____	
Development Details			
Time Start:	12:00	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").	
Time Ended:	12:18	Sampled for VOCs Method 8260.	
Total Volume:	2.38 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
12:00	-	500	0	13.24	2.86	21.8	7.54	137	1.26
12:05	-	500	2500	13.14	2.84	52.1	7.53	140	1.15
12:10	-	500	5000	13.12	2.81	5.8	7.50	147	1.05
12:12	-	500	6000	13.09	2.81	7.5	7.51	150	1.02
12:14	-	500	7000	13.04	2.80	10.5	7.50	153	1.00
12:16	-	500	8000	13.03	2.80	7.9	7.50	155	0.98
12:18	-	500	9000	13.01	2.80	8.3	7.49	158	0.98

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site: Buffalo Development Corporation									
			Well ID:	PZ-13	Initial Well Depth (ft BTOC): 14:09				
			Inventum Personnel:	CB	Final Well Depth (ft BTOC): 11.16				
			Date:	4/16/2024	Static Water Level (ft BTOC): _____				
Development Details									
			Time Start:	10:45	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").				
			Time Ended:	11:10	Sampled for VOCs Method 8260.				
			Total Volume:	1.32 gallons					
Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
10:45	-	200	0	14.84	1.60	0	7.46	185	0.33
10:50	-	200	1000	14.66	1.91	499	7.34	174	0.00
10:55	-	200	2000	14.63	1.94	211	7.37	155	0.00
11:00	-	200	3000	14.59	1.99	66.0	7.39	139	0.00
11:05	-	200	4000	14.60	1.99	49.8	7.39	122	0.00
11:10	-	200	5000	14.64	2.01	44.6	7.41	120	0.00
Development Details									
			Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ±				
			Sample Time:	11:15	0.2 mg/L, whichever is greater); ORP (± 20)				
			Sampled By:	CB					

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	PZ-14	Initial Well Depth (ft BTOC): 10.25	
Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.25	
Date:	4/16/2024	Static Water Level (ft BTOC): _____	
Development Details			
Time Start:	11:25	Comments/Notes: Unable to measure DTW while pumping from well due to PVC diameter (1").	
Time Ended:	11:46	Sampled for VOCs Method 8260.	
Total Volume:	2.12 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
11:25	-	400	0	14.41	2.82	96.6	7.49	138	0.00
11:30	-	400	2000	14.09	2.91	87.6	7.42	137	0.00
11:35	-	400	4000	13.89	2.94	79.1	7.45	136	0.00
11:40	-	400	6000	13.67	2.97	55.6	7.47	137	0.00
11:42	-	400	6800	13.60	2.98	53.2	7.47	137	0.00
11:44	-	400	7600	13.58	2.98	51.8	7.48	137	0.00
11:46	-	400	8200	13.51	2.98	51.7	7.48	137	0.00

Development Details		
Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)
Sample Time:	11:50	
Sampled By:	CB	

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site: Buffalo Development Corporation									
			Well ID:	MW-23S		Initial Well Depth (ft BTOC): 11.22			
			Inventum Personnel:	CB		Final Well Depth (ft BTOC): 11.39			
			Date:	4/16/2024		Static Water Level (ft BTOC): _____			
Development Details									
			Time Start:	15:20		Comments/Notes: 2" Monitoring Well. Turbidity is high due to adjusting tubing while pumping.			
			Time Ended:	15:55		Sampled for VOCs Method 8260. Located on WGRZ Channel 2 News property across Fanklin			
			Total Volume:	4.76 gallons		Street.			
Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
15:20	11.22	600	0	13.45	2.83	159	7.77	-28	0.00
15:25	11.37	600	3000	12.51	2.97	109	7.72	-2	0.00
15:30	11.37	600	6000	12.41	2.95	171	7.7	6	0.00
15:35	11.38	600	9000	12.30	2.99	18.3	7.69	18	0.00
15:40	11.39	600	12000	12.31	2.97	732	7.69	22	0.00
15:45	11.39	600	15000	12.32	2.98	740	7.69	23	0.00
15:50	11.39	600	18000	12.31	3.00	182	7.68	26	0.00

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site: Buffalo Development Corporation									
			Well ID:	MW-24D	Initial Well Depth (ft BTOC): 11.05				
			Inventum Personnel:	CB	Final Well Depth (ft BTOC): 11.78				
			Date:	4/16/2024	Static Water Level (ft BTOC): _____				
Development Details									
			Time Start:	14:25	Comments/Notes: 2" Monitoring Well. Sampled for VOCs Method 8260.				
			Time Ended:	14:55					
			Total Volume:	4.76 gallons					
Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
14:25	11.05	600	0	13.82	0.280	166	7.62	133	0.00
14:30	11.78	600	3000	14.21	0.260	79.2	7.23	17	0.00
14:35	11.76	600	6000	14.23	0.285	75.4	7.22	-183	0.00
14:40	11.78	600	9000	14.25	0.338	73.8	7.23	-188	0.00
14:45	11.78	600	12000	14.30	1.58	54.9	7.29	-226	0.00
14:47	11.78	600	13200	14.37	1.78	43.1	7.35	-233	0.00
14:49	11.78	600	14400	14.39	1.91	30.1	7.40	-238	0.00
14:51	11.78	600	15600	14.38	1.94	29.0	7.41	-239	0.00
14:53	11.78	600	16800	14.39	1.95	26.4	7.41	-239	0.00
14:55	11.78	600	18000	14.39	1.98	25.2	7.42	-240	0.00

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site: Buffalo Development Corporation			
Well ID:	MW-24S	Initial Well Depth (ft BTOC): 10.44	
Inventum Personnel:	CB	Final Well Depth (ft BTOC): 10.60	
Date:	4/17/2024	Static Water Level (ft BTOC): _____	
Development Details			
Time Start:	6:55	Comments/Notes: 2" Monitoring Well. Sampled for VOCs Method 8260. Well was inaccessible on 4/16.	
Time Ended:	7:21		
Total Volume:	4.12 gallons		

Time	DTW	Pumping Rate (mL/min)	Volume (mL)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
6:55	10.44	600	0	12.76	1.35	99.9	7.65	-93	0.73
7:00	10.60	600	3000	12.79	2.02	58.9	7.47	-75	0.56
7:05	10.61	600	6000	12.81	2.42	21.2	7.47	-52	0.84
7:10	10.61	600	9000	12.83	2.51	8.5	7.48	-43	0.90
7:15	10.61	600	12000	12.83	2.53	8.7	7.5	-38	0.96
7:17	10.61	600	13200	12.82	2.54	8.5	7.5	-37	0.89
7:19	10.61	600	14400	12.83	2.55	7.3	7.51	-36	0.88
7:21	10.60	600	15600	12.82	2.55	6.7	7.52	-34	0.88

Development Details		
Method:	Low Flow	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)
Sample Time:	7:25	
Sampled By:	CB	

Well Gauging

Project Name: Buffalo Development Corporation	**Client:** Buffalo Development Corporation
Project Number:	**Location:** 275 Franklin/432 Pearl St Buffalo, NY
Field Personnel: CB, PZ	**Date:** 04/16/2024

Weather/Surface Conditions: Parking Lot, Asphalt, clear, warm

Well ID	Time	Top of Riser Elevation (AMSL)	Static Water Level (ft)	GW Elev (AMSL)	Total Depth (ft)
PZ-1	Well Destroyed				
PZ-2	-	499.44	11.91	487.53	15.08
PZ-3	-	499.03	11.50	487.53	15.00
PZ-4R	-	499.21	11.27	487.94	14.06
PZ-5	-	498.44	10.89	487.55	15.06
PZ-6	-	498.68	10.91	487.77	14.90
PZ-7	-	500.95	12.40	488.55	15.40
PZ-8	-	499.85	11.72	488.13	13.70
PZ-9	-	498.46	11.06	487.40	14.70
PZ-10	-	498.80	10.76	488.04	12.20
PZ-11	-	497.79	10.39	487.40	15.03
PZ-12	-	497.60	10.47	487.13	15.19
PZ-13	-	497.88	10.59	487.29	12.83
PZ-14	-	497.56	10.25	487.31	15.05
MW-5R	-	499.20	11.51	487.69	18.81
MW-23S	-	496.91	11.22	485.69	18.50
MW-24S	-	497.32	10.44	486.88	18.55
MW-24D	-	497.63	11.05	486.58	47.00

Comments: PZ-1 was destroyed.

Survey Data Gathered From:

Table 1, Summary of Monitoring Well / Piezometer Construction Details, Periodic Review Report 275 Franklin Street Site (BCP No. C915208) and 432 Pearl Street Site (BCP Site No. C915237) Buffalo, NY, Benchmark Civil/Environmental Engineering & Geology, PLLC, May 2023, Revised June 2023.

sys_loc_code	chemical_name	start_depth	end_depth	result_date	result_time	result_value	result_unit	sampling_company_code
PZ-6	pH (Water)	11.26	11.44	2023/11/08	13:00:00	7.48	ph units	ROUX
PZ-6	Temperature	11.26	11.44	2023/11/08	13:00:00	15.3	deg c	ROUX
PZ-6	Conductivity	11.26	11.44	2023/11/08	13:00:00	3685	sc	ROUX
PZ-6	Turbidity	11.26	11.44	2023/11/08	13:00:00	5.6	ntu	ROUX
PZ-6	Dissolved Oxygen	11.26	11.44	2023/11/08	13:00:00	5.36	mg/l	ROUX
PZ-6	ORP	11.26	11.44	2023/11/08	13:00:00	122	millivolts	ROUX
PZ-5	pH (Water)	11.25	11.38	2023/11/08	12:20:00	7.46	ph units	ROUX
PZ-5	Temperature	11.25	11.38	2023/11/08	12:20:00	14.9	deg c	ROUX
PZ-5	Conductivity	11.25	11.38	2023/11/08	12:20:00	3727	sc	ROUX
PZ-5	Turbidity	11.25	11.38	2023/11/08	12:20:00	2.57	ntu	ROUX
PZ-5	Dissolved Oxygen	11.25	11.38	2023/11/08	12:20:00	5.52	mg/l	ROUX
PZ-5	ORP	11.25	11.38	2023/11/08	12:20:00	117	millivolts	ROUX
PZ-4R	pH (Water)	11.76	12.25	2023/11/08	11:10:00	7.59	ph units	ROUX
PZ-4R	Temperature	11.76	12.25	2023/11/08	11:10:00	15.5	deg c	ROUX
PZ-4R	Conductivity	11.76	12.25	2023/11/08	11:10:00	4479	sc	ROUX
PZ-4R	Turbidity	11.76	12.25	2023/11/08	11:10:00	247	ntu	ROUX
PZ-4R	Dissolved Oxygen	11.76	12.25	2023/11/08	11:10:00	5.28	mg/l	ROUX
PZ-4R	ORP	11.76	12.25	2023/11/08	11:10:00	103	millivolts	ROUX
PZ-13	pH (Water)	11.1	11.73	2023/11/08	09:50:00	7.25	ph units	ROUX
PZ-13	Temperature	11.1	11.73	2023/11/08	09:50:00	14.7	deg c	ROUX
PZ-13	Conductivity	11.1	11.73	2023/11/08	09:50:00	3567	sc	ROUX
PZ-13	Turbidity	11.1	11.73	2023/11/08	09:50:00	11.5	ntu	ROUX
PZ-13	Dissolved Oxygen	11.1	11.73	2023/11/08	09:50:00	2.86	mg/l	ROUX
PZ-13	ORP	11.1	11.73	2023/11/08	09:50:00	49	millivolts	ROUX
PZ-14	pH (Water)	10.62	17.5	2023/11/08	10:30:00	7.45	ph units	ROUX
PZ-14	Temperature	10.62	17.5	2023/11/08	10:30:00	14.7	deg c	ROUX
PZ-14	Conductivity	10.62	17.5	2023/11/08	10:30:00	3568	sc	ROUX
PZ-14	Turbidity	10.62	17.5	2023/11/08	10:30:00	5.42	ntu	ROUX
PZ-14	Dissolved Oxygen	10.62	17.5	2023/11/08	10:30:00	2.27	mg/l	ROUX
PZ-14	ORP	10.62	17.5	2023/11/08	10:30:00	72	millivolts	ROUX
PZ-11	pH (Water)	10.77	11.35	2023/11/08	11:35:00	7.39	ph units	ROUX
PZ-11	Temperature	10.77	11.35	2023/11/08	11:35:00	15.6	deg c	ROUX
PZ-11	Conductivity	10.77	11.35	2023/11/08	11:35:00	4234	sc	ROUX
PZ-11	Turbidity	10.77	11.35	2023/11/08	11:35:00	9.8	ntu	ROUX
PZ-11	Dissolved Oxygen	10.77	11.35	2023/11/08	11:35:00	4.95	mg/l	ROUX

sys_loc_code	chemical_name	start_depth	end_depth	result_date	result_time	result_value	result_unit	sampling_company_code
PZ-11	ORP	10.77	11.35	2023/11/08	11:35:00	112	millivolts	ROUX
PZ-12	pH (Water)	10.84	10.85	2023/11/08	12:00:00	7.45	ph units	ROUX
PZ-12	Temperature	10.84	10.85	2023/11/08	12:00:00	15	deg c	ROUX
PZ-12	Conductivity	10.84	10.85	2023/11/08	12:00:00	3125	sc	ROUX
PZ-12	Turbidity	10.84	10.85	2023/11/08	12:00:00	5.83	ntu	ROUX
PZ-12	Dissolved Oxygen	10.84	10.85	2023/11/08	12:00:00	4.53	mg/l	ROUX
PZ-12	ORP	10.84	10.85	2023/11/08	12:00:00	110	millivolts	ROUX
MW-5R	pH (Water)	11.88	11.9	2023/11/08	09:50:00	7.3	ph units	ROUX
MW-5R	Temperature	11.88	11.9	2023/11/08	09:50:00	14.5	deg c	ROUX
MW-5R	Conductivity	11.88	11.9	2023/11/08	09:50:00	4333	sc	ROUX
MW-5R	Turbidity	11.88	11.9	2023/11/08	09:50:00	7.81	ntu	ROUX
MW-5R	Dissolved Oxygen	11.88	11.9	2023/11/08	09:50:00	2.89	mg/l	ROUX
MW-5R	ORP	11.88	11.9	2023/11/08	09:50:00	62	millivolts	ROUX
MW-24S	pH (Water)	10.83	10.89	2023/11/08	10:50:00	7.32	ph units	ROUX
MW-24S	Temperature	10.83	10.89	2023/11/08	10:50:00	11.3	deg c	ROUX
MW-24S	Conductivity	10.83	10.89	2023/11/08	10:50:00	2642	sc	ROUX
MW-24S	Turbidity	10.83	10.89	2023/11/08	10:50:00	6.74	ntu	ROUX
MW-24S	Dissolved Oxygen	10.83	10.89	2023/11/08	10:50:00	3.62	mg/l	ROUX
MW-24S	ORP	10.83	10.89	2023/11/08	10:50:00	-22	millivolts	ROUX
MW-24D	pH (Water)	11.36	11.65	2023/11/08	12:15:00	7.22	ph units	ROUX
MW-24D	Temperature	11.36	11.65	2023/11/08	12:15:00	11.3	deg c	ROUX
MW-24D	Conductivity	11.36	11.65	2023/11/08	12:15:00	2442	sc	ROUX
MW-24D	Turbidity	11.36	11.65	2023/11/08	12:15:00	2.01	ntu	ROUX
MW-24D	Dissolved Oxygen	11.36	11.65	2023/11/08	12:15:00	1.35	mg/l	ROUX
MW-24D	ORP	11.36	11.65	2023/11/08	12:15:00	-91	millivolts	ROUX
MW-23S	pH (Water)	11.82	11.85	2023/11/08	13:30:00	7.12	ph units	ROUX
MW-23S	Temperature	11.82	11.85	2023/11/08	13:30:00	14.2	deg c	ROUX
MW-23S	Conductivity	11.82	11.85	2023/11/08	13:30:00	3148	sc	ROUX
MW-23S	Turbidity	11.82	11.85	2023/11/08	13:30:00	17.9	ntu	ROUX
MW-23S	Dissolved Oxygen	11.82	11.85	2023/11/08	13:30:00	3.19	mg/l	ROUX
MW-23S	ORP	11.82	11.85	2023/11/08	13:30:00	170	millivolts	ROUX

WELL PURGING RECORD
LOW-FLOW SAMPLING METHOD

Site:	NYSDEC Franklin Street	**Well Diameter (ID):**	2"
Project #:	0901718	**Initial Depth to Water (ft, TOC)**	12.10
Date:	11/7/2023	**Depth to Bottom of Well (ft, TOC)**	18.30
Sampling Device:	Peri-Pump	**Feet of Water in Well (ft)**	6.20
Well ID:	MW-26S	**Volume of Water in Well (gal)**	0.99

Meter(s): YSI Pro DSS #46421

Time	Depth to Water (ft, TOC)	Temperature (ºC)	pH	Specific Conductance (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
0950	13.20	16.6	7.22	3407	115.0	2.74	13.61
0955	13.20	16.5	7.21	3405	148.0	2.76	5.18
1000	13.20	16.5	7.21	3400	162.0	2.71	2.60
1005	13.20	16.5	7.21	3405	129.0	2.67	2.08
1010	13.20	16.6	7.21	3401	123.3	2.58	0.97
1015	13.20	16.60	7.21	3404	122.9	2.57	0.99
		±3%	±0.1	±3%	±10mV	±10% or <0.5mg/L	±10% or <5NTU

Purge Start Time:	0940	Notes:	1020 Sample Time 3 gal purged
Purge End Time:	1015		VOC + DUP
Weather:	Cloudy 50s		Purge water: some sediemnt to clear
Purge/Sampled by:	OO		Purge Rate: 240 mL/min

WELL PURGING RECORD
LOW-FLOW SAMPLING METHOD

Site:	NYSDEC Franklin Street	**Well Diameter (ID):**	2"
Project #:	0901718	**Initial Depth to Water (ft, TOC)**	13.80
Date:	11/7/2023	**Depth to Bottom of Well (ft, TOC)**	18.30
Sampling Device:	Peri-Pump	**Feet of Water in Well (ft)**	4.50
Well ID:	MW-27S	**Volume of Water in Well (gal)**	0.72

Meter(s): YSI Pro DSS #46421

Time	Depth to Water (ft, TOC)	Temperature (ºC)	pH	Specific Conductance (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
1050	13.80	16.1	7.24	2929	175.7	2.68	8.70
1055	13.80	16.1	7.23	2939	135.0	2.59	5.50
1100	13.80	16.1	7.23	2947	150.0	2.55	7.20
1105	13.80	16.2	7.23	2951	161.0	2.53	7.80
1110	13.80	16.2	7.23	2960	138.9	2.53	5.70
1115	13.80	16.2	7.23	2966	131.1	2.53	5.50
1120	13.80	16.20	7.23	2969	131	2.52	5.30
		±3%	±0.1	±3%	±10mV	±10% or <0.5mg/L	±10% or <5NTU

Purge Start Time:	1040	Notes:	1125 Sample Time 3 gal purged
Purge End Time:	1120		VOC
Weather:	Cloudy 50s		Purge Rate: 200 ml/min
Purge/Sampled by:	OO		Purge water: Clear

WELL PURGING RECORD
LOW-FLOW SAMPLING METHOD

Site:	NYSDEC Franklin Street	**Well Diameter (ID):**	2"
Project #:	0901718	**Initial Depth to Water (ft, TOC)**	12.75
Date:	11/7/2023	**Depth to Bottom of Well (ft, TOC)**	18.40
Sampling Device:	Peri-Pump	**Feet of Water in Well (ft)**	5.65
Well ID:	MW-25S	**Volume of Water in Well (gal)**	0.90

	Meter(s): YSI Pro DSS #46421						
Time	**Depth to Water (ft, TOC)**	**Temperature (ºC)**	**pH**	**Specific Conductance (uS/cm)**	**ORP (mV)**	**DO (mg/L)**	**Turbidity (NTU)**
0835	12.75	17.4	7.12	3064	230.4	1.35	24.81
0840	12.75	17.4	7.13	3112	231.3	1.15	16.71
0845	12.75	17.4	7.14	3128	231.5	1.07	14.51
0850	12.75	17.4	7.14	3136	145.9	1.03	11.32
0855	12.75	17.5	7.14	3139	159.6	0.99	9.70
0900	12.75	17.5	7.16	3148	111.3	0.95	6.08
0905	12.75	17.5	7.15	3156	130.0	0.91	3.71
0910	12.75	17.6	7.15	3162	138.3	0.87	1.23
0915	12.75	17.5	7.15	3164	139.0	0.86	0.11
						±10% or <0.5mg/L	±10% or <5NTU
		±3%	±0.1	±3%	±10mV		

Purge Start Time:	0825	Notes:	0920 Sample Time 3 gal purged
Purge End Time:	0915		VOC
Weather:	Cloudy 50s		Purge rate 160 mL/min
Purge/Sampled by:	OO		Purge water: some sediment to clear

WELL PURGING RECORD
LOW-FLOW SAMPLING METHOD

Site:	NYSDEC Franklin Street	**Well Diameter (ID):**	2"
Project #:	0901718	**Initial Depth to Water (ft, TOC)**	12.00
Date:	11/7/2023	**Depth to Bottom of Well (ft, TOC)**	46.60
Sampling Device:	Peri-Pump	**Feet of Water in Well (ft)**	34.60
Well ID:	MW-23D	**Volume of Water in Well (gal)**	5.54

Meter(s): YSI Pro DSS #46421

Time	Depth to Water (ft, TOC)	Temperature (ºC)	pH	Specific Conductance (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
1250	12.00	15.6	7.17	2.457	143.4	1.67	6.55
1255	12.00	15.5	7.17	2.457	141.7	1.56	1.80
1300	12.00	15.4	7.17	2.455	140.7	1.49	1.10
1305	12.00	15.5	7.17	2.455	139.3	1.46	1.01
		±3%	±0.1	±3%	±10mV	±10% or <0.5mg/L	±10% or <5NTU

Purge Start Time:	1240	Notes:	1310	Sample Time	2.5	gal purged
Purge End Time:	1305		VOC + MS/MSD			
Weather:	Cloudy 50s		Purge Rate 300 mL/Min			
Purge/Sampled by:	OO		Purge water Clear			

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000266288	1	800-535-5053	010449222 FLE

GENERATOR

5. Generator's Name and Mailing Address
275 Franklin Street - Offsite
250 Franklin Street
Buffalo, NY 14202
Generator's Phone: 716.796.3827

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Service Group, Inc. (NY) 716.885.6720
U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemtron Corporation
35860 Schneider Court
Avon, OH 44011
Facility's Phone: 440-937-6348
U.S. EPA ID Number: OHD066060609

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3082, Hazardous waste, liquid, n.o.s., 9, III, (Tetrachloroethylene, Trichloroethene)	01	DM	55	G	F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 - AZ10327-001
ERG: 1- 171
24 Hour Emergency Contact:
INFOTRAC (Caller Must ID ESG)
800-535-5053
S 145903 D78282

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Peterson
Signature
Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Glenn Caverly
Signature: Glenn Caverly
Month: 03 Day: 27 Year: 24
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: JOSEPH J KISKA
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

ANALYTICAL REPORT

Lab Number:	L2420931
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	BUFFALO DEVELOPMENT CORPORATIO
Project Number:	Not Specified
Report Date:	04/24/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: BUFFALO DEVELOPMENT CORPORATIO
Project Number: Not Specified

Lab Number: L2420931
Report Date: 04/24/24

MS/MSD collected at MW-5R

Alpha Sample ID	Client ID	Matrix	Location	Collection Date/Time	Receive Date
L2420931-01	PZ-4R-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 10:35	04/17/24
L2420931-02	MW-5R-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 09:30	04/17/24
L2420931-03	PZ-5-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 13:40	04/17/24
L2420931-04	PZ-6-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 14:10	04/17/24
L2420931-05	PZ-11-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 13:00	04/17/24
L2420931-06	PZ-12-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 12:20	04/17/24
L2420931-07	PZ-13-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 11:15	04/17/24
L2420931-08	PZ-14-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 11:50	04/17/24
L2420931-09	MW-24S-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/17/24 07:25	04/17/24
L2420931-10	MW-24D-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 15:00	04/17/24
L2420931-11	MW-23S-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 15:55	04/17/24
L2420931-12	MW-99-04162024	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 09:35	04/17/24
L2420931-13	TRIP BLANK	WATER	275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	04/16/24 00:00	04/17/24

Duplicate of MW-5R

Project Name:	BUFFALO DEVELOPMENT CORPORATIO	**Lab Number:**	L2420931
Project Number:	Not Specified	**Report Date:**	04/24/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	BUFFALO DEVELOPMENT CORPORATIO	**Lab Number:**	L2420931
Project Number:	Not Specified	**Report Date:**	04/24/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2420931-09: The collection date and time on the chain of custody was 17-APR-24 07:25; however, the collection date/time on the container label was 16-APR-24 07:25. At the client's request, the collection date/time is reported as 17-APR-24 07:25.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 04/24/24

ORGANICS

VOLATILES

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-01 D
Client ID: PZ-4R-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 10:35
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 22:01
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	1200		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	15		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-01 D Date Collected: 04/16/24 10:35
Client ID: PZ-4R-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	16	J	ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-02 D
Client ID: MW-5R-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 09:30
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 21:37
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	190		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	1.5	J	ug/l	5.0	1.4	2
Trichloroethene	38		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-02 D Date Collected: 04/16/24 09:30
Client ID: MW-5R-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	69		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-03 D
Client ID: PZ-5-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 13:40
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 21:12
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	170		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-03 D Date Collected: 04/16/24 13:40
Client ID: PZ-5-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-04 Date Collected: 04/16/24 14:10
Client ID: PZ-6-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 18:21
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	120		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.44	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-04 Date Collected: 04/16/24 14:10

Client ID: PZ-6-04162024 Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-05 D
Client ID: PZ-11-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 13:00
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/23/24 03:43
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	440		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	1.2		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-05 D Date Collected: 04/16/24 13:00

Client ID: PZ-11-04162024 Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	0.42	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	ND		ug/l	25	0.68	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	ND		ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-06 Date Collected: 04/16/24 12:20
Client ID: PZ-12-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 17:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	160		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.53		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-06 Date Collected: 04/16/24 12:20

Client ID: PZ-12-04162024 Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-07 Date Collected: 04/16/24 11:15
Client ID: PZ-13-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 17:31
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	100		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.6		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	9.7		ug/l	2.5	0.70	1
Trichloroethene	17		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-07 Date Collected: 04/16/24 11:15

Client ID: PZ-13-04162024 Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	40		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-08 D Date Collected: 04/16/24 11:50
Client ID: PZ-14-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 20:23
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	560		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	6.2		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	27		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-08 D Date Collected: 04/16/24 11:50

Client ID: PZ-14-04162024 Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	370		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	102		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-09 D
Client ID: MW-24S-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/17/24 07:25
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 19:59
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	100	28.	40
1,1-Dichloroethane	ND		ug/l	100	28.	40
Chloroform	ND		ug/l	100	28.	40
Carbon tetrachloride	ND		ug/l	20	5.4	40
1,2-Dichloropropane	ND		ug/l	40	5.5	40
Dibromochloromethane	ND		ug/l	20	6.0	40
1,1,2-Trichloroethane	ND		ug/l	60	20.	40
Tetrachloroethene	4200		ug/l	20	7.2	40
Chlorobenzene	ND		ug/l	100	28.	40
Trichlorofluoromethane	ND		ug/l	100	28.	40
1,2-Dichloroethane	ND		ug/l	20	5.3	40
1,1,1-Trichloroethane	ND		ug/l	100	28.	40
Bromodichloromethane	ND		ug/l	20	7.7	40
trans-1,3-Dichloropropene	ND		ug/l	20	6.6	40
cis-1,3-Dichloropropene	ND		ug/l	20	5.8	40
Bromoform	ND		ug/l	80	26.	40
1,1,2,2-Tetrachloroethane	ND		ug/l	20	6.7	40
Benzene	ND		ug/l	20	6.4	40
Toluene	ND		ug/l	100	28.	40
Ethylbenzene	ND		ug/l	100	28.	40
Chloromethane	ND		ug/l	100	28.	40
Bromomethane	ND		ug/l	100	28.	40
Vinyl chloride	ND		ug/l	40	2.8	40
Chloroethane	ND		ug/l	100	28.	40
1,1-Dichloroethene	ND		ug/l	20	6.8	40
trans-1,2-Dichloroethene	ND		ug/l	100	28.	40
Trichloroethene	ND		ug/l	20	7.0	40
1,2-Dichlorobenzene	ND		ug/l	100	28.	40

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-09 D Date Collected: 04/17/24 07:25
Client ID: MW-24S-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	100	28.	40
1,4-Dichlorobenzene	ND		ug/l	100	28.	40
Methyl tert butyl ether	ND		ug/l	100	6.6	40
p/m-Xylene	ND		ug/l	100	28.	40
o-Xylene	ND		ug/l	100	28.	40
cis-1,2-Dichloroethene	ND		ug/l	100	28.	40
Styrene	ND		ug/l	100	28.	40
Dichlorodifluoromethane	ND		ug/l	200	40.	40
Acetone	ND		ug/l	200	58.	40
Carbon disulfide	ND		ug/l	200	40.	40
2-Butanone	ND		ug/l	200	78.	40
4-Methyl-2-pentanone	ND		ug/l	200	40.	40
2-Hexanone	ND		ug/l	200	40.	40
Bromochloromethane	ND		ug/l	100	28.	40
1,2-Dibromoethane	ND		ug/l	80	26.	40
1,2-Dibromo-3-chloropropane	ND		ug/l	100	28.	40
Isopropylbenzene	ND		ug/l	100	28.	40
1,2,3-Trichlorobenzene	ND		ug/l	100	28.	40
1,2,4-Trichlorobenzene	ND		ug/l	100	28.	40
Methyl Acetate	ND		ug/l	80	9.4	40
Cyclohexane	ND		ug/l	400	11.	40
1,4-Dioxane	ND		ug/l	10000	2400	40
Freon-113	ND		ug/l	100	28.	40
Methyl cyclohexane	ND		ug/l	400	16.	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-10 D
Client ID: MW-24D-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 15:00
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 19:34
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	8.8		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	6.9		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	0.74	J	ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	1.4	J	ug/l	5.0	1.4	2
Trichloroethene	6.5		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-10 D Date Collected: 04/16/24 15:00
Client ID: MW-24D-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	250		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-11 D
Client ID: MW-23S-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 15:55
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 19:10
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	620		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	2.3	J	ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-11 D Date Collected: 04/16/24 15:55
Client ID: MW-23S-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-12 D
Client ID: MW-99-04162024
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY

Date Collected: 04/16/24 09:35
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/19/24 18:46
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	570		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	4.6	J	ug/l	12	3.5	5
Trichloroethene	120		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-12 D Date Collected: 04/16/24 09:35
Client ID: MW-99-04162024 Date Received: 04/17/24
Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	210		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	98		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-13 Date Collected: 04/16/24 00:00

Client ID: TRIP BLANK Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/19/24 17:06

Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

SAMPLE RESULTS

Lab ID: L2420931-13 Date Collected: 04/16/24 00:00

Client ID: TRIP BLANK Date Received: 04/17/24

Sample Location: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 16:39
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-13 Batch: WG1912057-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 16:39
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-13 Batch: WG1912057-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: BUFFALO DEVELOPMENT CORPORATIO
Project Number: Not Specified
Lab Number: L2420931
Report Date: 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 16:39
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-13 Batch: WG1912057-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	107		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/22/24 20:58
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1912280-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: BUFFALO DEVELOPMENT CORPORATIO **Lab Number:** L2420931

Project Number: Not Specified **Report Date:** 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/22/24 20:58
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1912280-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: BUFFALO DEVELOPMENT CORPORATIO
Project Number: Not Specified
Lab Number: L2420931
Report Date: 04/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/22/24 20:58
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1912280-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 Batch: WG1912057-3 WG1912057-4								
Methylene chloride	96		95		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	96		97		70-130	1		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	89		92		63-130	3		20
1,1,2-Trichloroethane	88		90		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	96		97		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	99		99		70-130	0		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	96		95		67-130	1		20
trans-1,3-Dichloropropene	88		89		70-130	1		20
cis-1,3-Dichloropropene	98		95		70-130	3		20
Bromoform	90		92		54-136	2		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	95		100		70-130	5		20
Toluene	97		97		70-130	0		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	100		97		64-130	3		20
Bromomethane	**28**	Q	**30**	Q	39-139	7		20
Vinyl chloride	95		92		55-140	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 Batch: WG1912057-3 WG1912057-4								
Chloroethane	91		87		55-138	4		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	94		93		70-130	1		20
1,2-Dichlorobenzene	96		97		70-130	1		20
1,3-Dichlorobenzene	96		97		70-130	1		20
1,4-Dichlorobenzene	96		96		70-130	0		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	97		99		63-138	2		20
4-Methyl-2-pentanone	90		100		59-130	11		20
2-Hexanone	89		95		57-130	7		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	94		97		70-130	3		20
1,2-Dibromo-3-chloropropane	78		86		41-144	10		20
Isopropylbenzene	97		98		70-130	1		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 Batch: WG1912057-3 WG1912057-4								
1,2,4-Trichlorobenzene	100		99		70-130	1		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	86		86		56-162	0		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		102		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1912280-3 WG1912280-4								
Methylene chloride	87		86		70-130	1		20
1,1-Dichloroethane	90		93		70-130	3		20
Chloroform	92		93		70-130	1		20
Carbon tetrachloride	86		85		63-132	1		20
1,2-Dichloropropane	90		91		70-130	1		20
Dibromochloromethane	96		90		63-130	6		20
1,1,2-Trichloroethane	93		92		70-130	1		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	77		75		62-150	3		20
1,2-Dichloroethane	90		89		70-130	1		20
1,1,1-Trichloroethane	93		93		67-130	0		20
Bromodichloromethane	89		88		67-130	1		20
trans-1,3-Dichloropropene	92		90		70-130	2		20
cis-1,3-Dichloropropene	90		91		70-130	1		20
Bromoform	89		86		54-136	3		20
1,1,2,2-Tetrachloroethane	92		90		67-130	2		20
Benzene	92		92		70-130	0		20
Toluene	95		93		70-130	2		20
Ethylbenzene	92		90		70-130	2		20
Chloromethane	72		73		64-130	1		20
Bromomethane	64		75		39-139	16		20
Vinyl chloride	74		73		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1912280-3 WG1912280-4								
Chloroethane	90		85		55-138	6		20
1,1-Dichloroethene	78		79		61-145	1		20
trans-1,2-Dichloroethene	94		93		70-130	1		20
Trichloroethene	83		81		70-130	2		20
1,2-Dichlorobenzene	93		91		70-130	2		20
1,3-Dichlorobenzene	92		93		70-130	1		20
1,4-Dichlorobenzene	91		91		70-130	0		20
Methyl tert butyl ether	94		96		63-130	2		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	94		93		70-130	1		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	70		68		36-147	3		20
Acetone	88		78		58-148	12		20
Carbon disulfide	76		76		51-130	0		20
2-Butanone	74		77		63-138	4		20
4-Methyl-2-pentanone	90		82		59-130	9		20
2-Hexanone	82		79		57-130	4		20
Bromochloromethane	96		97		70-130	1		20
1,2-Dibromoethane	97		95		70-130	2		20
1,2-Dibromo-3-chloropropane	91		91		41-144	0		20
Isopropylbenzene	92		91		70-130	1		20
1,2,3-Trichlorobenzene	98		97		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1912280-3 WG1912280-4								
1,2,4-Trichlorobenzene	94		94		70-130	0		20
Methyl Acetate	89		91		70-130	2		20
Cyclohexane	90		88		70-130	2		20
1,4-Dioxane	100		96		56-162	4		20
Freon-113	77		75		70-130	3		20
Methyl cyclohexane	90		86		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	98		99		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 QC Batch ID: WG1912057-6 WG1912057-7 QC Sample: L2420931-02 Client ID: MW-5R-04162024												
Methylene chloride	ND	20	20	100		21	105		70-130	5		20
1,1-Dichloroethane	ND	20	22	110		23	115		70-130	4		20
Chloroform	ND	20	20	100		21	105		70-130	5		20
Carbon tetrachloride	ND	20	23	115		24	120		63-132	4		20
1,2-Dichloropropane	ND	20	21	105		22	110		70-130	5		20
Dibromochloromethane	ND	20	17	85		19	95		63-130	11		20
1,1,2-Trichloroethane	ND	20	16	80		18	90		70-130	12		20
Tetrachloroethene	190	20	200	**50**	Q	210	100		70-130	5		20
Chlorobenzene	ND	20	20	100		21	105		75-130	5		20
Trichlorofluoromethane	ND	20	24	120		26	130		62-150	8		20
1,2-Dichloroethane	ND	20	20	100		20	100		70-130	0		20
1,1,1-Trichloroethane	ND	20	22	110		23	115		67-130	4		20
Bromodichloromethane	ND	20	18	90		19	95		67-130	5		20
trans-1,3-Dichloropropene	ND	20	16	80		18	90		70-130	12		20
cis-1,3-Dichloropropene	ND	20	17	85		19	95		70-130	11		20
Bromoform	ND	20	17	85		18	90		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	20	18	90		20	100		67-130	11		20
Benzene	ND	20	21	105		23	115		70-130	9		20
Toluene	ND	20	20	100		21	105		70-130	5		20
Ethylbenzene	ND	20	21	105		22	110		70-130	5		20
Chloromethane	ND	20	22	110		24	120		64-130	9		20
Bromomethane	ND	20	5.5	**28**	Q	7.0	**35**	Q	39-139	**24**	Q	20
Vinyl chloride	ND	20	21	105		22	110		55-140	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 QC Batch ID: WG1912057-6 WG1912057-7 QC Sample: L2420931-02 Client ID: MW-5R-04162024												
Chloroethane	ND	20	20	100		21	105		55-138	5		20
1,1-Dichloroethene	ND	20	23	115		24	120		61-145	4		20
trans-1,2-Dichloroethene	1.5J	20	23	115		24	120		70-130	4		20
Trichloroethene	38	20	59	105		61	115		70-130	3		20
1,2-Dichlorobenzene	ND	20	20	100		20	100		70-130	0		20
1,3-Dichlorobenzene	ND	20	20	100		21	105		70-130	5		20
1,4-Dichlorobenzene	ND	20	19	95		20	100		70-130	5		20
Methyl tert butyl ether	ND	20	18	90		20	100		63-130	11		20
p/m-Xylene	ND	40	41	103		43	108		70-130	5		20
o-Xylene	ND	40	40	100		42	105		70-130	5		20
cis-1,2-Dichloroethene	69	20	84	75		86	85		70-130	2		20
Styrene	ND	40	39	98		40	100		70-130	3		20
Dichlorodifluoromethane	ND	20	26	130		26	130		36-147	0		20
Acetone	ND	20	19	95		22	110		58-148	15		20
Carbon disulfide	ND	20	23	115		24	120		51-130	4		20
2-Butanone	ND	20	17	85		18	90		63-138	6		20
4-Methyl-2-pentanone	ND	20	17	85		19	95		59-130	11		20
2-Hexanone	ND	20	15	75		17	85		57-130	13		20
Bromochloromethane	ND	20	20	100		22	110		70-130	10		20
1,2-Dibromoethane	ND	20	18	90		19	95		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	20	15	75		16	80		41-144	6		20
Isopropylbenzene	ND	20	21	105		22	110		70-130	5		20
1,2,3-Trichlorobenzene	ND	20	19	95		20	100		70-130	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUFFALO DEVELOPMENT CORPORATIO

Project Number: Not Specified

Lab Number: L2420931

Report Date: 04/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-13 QC Batch ID: WG1912057-6 WG1912057-7 QC Sample: L2420931-02 Client ID: MW-5R-04162024												
1,2,4-Trichlorobenzene	ND	20	19	95		20	100		70-130	5		20
Methyl Acetate	ND	20	20	100		21	105		70-130	5		20
Cyclohexane	ND	20	28	**140**	Q	29	**145**	Q	70-130	4		20
1,4-Dioxane	ND	1000	760	76		810	81		56-162	6		20
Freon-113	ND	20	25	125		26	130		70-130	4		20
Methyl cyclohexane	ND	20	22	110		24	120		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
4-Bromofluorobenzene	92		93		70-130
Dibromofluoromethane	101		101		70-130
Toluene-d8	98		99		70-130

Project Name: BUFFALO DEVELOPMENT CORPORATIO
Project Number: Not Specified

Lab Number: L2420931
Report Date: 04/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420931-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02D	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02E	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02F	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02G	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02H	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-02I	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-03A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-03B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-03C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-04A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-04B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-04C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-05A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-05B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-05C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-06A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-06B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: BUFFALO DEVELOPMENT CORPORATIO
Project Number: Not Specified

Lab Number: L2420931
Report Date: 04/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420931-06C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-07A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-07B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-07C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-08A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-08B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-08C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-09A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-09B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-09C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-10A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-10B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-10C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-11A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-11B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-11C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-12A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-12B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-12C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-13A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2420931-13B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	BUFFALO DEVELOPMENT CORPORATIO	**Lab Number:**	L2420931
Project Number:	Not Specified	**Report Date:**	04/24/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUFFALO DEVELOPMENT CORPORATIO	**Lab Number:**	L2420931
Project Number:	Not Specified	**Report Date:**	04/24/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUFFALO DEVELOPMENT CORPORATIO	**Lab Number:**	L2420931
Project Number:	Not Specified	**Report Date:**	04/24/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 4/18/24

ALPHA Job #: L2420931

Project Information

Project Name: Buffalo Development Corporation
Project Location: 275 Franklin Street Buffalo, NY and 432 Pearl Street Buffalo, NY
(Use Project name as Project #)
Project Manager: Todd Waldrop
ALPHAQuote #:

Client Information

Client: Inventum Engineering
Address: 441 Carlisle Drive
Herndon, VA 20170
Phone: 571-752-6558
Email: Todd.waldrop@inventumeng.com; Peter.Baffram@inventumeng.com

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS: VOCs 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Sample Specific Comments	Total # Bottles
20931-01	PZ-4R-04162024	4/16/24	10:35	GW	CB	X		3
-02	MW-5R-04162024		9:30			X	MS/MSD Taken.	3
-03	PZ-5-04162024		13:40			X		3
-04	PZ-6-04162024		14:10			X		3
-05	PZ-11-04162024		13:00			X		3
-06	PZ-12-04162024		12:20			X		3
-07	PZ-13-04162024		11:15			X		3
-08	PZ-14-04162024		11:50			X		3
-09	MW-24S-04162024	4/17/2024	7:30			X	Sampled 4/17/24 @7:30	3
-10	MW-24D-04162024	4/16/2024	15:00	↓	↓	X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Corey Boynton	4/17/24 8:00	[illegible]	4/17/24 8:00
[illegible]	4/17/24 8:00	[illegible]	4/18/24 6:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 4/18/24

ALPHA Job #: L2420931

Client Information

Client: Inventum Engineering
Address: 441 Carlisle Drive
Herndon, VA 20170
Phone: 571-752-6558
Fax:
Email: Todd.waldrop@inventumeng.com; Peter.Zaffran@inventumeng.com

Project Information

Project Name: Buffalo Development Corp.
Project Location: 275 Franklin Street, Buffalo, NY and 432 Pearl Street Buffalo, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop.
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total # Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Sample Specific Comments	Total # Bottles
20931-11	MW-235-04162024	4/16/24	15:55	GW	CB	X		3
-12	MW-99-04162024	4/16/24	9:35	GW	CB	X		3
-13	TRIP BLANK	4/16/24	—		CB	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Corey Boyerton	4/17/2024 8:00	[illegible]	4/17/24 2000
[illegible]	4/17/24 2000	[illegible]	4/18/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2366755
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Lori Riker
Phone:	(716) 856-0599
Project Name:	275 FRANKLIN STREET SITE
Project Number:	0156-022-001
Report Date:	11/16/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2366755-01	MW-5R	WATER	BUFFALO,NY	11/08/23 09:50	11/09/23
L2366755-02	MW-23S	WATER	BUFFALO,NY	11/08/23 13:30	11/09/23
L2366755-03	MW-24S	WATER	BUFFALO,NY	11/08/23 10:50	11/09/23
L2366755-04	MW-24D	WATER	BUFFALO,NY	11/08/23 12:15	11/09/23
L2366755-05	PZ-4R	WATER	BUFFALO,NY	11/08/23 11:10	11/09/23
L2366755-06	PZ-5	WATER	BUFFALO,NY	11/08/23 12:20	11/09/23
L2366755-07	PZ-6	WATER	BUFFALO,NY	11/08/23 13:00	11/09/23
L2366755-08	PZ-11	WATER	BUFFALO,NY	11/08/23 11:35	11/09/23
L2366755-09	PZ-12	WATER	BUFFALO,NY	11/08/23 12:00	11/09/23
L2366755-10	PZ-13	WATER	BUFFALO,NY	11/08/23 09:50	11/09/23
L2366755-11	PZ-14	WATER	BUFFALO,NY	11/08/23 10:30	11/09/23
L2366755-12	BLIND DUP	WATER	BUFFALO,NY	11/08/23 08:00	11/09/23
L2366755-13	TRIP BLANK	WATER	BUFFALO,NY	11/08/23 00:00	11/09/23

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2366755-01: The sample identified as "MW-5R" on the chain of custody was identified as "MW-5" on the container label. At the client's request, the sample is reported as "MW-5R".

Volatile Organics

L2366755-03D: Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.
The WG1852717-6 M recoveries, performed on L2366755-11, are outside the acceptance criteria for tetrachloroethene (60%) and cis-1,2-dichloroethene (60%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich Caitlin Walukevich

Title: Technical Director/Representative Date: 11/16/23

ORGANICS

VOLATILES

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-01 D
Client ID: MW-5R
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 09:50
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/14/23 12:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	790		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	3.6	J	ug/l	12	3.5	5
Trichloroethene	130		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-01 D Date Collected: 11/08/23 09:50
Client ID: MW-5R Date Received: 11/09/23
Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	300		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-02 D
Client ID: MW-23S
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 13:30
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/13/23 11:40
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	570		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	1.4	J	ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-02 D
Client ID: MW-23S
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 13:30
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-03 D2
Client ID: MW-24S
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 10:50
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/14/23 12:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	2100	E	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	25		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-03 D2 Date Collected: 11/08/23 10:50
Client ID: MW-24S Date Received: 11/09/23
Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	98		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-03 D
Client ID: MW-24S
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 10:50
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/13/23 12:06
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	1200		ug/l	10	3.6	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-04
Client ID: MW-24D
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 12:15
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 16:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	31		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.72	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.34	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.80	J	ug/l	2.5	0.70	1
Trichloroethene	8.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-04 Date Collected: 11/08/23 12:15

Client ID: MW-24D Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	140		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-05 D
Client ID: PZ-4R
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 11:10
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/13/23 22:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	1800		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	22		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-05 D
Client ID: PZ-4R
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 11:10
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	11	J	ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	97		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-06
Client ID: PZ-5
Sample Location: BUFFALO,NY
Date Collected: 11/08/23 12:20
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/13/23 21:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	190		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.30	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-06 Date Collected: 11/08/23 12:20

Client ID: PZ-5 Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-07 D
Client ID: PZ-6
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 13:00
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 17:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	170		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	0.60	J	ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-07 D
Client ID: PZ-6
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 13:00
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-08 D
Client ID: PZ-11
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 11:35
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 16:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	1900		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	3.7	J	ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-08 D
Client ID: PZ-11
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 11:35
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-09
Client ID: PZ-12
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 12:00
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 15:58
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.82	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	150		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.77		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-09 Date Collected: 11/08/23 12:00

Client ID: PZ-12 Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-10
Client ID: PZ-13
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 09:50
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/14/23 17:18
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	170		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	7.6		ug/l	1.0	0.07	1
Chloroethane	0.72	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	12		ug/l	2.5	0.70	1
Trichloroethene	12		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-10 Date Collected: 11/08/23 09:50

Client ID: PZ-13 Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	33		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-11 D
Client ID: PZ-14
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 10:30
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/14/23 17:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	540		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	8.2		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.1	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	5.3	J	ug/l	12	3.5	5
Trichloroethene	34		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-11 D
Client ID: PZ-14
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 10:30
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	650		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-12
Client ID: BLIND DUP
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 08:00
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 15:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	150		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	6.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	11		ug/l	2.5	0.70	1
Trichloroethene	9.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-12 Date Collected: 11/08/23 08:00

Client ID: BLIND DUP Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	32		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-13
Client ID: TRIP BLANK
Sample Location: BUFFALO,NY

Date Collected: 11/08/23 00:00
Date Received: 11/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/12/23 15:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

SAMPLE RESULTS

Lab ID: L2366755-13 Date Collected: 11/08/23 00:00

Client ID: TRIP BLANK Date Received: 11/09/23

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 10:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1851948-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 10:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1851948-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 10:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1851948-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 21:00
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1852570-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 21:00
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1852570-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/13/23 21:00
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1852570-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	109		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/23 09:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07-09,12-13 Batch: WG1852611-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/23 09:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07-09,12-13 Batch: WG1852611-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/23 09:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07-09,12-13 Batch: WG1852611-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 275 FRANKLIN STREET SITE **Lab Number:** L2366755

Project Number: 0156-022-001 **Report Date:** 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/14/23 09:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,10-11 Batch: WG1852717-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/14/23 09:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,10-11 Batch: WG1852717-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/14/23 09:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,10-11 Batch: WG1852717-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1851948-3 WG1851948-4								
Methylene chloride	96		94		70-130	2		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	99		96		70-130	3		20
Carbon tetrachloride	95		91		63-132	4		20
1,2-Dichloropropane	100		98		70-130	2		20
Dibromochloromethane	96		96		63-130	0		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	98		97		75-130	1		20
Trichlorofluoromethane	80		76		62-150	5		20
1,2-Dichloroethane	99		98		70-130	1		20
1,1,1-Trichloroethane	99		94		67-130	5		20
Bromodichloromethane	97		95		67-130	2		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		98		70-130	2		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	99		95		70-130	4		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	88		91		64-130	3		20
Bromomethane	75		64		39-139	16		20
Vinyl chloride	85		83		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1851948-3 WG1851948-4								
Chloroethane	84		79		55-138	6		20
1,1-Dichloroethene	80		76		61-145	5		20
trans-1,2-Dichloroethene	98		94		70-130	4		20
Trichloroethene	87		83		70-130	5		20
1,2-Dichlorobenzene	96		96		70-130	0		20
1,3-Dichlorobenzene	96		94		70-130	2		20
1,4-Dichlorobenzene	94		92		70-130	2		20
Methyl tert butyl ether	93		96		63-130	3		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	97		94		70-130	3		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	80		82		36-147	2		20
Acetone	94		91		58-148	3		20
Carbon disulfide	80		74		51-130	8		20
2-Butanone	94		93		63-138	1		20
4-Methyl-2-pentanone	88		94		59-130	7		20
2-Hexanone	90		97		57-130	7		20
Bromochloromethane	97		93		70-130	4		20
1,2-Dibromoethane	97		99		70-130	2		20
1,2-Dibromo-3-chloropropane	88		92		41-144	4		20
Isopropylbenzene	97		95		70-130	2		20
1,2,3-Trichlorobenzene	89		93		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1851948-3 WG1851948-4								
1,2,4-Trichlorobenzene	90		90		70-130	0		20
Methyl Acetate	95		100		70-130	5		20
Cyclohexane	98		94		70-130	4		20
1,4-Dioxane	86		90		56-162	5		20
Freon-113	83		79		70-130	5		20
Methyl cyclohexane	91		88		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	108		104		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1852570-3 WG1852570-4								
Methylene chloride	89		89		70-130	0		20
1,1-Dichloroethane	97		97		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	78		77		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	94		95		70-130	1		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	93		95		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	99		99		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	58		58		39-139	0		20
Vinyl chloride	94		92		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001
Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1852570-3 WG1852570-4								
Chloroethane	88		86		55-138	2		20
1,1-Dichloroethene	74		75		61-145	1		20
trans-1,2-Dichloroethene	94		95		70-130	1		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		94		63-130	9		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	97		98		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	96		95		36-147	1		20
Acetone	90		88		58-148	2		20
Carbon disulfide	83		83		51-130	0		20
2-Butanone	81		92		63-138	13		20
4-Methyl-2-pentanone	90		93		59-130	3		20
2-Hexanone	86		90		57-130	5		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	97		98		41-144	1		20
Isopropylbenzene	94		93		70-130	1		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1852570-3 WG1852570-4								
1,2,4-Trichlorobenzene	99		100		70-130	1		20
Methyl Acetate	95		95		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	84		82		56-162	2		20
Freon-113	80		81		70-130	1		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	100		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07-09,12-13 Batch: WG1852611-3 WG1852611-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	93		95		63-130	2		20
1,1,2-Trichloroethane	95		97		70-130	2		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	96		94		75-130	2		20
Trichlorofluoromethane	96		94		62-150	2		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	98		97		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	78		83		54-136	6		20
1,1,2,2-Tetrachloroethane	92		98		67-130	6		20
Benzene	100		100		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	90		93		64-130	3		20
Bromomethane	81		69		39-139	16		20
Vinyl chloride	97		94		55-140	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07-09,12-13 Batch: WG1852611-3 WG1852611-4								
Chloroethane	100		96		55-138	4		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	92		92		70-130	0		20
1,2-Dichlorobenzene	91		91		70-130	0		20
1,3-Dichlorobenzene	93		89		70-130	4		20
1,4-Dichlorobenzene	91		87		70-130	4		20
Methyl tert butyl ether	97		100		63-130	3		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	87		91		36-147	4		20
Acetone	100		100		58-148	0		20
Carbon disulfide	95		90		51-130	5		20
2-Butanone	94		100		63-138	6		20
4-Methyl-2-pentanone	80		91		59-130	13		20
2-Hexanone	82		92		57-130	11		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	94		97		70-130	3		20
1,2-Dibromo-3-chloropropane	78		88		41-144	12		20
Isopropylbenzene	93		90		70-130	3		20
1,2,3-Trichlorobenzene	82		86		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07-09,12-13 Batch: WG1852611-3 WG1852611-4								
1,2,4-Trichlorobenzene	86		84		70-130	2		20
Methyl Acetate	96		100		70-130	4		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	86		106		56-162	**21**	Q	20
Freon-113	99		95		70-130	4		20
Methyl cyclohexane	100		96		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		99		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 Batch: WG1852717-3 WG1852717-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	93		91		63-132	2		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		96		63-130	2		20
1,1,2-Trichloroethane	120		120		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	82		82		62-150	0		20
1,2-Dichloroethane	92		91		70-130	1		20
1,1,1-Trichloroethane	97		94		67-130	3		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	120		110		70-130	9		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	89		86		64-130	3		20
Bromomethane	87		77		39-139	12		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 Batch: WG1852717-3 WG1852717-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	115		115		70-130	0		20
o-Xylene	115		115		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	115		115		70-130	0		20
Dichlorodifluoromethane	79		75		36-147	5		20
Acetone	74		75		58-148	1		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	89		88		63-138	1		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	95		97		57-130	2		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	100		99		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 Batch: WG1852717-3 WG1852717-4								
1,2,4-Trichlorobenzene	98		95		70-130	3		20
Methyl Acetate	89		90		70-130	1		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	110		112		56-162	2		20
Freon-113	98		97		70-130	1		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		90		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	107		104		70-130
Dibromofluoromethane	90		92		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE

Project Number: 0156-022-001

Lab Number: L2366755

Report Date: 11/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 QC Batch ID: WG1852717-6 WG1852717-7 QC Sample: L2366755-11 Client ID: PZ-14												
Methylene chloride	ND	50	52	104		53	106		70-130	2		20
1,1-Dichloroethane	ND	50	51	102		52	104		70-130	2		20
Chloroform	ND	50	55	110		58	116		70-130	5		20
Carbon tetrachloride	ND	50	55	110		59	118		63-132	7		20
1,2-Dichloropropane	ND	50	51	102		50	100		70-130	2		20
Dibromochloromethane	ND	50	47	94		48	96		63-130	2		20
1,1,2-Trichloroethane	ND	50	51	102		51	102		70-130	0		20
Tetrachloroethene	540	50	570	**60**	Q	600	120		70-130	5		20
Chlorobenzene	ND	50	46	92		49	98		75-130	6		20
Trichlorofluoromethane	ND	50	52	104		53	106		62-150	2		20
1,2-Dichloroethane	ND	50	55	110		55	110		70-130	0		20
1,1,1-Trichloroethane	ND	50	57	114		58	116		67-130	2		20
Bromodichloromethane	ND	50	53	106		54	108		67-130	2		20
trans-1,3-Dichloropropene	ND	50	52	104		54	108		70-130	4		20
cis-1,3-Dichloropropene	ND	50	50	100		52	104		70-130	4		20
Bromoform	ND	50	46	92		46	92		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	50	48	96		50	100		67-130	4		20
Benzene	ND	50	53	106		56	112		70-130	6		20
Toluene	ND	50	49	98		52	104		70-130	6		20
Ethylbenzene	ND	50	50	100		53	106		70-130	6		20
Chloromethane	ND	50	43	86		45	90		64-130	5		20
Bromomethane	ND	50	35	70		45	90		39-139	**25**	Q	20
Vinyl chloride	8.2	50	59	102		62	108		55-140	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE

Project Number: 0156-022-001

Lab Number: L2366755

Report Date: 11/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 QC Batch ID: WG1852717-6 WG1852717-7 QC Sample: L2366755-11 Client ID: PZ-14												
Chloroethane	ND	50	58	116		60	120		55-138	3		20
1,1-Dichloroethene	1.1J	50	51	102		52	104		61-145	2		20
trans-1,2-Dichloroethene	5.3J	50	55	110		57	114		70-130	4		20
Trichloroethene	34	50	84	100		88	108		70-130	5		20
1,2-Dichlorobenzene	ND	50	46	92		47	94		70-130	2		20
1,3-Dichlorobenzene	ND	50	45	90		48	96		70-130	6		20
1,4-Dichlorobenzene	ND	50	45	90		48	96		70-130	6		20
Methyl tert butyl ether	ND	50	51	102		51	102		63-130	0		20
p/m-Xylene	ND	100	100	100		110	110		70-130	10		20
o-Xylene	ND	100	100	100		110	110		70-130	10		20
cis-1,2-Dichloroethene	650	50	680	**60**	Q	700	100		70-130	3		20
Styrene	ND	100	100	100		110	110		70-130	10		20
Dichlorodifluoromethane	ND	50	44	88		46	92		36-147	4		20
Acetone	ND	50	41	82		40	80		58-148	2		20
Carbon disulfide	ND	50	51	102		54	108		51-130	6		20
2-Butanone	ND	50	41	82		43	86		63-138	5		20
4-Methyl-2-pentanone	ND	50	48	96		48	96		59-130	0		20
2-Hexanone	ND	50	43	86		43	86		57-130	0		20
Bromochloromethane	ND	50	51	102		51	102		70-130	0		20
1,2-Dibromoethane	ND	50	46	92		47	94		70-130	2		20
1,2-Dibromo-3-chloropropane	ND	50	41	82		46	92		41-144	11		20
Isopropylbenzene	ND	50	48	96		51	102		70-130	6		20
1,2,3-Trichlorobenzene	ND	50	40	80		46	92		70-130	14		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 275 FRANKLIN STREET SITE

Project Number: 0156-022-001

Lab Number: L2366755

Report Date: 11/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,10-11 QC Batch ID: WG1852717-6 WG1852717-7 QC Sample: L2366755-11 Client ID: PZ-14												
1,2,4-Trichlorobenzene	ND	50	40	80		43	86		70-130	7		20
Methyl Acetate	ND	50	43	86		45	90		70-130	5		20
Cyclohexane	ND	50	52	104		53	106		70-130	2		20
1,4-Dioxane	ND	2500	2600	104		2600	104		56-162	0		20
Freon-113	ND	50	48	96		51	102		70-130	6		20
Methyl cyclohexane	ND	50	52	104		54	108		70-130	4		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		119		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	101		101		70-130
Toluene-d8	103		104		70-130

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2366755-01A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-01B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-01C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-02A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-02B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-02C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-03A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-03B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-03C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-04A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-04B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-04C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-05A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-05B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-05C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-06A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-06B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-06C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-07A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-07B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-07C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-08A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-08B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2366755-08C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-09A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-09B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-09C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-10A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-10B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-10C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11A1	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11A2	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11B1	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11B2	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11C1	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-11C2	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-12A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-12B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-12C	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-13A	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2366755-13B	Vial HCl preserved	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	275 FRANKLIN STREET SITE	**Lab Number:**	L2366755
Project Number:	0156-022-001	**Report Date:**	11/16/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab 11/10/23

ALPHA Job # L2366755

Client Information
Client: Roux Inc.
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: lmiller@rouxinc.com

Project Information
Project Name: 275 Franklin Street Site
Project Location: Buffalo, NY
Project # 0156-022-001
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL volatiles EPA-8260D	Sample Specific Comments	Total Bottle
66755-01	MW-5R	11-8-23	0950	water	CEH	X		
-02	MW-23S		1330			X		
-03	MW-24S		1050			X		
-04	MW-24D		1215			X		
-05	PZ-4R		1110			X		
-06	PZ-5		1220			X		
-07	PZ-6		1300			X		
-08	PZ-11		1135			X		
-09	PZ-12		1200			X		
-10	PZ-13	↓	0950	↓	↓	X		

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hochreiter	11-8-23 / 1500	[signature] MAC	11/9/23 1250
[signature] MAC	11/9/23 1310	[signature]	11/10/23 0820

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab 11/10/23

ALPHA Job # L2366755

Client Information
Client: Roux Inc.
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: lmiller@rouxinc.com

Project Information
Project Name: 275 Franklin Street Site
Project Location: Buffalo, NY
Project # 0156-022-001
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs EPA-8260D	Sample Specific Comments	Total Bottle
66755-11	PZ-14	11-8-23	1030	water	CEH	X		
-11	MS	11-8-23	1030	water	CEH	X		
-11	MSD	11-8-23	1030	water	CEH	X		
-12	Blind Dup	11-8-23	0800	water	CEH	X		
-13	Trip blank	11-8-23		water	CEH	X		

Container Type: ✓
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Christa Hardcastle	11-8-23/1500		
FedEx	11/9/23 1310		11/9/23 1250
			11/10/23 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Data Package



ANALYTICAL. LIFE. SERVICE.

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 16, 2023

Thomas Palmer
NYDEC_GES - Amherst, NY
6010 North Bailey Ave., Suite 1
Amherst, NY 14226

Project Location: 250 Franklin St, Buffalo, NY
Client Job Number:
Project Number: C915208A
Laboratory Work Order Number: 23K1148

Enclosed are results of analyses for samples as received by the laboratory on November 9, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

23K1148-01 5

23K1148-02 7

23K1148-03 9

23K1148-04 11

23K1148-05 13

23K1148-06 15

Sample Preparation Information 17

QC Data 18

Volatile Organic Compounds by GC/MS 18

B357872 18

B357980 23

Flag/Qualifier Summary 28

Certifications 29

Chain of Custody/Sample Receipt 31

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_GES - Amherst, NY
6010 North Bailey Ave., Suite 1
Amherst, NY 14226
ATTN: Thomas Palmer

REPORT DATE: 11/16/2023

PURCHASE ORDER NUMBER: 144192

PROJECT NUMBER: C915208A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23K1148

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 250 Franklin St, Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-25S	23K1148-01	Ground Water		SW-846 8260D	
MW-26S	23K1148-02	Ground Water		SW-846 8260D	
MW-27S	23K1148-03	Ground Water		SW-846 8260D	
MW-23D	23K1148-04	Ground Water		SW-846 8260D	
DUP	23K1148-05	Ground Water		SW-846 8260D	
Trip Blank	23K1148-06	Trip Blank Water		SW-846 8260D	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23K1148-02[MW-26S], 23K1148-05[DUP]

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B357980-BS1, B357980-BSD1, S096354-CCV1

Trichlorofluoromethane (Freon 11)
S096328-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-25S Sampled: 11/7/2023 09:20

Sample ID: 23K1148-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.4	50	2.0	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloroform	0.67	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1-Dichloroethylene	0.44	1.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
cis-1,2-Dichloroethylene	260	20	2.8	µg/L	20		SW-846 8260D	11/12/23	11/14/23 20:25	MFF
trans-1,2-Dichloroethylene	2.4	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Tetrachloroethylene	240	20	3.4	µg/L	20		SW-846 8260D	11/12/23	11/14/23 20:25	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-25S | Sampled: 11/7/2023 09:20

Sample ID: 23K1148-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Trichloroethylene	34	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Vinyl Chloride	0.59	2.0	0.24	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		11/13/23 14:34
1,2-Dichloroethane-d4	107	70-130		11/14/23 20:25
Toluene-d8	101	70-130		11/13/23 14:34
Toluene-d8	100	70-130		11/14/23 20:25
4-Bromofluorobenzene	96.9	70-130		11/13/23 14:34
4-Bromofluorobenzene	86.5	70-130		11/14/23 20:25

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-26S Sampled: 11/7/2023 10:20

Sample ID: 23K1148-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	20	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Benzene	ND	10	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromochloromethane	ND	10	2.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromodichloromethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromoform	ND	10	4.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromomethane	ND	20	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
2-Butanone (MEK)	ND	200	17	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Carbon Disulfide	ND	50	16	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Carbon Tetrachloride	ND	50	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chlorobenzene	ND	10	1.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chlorodibromomethane	ND	5.0	2.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloroethane	ND	20	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloroform	ND	20	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloromethane	ND	20	5.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Cyclohexane	ND	50	18	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	8.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dibromoethane (EDB)	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,3-Dichlorobenzene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,4-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1-Dichloroethane	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichloroethane	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1-Dichloroethylene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
cis-1,2-Dichloroethylene	43	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichloropropane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
cis-1,3-Dichloropropene	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
trans-1,3-Dichloropropene	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,4-Dioxane	ND	500	180	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Ethylbenzene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
2-Hexanone (MBK)	ND	100	12	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Isopropylbenzene (Cumene)	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl Acetate	ND	10	6.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl Cyclohexane	ND	10	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methylene Chloride	ND	50	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Styrene	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Tetrachloroethylene	610	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Toluene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2,3-Trichlorobenzene	ND	50	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2,4-Trichlorobenzene	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-26S Sampled: 11/7/2023 10:20

Sample ID: 23K1148-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2-Trichloroethane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Trichloroethylene	13	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Trichlorofluoromethane (Freon 11)	ND	20	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Vinyl Chloride	ND	20	2.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Xylenes (total)	ND	10	10	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		11/13/23 15:00
Toluene-d8	100	70-130		11/13/23 15:00
4-Bromofluorobenzene	97.4	70-130		11/13/23 15:00

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-27S Sampled: 11/7/2023 11:25

Sample ID: 23K1148-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.8	50	2.0	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloroform	1.9	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Tetrachloroethylene	5.1	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-27S | Sampled: 11/7/2023 11:25

Sample ID: 23K1148-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		11/13/23 13:42
Toluene-d8	100	70-130		11/13/23 13:42
4-Bromofluorobenzene	97.5	70-130		11/13/23 13:42

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-23D | Sampled: 11/7/2023 13:10

Sample ID: 23K1148-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloroform	0.34	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Tetrachloroethylene	0.47	1.0	0.17	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-23D | Sampled: 11/7/2023 13:10

Sample ID: 23K1148-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		11/13/23 14:08
Toluene-d8	99.4	70-130		11/13/23 14:08
4-Bromofluorobenzene	97.5	70-130		11/13/23 14:08

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: DUP | Sampled: 11/7/2023 00:00

Sample ID: 23K1148-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	20	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Benzene	ND	10	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromochloromethane	ND	10	2.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromodichloromethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromoform	ND	10	4.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromomethane	ND	20	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
2-Butanone (MEK)	ND	200	17	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Carbon Disulfide	ND	50	16	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Carbon Tetrachloride	ND	50	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chlorobenzene	ND	10	1.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chlorodibromomethane	ND	5.0	2.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloroethane	ND	20	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloroform	ND	20	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloromethane	ND	20	5.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Cyclohexane	ND	50	18	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	8.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dibromoethane (EDB)	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,3-Dichlorobenzene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,4-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1-Dichloroethane	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichloroethane	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1-Dichloroethylene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
cis-1,2-Dichloroethylene	41	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichloropropane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
cis-1,3-Dichloropropene	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
trans-1,3-Dichloropropene	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,4-Dioxane	ND	500	180	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Ethylbenzene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
2-Hexanone (MBK)	ND	100	12	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Isopropylbenzene (Cumene)	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl Acetate	ND	10	6.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl Cyclohexane	ND	10	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methylene Chloride	ND	50	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Styrene	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Tetrachloroethylene	610	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Toluene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2,3-Trichlorobenzene	ND	50	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2,4-Trichlorobenzene	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: DUP | Sampled: 11/7/2023 00:00

Sample ID: 23K1148-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2-Trichloroethane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Trichloroethylene	14	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Trichlorofluoromethane (Freon 11)	ND	20	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Vinyl Chloride	ND	20	2.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Xylenes (total)	ND	10	10	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		11/13/23 15:26
Toluene-d8	100	70-130		11/13/23 15:26
4-Bromofluorobenzene	96.1	70-130		11/13/23 15:26

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: Trip Blank Sampled: 11/7/2023 00:00

Sample ID: 23K1148-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.0	50	2.0	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: Trip Blank | Sampled: 11/7/2023 00:00

Sample ID: 23K1148-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		11/13/23 11:57
Toluene-d8	99.2	70-130		11/13/23 11:57
4-Bromofluorobenzene	97.0	70-130		11/13/23 11:57

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23K1148-01 [MW-25S]	B357872	5	5.00	11/12/23
23K1148-02 [MW-26S]	B357872	0.5	5.00	11/12/23
23K1148-03 [MW-27S]	B357872	5	5.00	11/12/23
23K1148-04 [MW-23D]	B357872	5	5.00	11/12/23
23K1148-05 [DUP]	B357872	0.5	5.00	11/12/23
23K1148-06 [Trip Blank]	B357872	5	5.00	11/12/23

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23K1148-01RE1 [MW-25S]	B357980	0.25	5.00	11/12/23

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
Blank (B357872-BLK1)				Prepared: 11/12/23 Analyzed: 11/13/23						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
Blank (B357872-BLK1)				Prepared: 11/12/23 Analyzed: 11/13/23						
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.3	70-130			
LCS (B357872-BS1)				Prepared: 11/12/23 Analyzed: 11/13/23						
Acetone	108	50	µg/L	100		108	70-160			†
Benzene	9.77	1.0	µg/L	10.0		97.7	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.0		103	70-130			
Bromodichloromethane	11.1	0.50	µg/L	10.0		111	70-130			
Bromoform	10.9	1.0	µg/L	10.0		109	70-130			
Bromomethane	8.40	2.0	µg/L	10.0		84.0	40-160			†
2-Butanone (MEK)	98.8	20	µg/L	100		98.8	40-160			†
Carbon Disulfide	112	5.0	µg/L	100		112	70-130			
Carbon Tetrachloride	9.83	5.0	µg/L	10.0		98.3	70-130			
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130			
Chlorodibromomethane	11.1	0.50	µg/L	10.0		111	70-130			
Chloroethane	11.0	2.0	µg/L	10.0		110	70-130			
Chloroform	10.6	2.0	µg/L	10.0		106	70-130			
Chloromethane	8.67	2.0	µg/L	10.0		86.7	40-160			†
Cyclohexane	9.03	5.0	µg/L	10.0		90.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	11.6	5.0	µg/L	10.0		116	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130			
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130			
1,3-Dichlorobenzene	9.82	1.0	µg/L	10.0		98.2	70-130			
1,4-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8	70-130			
Dichlorodifluoromethane (Freon 12)	11.1	2.0	µg/L	10.0		111	40-160			†
1,1-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,2-Dichloroethane	12.2	1.0	µg/L	10.0		122	70-130			
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130			
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	70-130			
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130			
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130			
1,4-Dioxane	102	50	µg/L	100		102	40-130			†
Ethylbenzene	10.0	1.0	µg/L	10.0		100	70-130			
2-Hexanone (MBK)	104	10	µg/L	100		104	70-160			†
Isopropylbenzene (Cumene)	9.64	1.0	µg/L	10.0		96.4	70-130			
Methyl Acetate	9.47	1.0	µg/L	10.0		94.7	70-130			
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104	70-130			
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103	70-130			
Methylene Chloride	8.98	5.0	µg/L	10.0		89.8	70-130			
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-160			†
Styrene	10.1	1.0	µg/L	10.0		101	70-130			
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118	70-130			
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Toluene	10.1	1.0	µg/L	10.0		101	70-130			
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.0		105	70-130			
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130			
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
LCS (B357872-BS1)				Prepared: 11/12/23 Analyzed: 11/13/23						
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130			
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Trichlorofluoromethane (Freon 11)	11.4	2.0	µg/L	10.0		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0		116	70-130			
Vinyl Chloride	10.8	2.0	µg/L	10.0		108	40-160			†
m+p Xylene	19.7	2.0	µg/L	20.0		98.6	70-130			
o-Xylene	9.83	1.0	µg/L	10.0		98.3	70-130			
Xylenes (total)	29.6	1.0	µg/L	30.0		98.5	0-200			
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.3	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.2	70-130			
LCS Dup (B357872-BSD1)				Prepared: 11/12/23 Analyzed: 11/13/23						
Acetone	104	50	µg/L	100		104	70-160	3.47	25	†
Benzene	9.56	1.0	µg/L	10.0		95.6	70-130	2.17	25	
Bromochloromethane	10.2	1.0	µg/L	10.0		102	70-130	1.27	25	
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130	2.83	25	
Bromoform	10.8	1.0	µg/L	10.0		108	70-130	0.646	25	
Bromomethane	8.19	2.0	µg/L	10.0		81.9	40-160	2.53	25	†
2-Butanone (MEK)	97.9	20	µg/L	100		97.9	40-160	0.946	25	†
Carbon Disulfide	108	5.0	µg/L	100		108	70-130	3.00	25	
Carbon Tetrachloride	9.87	5.0	µg/L	10.0		98.7	70-130	0.406	25	
Chlorobenzene	9.94	1.0	µg/L	10.0		99.4	70-130	2.88	25	
Chlorodibromomethane	11.1	0.50	µg/L	10.0		111	70-130	0.181	25	
Chloroethane	11.0	2.0	µg/L	10.0		110	70-130	0.00	25	
Chloroform	10.6	2.0	µg/L	10.0		106	70-130	0.755	25	
Chloromethane	8.64	2.0	µg/L	10.0		86.4	40-160	0.347	25	†
Cyclohexane	8.76	5.0	µg/L	10.0		87.6	70-130	3.04	25	
1,2-Dibromo-3-chloropropane (DBCP)	11.3	5.0	µg/L	10.0		113	70-130	2.53	25	
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130	0.00	25	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.693	25	
1,3-Dichlorobenzene	9.61	1.0	µg/L	10.0		96.1	70-130	2.16	25	
1,4-Dichlorobenzene	9.59	1.0	µg/L	10.0		95.9	70-130	2.98	25	
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.0		107	40-160	3.12	25	†
1,1-Dichloroethane	9.69	1.0	µg/L	10.0		96.9	70-130	3.55	25	
1,2-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130	8.92	25	
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	3.76	25	
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130	0.0999	25	
trans-1,2-Dichloroethylene	9.78	1.0	µg/L	10.0		97.8	70-130	3.32	25	
1,2-Dichloropropane	10.0	1.0	µg/L	10.0		100	70-130	1.78	25	
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130	2.40	25	
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130	1.95	25	
1,4-Dioxane	104	50	µg/L	100		104	40-130	2.07	50	† ‡
Ethylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130	2.42	25	
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	1.48	25	†
Isopropylbenzene (Cumene)	9.47	1.0	µg/L	10.0		94.7	70-130	1.78	25	
Methyl Acetate	10.0	1.0	µg/L	10.0		100	70-130	5.44	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130	0.964	25	
Methyl Cyclohexane	9.56	1.0	µg/L	10.0		95.6	70-130	7.74	25	
Methylene Chloride	8.93	5.0	µg/L	10.0		89.3	70-130	0.558	25	
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160	1.92	25	†
Styrene	9.93	1.0	µg/L	10.0		99.3	70-130	1.90	25	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
LCS Dup (B357872-BSD1)				Prepared: 11/12/23 Analyzed: 11/13/23						
1,1,2,2-Tetrachloroethane	11.6	0.50	µg/L	10.0		116	70-130	1.45	25	
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130	2.25	25	
Toluene	9.84	1.0	µg/L	10.0		98.4	70-130	3.00	25	
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.0		102	70-130	2.99	25	
1,2,4-Trichlorobenzene	9.77	1.0	µg/L	10.0		97.7	70-130	5.38	25	
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	0.186	25	
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	1.26	25	
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	3.19	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130	6.82	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	1.0	µg/L	10.0		115	70-130	0.782	25	
Vinyl Chloride	10.6	2.0	µg/L	10.0		106	40-160	2.52	25	†
m+p Xylene	19.3	2.0	µg/L	20.0		96.6	70-130	2.10	25	
o-Xylene	9.66	1.0	µg/L	10.0		96.6	70-130	1.74	25	
Xylenes (total)	29.0	1.0	µg/L	30.0		96.6	0-200	1.98		
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.3	70-130			
Matrix Spike (B357872-MS1)	**Source: 23K1148-04**			Prepared: 11/12/23 Analyzed: 11/13/23						
Acetone	104	50	µg/L	100	ND	104	70-130			
Benzene	10.1	1.0	µg/L	10.0	ND	101	70-130			
Bromochloromethane	10.6	1.0	µg/L	10.0	ND	106	70-130			
Bromodichloromethane	10.6	0.50	µg/L	10.0	ND	106	70-130			
Bromoform	9.79	1.0	µg/L	10.0	ND	97.9	70-130			
Bromomethane	7.67	2.0	µg/L	10.0	ND	76.7	70-130			
2-Butanone (MEK)	97.4	20	µg/L	100	ND	97.4	70-130			
Carbon Disulfide	116	5.0	µg/L	100	ND	116	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.0	ND	104	70-130			
Chlorobenzene	9.50	1.0	µg/L	10.0	ND	95.0	70-130			
Chlorodibromomethane	10.5	0.50	µg/L	10.0	ND	105	70-130			
Chloroethane	11.5	2.0	µg/L	10.0	ND	115	70-130			
Chloroform	11.3	2.0	µg/L	10.0	0.340	110	70-130			
Chloromethane	9.02	2.0	µg/L	10.0	ND	90.2	70-130			
Cyclohexane	9.51	5.0	µg/L	10.0	ND	95.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0	ND	103	70-130			
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0	ND	110	70-130			
1,2-Dichlorobenzene	9.47	1.0	µg/L	10.0	ND	94.7	70-130			
1,3-Dichlorobenzene	9.32	1.0	µg/L	10.0	ND	93.2	70-130			
1,4-Dichlorobenzene	9.13	1.0	µg/L	10.0	ND	91.3	70-130			
Dichlorodifluoromethane (Freon 12)	11.9	2.0	µg/L	10.0	ND	119	70-130			
1,1-Dichloroethane	10.3	1.0	µg/L	10.0	ND	103	70-130			
1,2-Dichloroethane	11.3	1.0	µg/L	10.0	ND	113	70-130			
1,1-Dichloroethylene	11.7	1.0	µg/L	10.0	ND	117	70-130			
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0	ND	101	70-130			
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0	ND	106	70-130			
1,2-Dichloropropane	10.0	1.0	µg/L	10.0	ND	100	70-130			
cis-1,3-Dichloropropene	9.33	0.50	µg/L	10.0	ND	93.3	70-130			
trans-1,3-Dichloropropene	9.76	0.50	µg/L	10.0	ND	97.6	70-130			
1,4-Dioxane	96.4	50	µg/L	100	ND	96.4	70-130			
Ethylbenzene	9.74	1.0	µg/L	10.0	ND	97.4	70-130			
2-Hexanone (MBK)	98.5	10	µg/L	100	ND	98.5	70-130			
Isopropylbenzene (Cumene)	9.43	1.0	µg/L	10.0	ND	94.3	70-130			

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
Matrix Spike (B357872-MS1)	**Source: 23K1148-04**			Prepared: 11/12/23 Analyzed: 11/13/23						
Methyl Acetate	8.84	1.0	µg/L	10.0	ND	88.4	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0	ND	105	70-130			
Methyl Cyclohexane	10.0	1.0	µg/L	10.0	ND	100	70-130			
Methylene Chloride	9.13	5.0	µg/L	10.0	ND	91.3	70-130			
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100	ND	100	70-130			
Styrene	9.47	1.0	µg/L	10.0	ND	94.7	70-130			
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0	ND	109	70-130			
Tetrachloroethylene	11.4	1.0	µg/L	10.0	0.470	109	70-130			
Toluene	10.1	1.0	µg/L	10.0	ND	101	70-130			
1,2,3-Trichlorobenzene	9.36	5.0	µg/L	10.0	ND	93.6	70-130			
1,2,4-Trichlorobenzene	9.09	1.0	µg/L	10.0	ND	90.9	70-130			
1,1,1-Trichloroethane	11.5	1.0	µg/L	10.0	ND	115	70-130			
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0	ND	104	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0	ND	106	70-130			
Trichlorofluoromethane (Freon 11)	12.4	2.0	µg/L	10.0	ND	124	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5	1.0	µg/L	10.0	ND	125	70-130			
Vinyl Chloride	11.8	2.0	µg/L	10.0	ND	118	70-130			
m+p Xylene	19.2	2.0	µg/L	20.0	ND	96.0	70-130			
o-Xylene	9.49	1.0	µg/L	10.0	ND	94.9	70-130			
Xylenes (total)	28.7	1.0	µg/L	30.0	ND	95.7	0-200			
Surrogate: 1,2-Dichloroethane-d4	*27.1*		µg/L	25.0		108	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130			
Matrix Spike Dup (B357872-MSD1)	**Source: 23K1148-04**			Prepared: 11/12/23 Analyzed: 11/13/23						
Acetone	97.4	50	µg/L	100	ND	97.4	70-130	6.71	30	
Benzene	9.95	1.0	µg/L	10.0	ND	99.5	70-130	1.69	30	
Bromochloromethane	10.1	1.0	µg/L	10.0	ND	101	70-130	4.81	30	
Bromodichloromethane	10.5	0.50	µg/L	10.0	ND	105	70-130	0.944	30	
Bromoform	9.56	1.0	µg/L	10.0	ND	95.6	70-130	2.38	30	
Bromomethane	8.23	2.0	µg/L	10.0	ND	82.3	70-130	7.04	30	
2-Butanone (MEK)	90.8	20	µg/L	100	ND	90.8	70-130	7.00	30	
Carbon Disulfide	115	5.0	µg/L	100	ND	115	70-130	0.999	30	
Carbon Tetrachloride	10.9	5.0	µg/L	10.0	ND	109	70-130	4.59	30	
Chlorobenzene	9.75	1.0	µg/L	10.0	ND	97.5	70-130	2.60	30	
Chlorodibromomethane	10.2	0.50	µg/L	10.0	ND	102	70-130	2.90	30	
Chloroethane	12.4	2.0	µg/L	10.0	ND	124	70-130	7.38	30	
Chloroform	11.1	2.0	µg/L	10.0	0.340	107	70-130	2.50	30	
Chloromethane	9.27	2.0	µg/L	10.0	ND	92.7	70-130	2.73	30	
Cyclohexane	9.28	5.0	µg/L	10.0	ND	92.8	70-130	2.45	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.39	5.0	µg/L	10.0	ND	93.9	70-130	9.44	30	
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0	ND	105	70-130	4.46	30	
1,2-Dichlorobenzene	9.44	1.0	µg/L	10.0	ND	94.4	70-130	0.317	30	
1,3-Dichlorobenzene	9.21	1.0	µg/L	10.0	ND	92.1	70-130	1.19	30	
1,4-Dichlorobenzene	9.27	1.0	µg/L	10.0	ND	92.7	70-130	1.52	30	
Dichlorodifluoromethane (Freon 12)	11.6	2.0	µg/L	10.0	ND	116	70-130	2.04	30	
1,1-Dichloroethane	10.4	1.0	µg/L	10.0	ND	104	70-130	0.677	30	
1,2-Dichloroethane	11.8	1.0	µg/L	10.0	ND	118	70-130	3.90	30	
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0	ND	118	70-130	0.597	30	
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0	ND	100	70-130	0.595	30	
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0	ND	106	70-130	0.377	30	
1,2-Dichloropropane	10.0	1.0	µg/L	10.0	ND	100	70-130	0.0999	30	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357872 - SW-846 5030B										
Matrix Spike Dup (B357872-MSD1)	**Source: 23K1148-04**			Prepared: 11/12/23 Analyzed: 11/13/23						
cis-1,3-Dichloropropene	9.19	0.50	µg/L	10.0	ND	91.9	70-130	1.51	30	
trans-1,3-Dichloropropene	9.58	0.50	µg/L	10.0	ND	95.8	70-130	1.86	30	
1,4-Dioxane	86.8	50	µg/L	100	ND	86.8	70-130	10.5	30	
Ethylbenzene	9.87	1.0	µg/L	10.0	ND	98.7	70-130	1.33	30	
2-Hexanone (MBK)	93.0	10	µg/L	100	ND	93.0	70-130	5.82	30	
Isopropylbenzene (Cumene)	9.47	1.0	µg/L	10.0	ND	94.7	70-130	0.423	30	
Methyl Acetate	7.37	1.0	µg/L	10.0	ND	73.7	70-130	18.1	30	
Methyl tert-Butyl Ether (MTBE)	9.98	1.0	µg/L	10.0	ND	99.8	70-130	4.79	30	
Methyl Cyclohexane	10.1	1.0	µg/L	10.0	ND	101	70-130	0.199	30	
Methylene Chloride	8.96	5.0	µg/L	10.0	ND	89.6	70-130	1.88	30	
4-Methyl-2-pentanone (MIBK)	94.5	10	µg/L	100	ND	94.5	70-130	5.73	30	
Styrene	9.43	1.0	µg/L	10.0	ND	94.3	70-130	0.423	30	
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0	ND	107	70-130	1.39	30	
Tetrachloroethylene	11.0	1.0	µg/L	10.0	0.470	106	70-130	3.21	30	
Toluene	9.98	1.0	µg/L	10.0	ND	99.8	70-130	1.10	30	
1,2,3-Trichlorobenzene	9.28	5.0	µg/L	10.0	ND	92.8	70-130	0.858	30	
1,2,4-Trichlorobenzene	8.99	1.0	µg/L	10.0	ND	89.9	70-130	1.11	30	
1,1,1-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116	70-130	0.693	30	
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0	ND	106	70-130	1.61	30	
Trichloroethylene	10.7	1.0	µg/L	10.0	ND	107	70-130	0.562	30	
Trichlorofluoromethane (Freon 11)	12.0	2.0	µg/L	10.0	ND	120	70-130	3.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7	1.0	µg/L	10.0	ND	117	70-130	6.44	30	
Vinyl Chloride	11.6	2.0	µg/L	10.0	ND	116	70-130	1.37	30	
m+p Xylene	19.2	2.0	µg/L	20.0	ND	95.9	70-130	0.156	20	
o-Xylene	9.39	1.0	µg/L	10.0	ND	93.9	70-130	1.06	30	
Xylenes (total)	28.6	1.0	µg/L	30.0	ND	95.2	0-200	0.454		
Surrogate: 1,2-Dichloroethane-d4	*27.1*		µg/L	25.0		108	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130			
Batch B357980 - SW-846 5030B										
Blank (B357980-BLK1)				Prepared: 11/13/23 Analyzed: 11/14/23						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B357980 - SW-846 5030B											
Blank (B357980-BLK1)				Prepared: 11/13/23 Analyzed: 11/14/23							
1,4-Dichlorobenzene	ND	1.0	µg/L								
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L								
1,1-Dichloroethane	ND	1.0	µg/L								
1,2-Dichloroethane	ND	1.0	µg/L								
1,1-Dichloroethylene	ND	1.0	µg/L								
cis-1,2-Dichloroethylene	ND	1.0	µg/L								
trans-1,2-Dichloroethylene	ND	1.0	µg/L								
1,2-Dichloropropane	ND	1.0	µg/L								
cis-1,3-Dichloropropene	ND	0.50	µg/L								
trans-1,3-Dichloropropene	ND	0.50	µg/L								
1,4-Dioxane	ND	50	µg/L								
Ethylbenzene	ND	1.0	µg/L								
2-Hexanone (MBK)	ND	10	µg/L								
Isopropylbenzene (Cumene)	ND	1.0	µg/L								
Methyl Acetate	ND	1.0	µg/L								
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L								
Methyl Cyclohexane	ND	1.0	µg/L								
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Styrene	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.5	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*21.9*		µg/L	25.0		87.7	70-130				
LCS (B357980-BS1)				Prepared: 11/13/23 Analyzed: 11/14/23							
Acetone	90.7	50	µg/L	100		90.7	70-160				†
Benzene	12.3	1.0	µg/L	10.0		123	70-130				
Bromochloromethane	12.2	1.0	µg/L	10.0		122	70-130				
Bromodichloromethane	10.7	0.50	µg/L	10.0		107	70-130				
Bromoform	8.14	1.0	µg/L	10.0		81.4	70-130				
Bromomethane	14.5	2.0	µg/L	10.0		145	40-160			V-20	†
2-Butanone (MEK)	101	20	µg/L	100		101	40-160				†
Carbon Disulfide	118	5.0	µg/L	100		118	70-130				
Carbon Tetrachloride	10.3	5.0	µg/L	10.0		103	70-130				
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130				
Chlorodibromomethane	9.83	0.50	µg/L	10.0		98.3	70-130				
Chloroethane	11.5	2.0	µg/L	10.0		115	70-130				
Chloroform	11.3	2.0	µg/L	10.0		113	70-130				

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357980 - SW-846 5030B										
LCS (B357980-BS1)				Prepared: 11/13/23 Analyzed: 11/14/23						
Chloromethane	10.6	2.0	µg/L	10.0		106	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.0		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.07	5.0	µg/L	10.0		80.7	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130			
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130			
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
Dichlorodifluoromethane (Freon 12)	12.2	2.0	µg/L	10.0		122	40-160			†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130			
cis-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130			
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
1,2-Dichloropropane	11.4	1.0	µg/L	10.0		114	70-130			
cis-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112	70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108	70-130			
1,4-Dioxane	86.2	50	µg/L	100		86.2	40-130			†
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
2-Hexanone (MBK)	87.0	10	µg/L	100		87.0	70-160			†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130			
Methyl Acetate	10.9	1.0	µg/L	10.0		109	70-130			
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.0		113	70-130			
Methylene Chloride	10.8	5.0	µg/L	10.0		108	70-130			
4-Methyl-2-pentanone (MIBK)	88.6	10	µg/L	100		88.6	70-160			†
Styrene	10.7	1.0	µg/L	10.0		107	70-130			
1,1,2,2-Tetrachloroethane	9.66	0.50	µg/L	10.0		96.6	70-130			
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
Toluene	11.3	1.0	µg/L	10.0		113	70-130			
1,2,3-Trichlorobenzene	9.37	5.0	µg/L	10.0		93.7	70-130			
1,2,4-Trichlorobenzene	9.06	1.0	µg/L	10.0		90.6	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130			
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	1.0	µg/L	10.0		113	70-130			
Vinyl Chloride	12.7	2.0	µg/L	10.0		127	40-160			†
m+p Xylene	21.3	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130			
Xylenes (total)	31.4	1.0	µg/L	30.0		105	0-200			
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		95.9	70-130			
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*23.5*		µg/L	25.0		94.1	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B357980 - SW-846 5030B											
LCS Dup (B357980-BSD1)				Prepared: 11/13/23 Analyzed: 11/14/23							
Acetone	87.4	50	µg/L	100		87.4	70-160	3.72	25		†
Benzene	12.5	1.0	µg/L	10.0		125	70-130	1.77	25		
Bromochloromethane	12.2	1.0	µg/L	10.0		122	70-130	0.409	25		
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130	2.95	25		
Bromoform	8.33	1.0	µg/L	10.0		83.3	70-130	2.31	25		
Bromomethane	14.4	2.0	µg/L	10.0		144	40-160	0.0692	25	V-20	†
2-Butanone (MEK)	102	20	µg/L	100		102	40-160	1.00	25		†
Carbon Disulfide	116	5.0	µg/L	100		116	70-130	0.940	25		
Carbon Tetrachloride	10.6	5.0	µg/L	10.0		106	70-130	3.07	25		
Chlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	2.40	25		
Chlorodibromomethane	9.77	0.50	µg/L	10.0		97.7	70-130	0.612	25		
Chloroethane	11.2	2.0	µg/L	10.0		112	70-130	2.46	25		
Chloroform	11.4	2.0	µg/L	10.0		114	70-130	0.616	25		
Chloromethane	10.4	2.0	µg/L	10.0		104	40-160	0.952	25		†
Cyclohexane	11.6	5.0	µg/L	10.0		116	70-130	6.38	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.63	5.0	µg/L	10.0		86.3	70-130	6.71	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107	70-130	1.04	25		
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	3.21	25		
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	1.06	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	1.38	25		
Dichlorodifluoromethane (Freon 12)	12.0	2.0	µg/L	10.0		120	40-160	1.16	25		†
1,1-Dichloroethane	11.5	1.0	µg/L	10.0		115	70-130	2.57	25		
1,2-Dichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130	1.99	25		
1,1-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	2.45	25		
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	1.34	25		
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	2.04	25		
1,2-Dichloropropane	11.6	1.0	µg/L	10.0		116	70-130	1.04	25		
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113	70-130	0.710	25		
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130	1.20	25		
1,4-Dioxane	82.4	50	µg/L	100		82.4	40-130	4.39	50		† ‡
Ethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	1.84	25		
2-Hexanone (MBK)	89.4	10	µg/L	100		89.4	70-160	2.83	25		†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130	3.39	25		
Methyl Acetate	10.9	1.0	µg/L	10.0		109	70-130	0.458	25		
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104	70-130	2.09	25		
Methyl Cyclohexane	11.4	1.0	µg/L	10.0		114	70-130	0.971	25		
Methylene Chloride	10.4	5.0	µg/L	10.0		104	70-130	4.25	25		
4-Methyl-2-pentanone (MIBK)	90.2	10	µg/L	100		90.2	70-160	1.79	25		†
Styrene	10.8	1.0	µg/L	10.0		108	70-130	1.21	25		
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	4.55	25		
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130	0.00	25		
Toluene	11.5	1.0	µg/L	10.0		115	70-130	2.02	25		
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.0		102	70-130	8.19	25		
1,2,4-Trichlorobenzene	9.53	1.0	µg/L	10.0		95.3	70-130	5.06	25		
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	4.21	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	0.268	25		
Trichloroethylene	11.2	1.0	µg/L	10.0		112	70-130	3.64	25		
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105	70-130	2.79	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0		110	70-130	2.59	25		
Vinyl Chloride	12.8	2.0	µg/L	10.0		128	40-160	0.860	25		†
m+p Xylene	22.0	2.0	µg/L	20.0		110	70-130	3.05	25		

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B357980 - SW-846 5030B										
LCS Dup (B357980-BSD1)				Prepared: 11/13/23 Analyzed: 11/14/23						
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	3.40	25	
Xylenes (total)	32.4	1.0	µg/L	30.0		108	0-200	3.16		
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.2	70-130			
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*23.3*		µg/L	25.0		93.2	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

AAM ~~23K1207~~ 23K1148
KAM

CHAIN OF CUSTODY

Client: New York State Dept. of Environmental Conservation

NYSDEC 250 Franklin Street - Offsite, Site #C915208A

PAGE OF

FED-EX Tracking # | Bottle Order Control #

Lab Quote # | Lab Job #

CLIENT/REPORTING INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
Groundwater & Environmental Services, Inc. 495 Aero Drive, Cheektowaga, NY 14225 **Project Manager:** Thomas Palmer **Phone #:** 800-287-7857 **Email:** tpalmer@gesonline.com **Fax #:** 866-902-2187	**Project Name:** NYSDEC/Buffalo/NY/FranklinSt/275OFFSITE **Project Address:** 250 Franklin St, Buffalo, NY **Project PSID #:** 1001933	**NYSDEC Region 8** **NYSDEC Project Manager:** Meghan Kucza **Phone #:** 716-851-7200 **Invoice Instructions** **NYSDEC Site No. C915208A** **Lab Project Manager:** Kaitlyn Feliciano

Sampler(s) Name: Owen Ogilvy

Sampler(s) Name:

Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	number of preserved bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	Methanol	ENCORE	Amber	REQUESTED ANALYSIS (see Test Code sheet): TCL VOCs via Method 8260	MS/MSD	LAB USE ONLY
1	MW-25S	NA	11/7/23	0920	OO	GW	2	x									X		
2	MW-26S	NA	11/7/23	1020	OO	GW	2	x									X		
3	MW-27S	NA	11/7/23	1125	OO	GW	2	x									X		
4	MW-23D	NA	11/7/23	1310	OO	GW	6	x									X	X	
5	DUP	NA	11/7/23	—	OO	GW	2	x									X		
6	Trip Blank	NA	11/7/23	--	OO	GW	2	x									X		

Turnaround Time (Business Days) **Approved By (Lab PM) / Date**

- [x] Standard
- [ ] 1 day RUSH
- [ ] Other ~~14 day TA~~

Laboratory Information

Lab: ConTest Pace Analytical
Address: 39 Spruce St. East Longmeadow, MA 01028
Phone: 413.525.2332 or 413.885.8837
Lab PM: Kaitlyn Feliciano
Lab PM Email: Kaitlyn.feliciano@pacelabs.com

Data Deliverable Information

- [ ] Commercial 'A' (Level 1) = Results Only
- [ ] Commercial 'B' (Level 2) = Results + QC Summary
- [ ] FULLT1 (Level 3 & 4)
- [ ] NJ Reduced = Results + QC Summary + Partial Raw Data
- [ ] Commercial 'C'
- [ ] *NJ Data of Known Quality Protocol Reporting*
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EQEDD (for GES)
- [x] NYDEC EDD (for NYSDEC)

Please Email the EQ EDD Package to ges@equisonline.com
EQEDD Name: NYSDEC/Buffalo/NY/Franklin Street/250_LabReport#.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.

	Relinquished By Sampler:	Date / Time:	Received By:
1		11/7 1515	GES Fridge
2	M. Nalan	11/8/23	
3	AL AAC	11/8/23 14:25	0720 11-9-23 3.5°C

Custody Seal Number: [ ] Intact [ ] Not Intact [ ] Preserved where applicable [ ] On Ice Cooler Temp

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client GES

Project NYSDEC/Buffalo/NY/Franklin St

MCP/RCP Required N/A

Deliverable Package Requirement N/A

Location 250 Franklin St, Buffalo, NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time AAM/11-9-23/0720

Back-Sheet By / Date / Time AAM/11-9-23/0810

Temperature Method Temp. Gun # 5

Temp ✓ ≤ 6° C Actual Temperature 3.5°C

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☑ AAM
Trip Blanks	☑	☐
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Sample																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars (Circle Amb/Clear) — 16oz Amb/Clear																				
8oz Amb/Clear																				
4oz Amb/Clear																				
2oz Amb/Clear																				
Ambers — 1 Liter — Unpreserved																				
1 Liter — HCL																				
250mL — Sulfuric																				
250mL — Sulfuric																				
250mL — Phosphoric																				
250mL — HCl																				
100mL — Unpreserved																				
Plastics — 1 Liter — Unpreserved																				
1 Liter — Sulfuric																				
500mL — Unpreserved																				
500mL — Sulfuric																				
250mL — Unpreserved																				
250mL — Trizma																				
250mL — Sulfuric																				
250mL — Nitric																				
250mL — NaOH																				
250mL — Ammonium Acetate																				
250mL — NaOH/Zinc																				
VOA Vials — Unpreserved																				
VOA Vials — HCl		2	1	4	2	2	1													
VOA Vials — MeOH																				
VOA Vials — D.I. Water																				
VOA Vials — BiSulfate																				
Other / Fill in — Col/Bact																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				

VOA

SAMPLE DATA

1 - FORM I
ANALYSIS DATA SHEET

MW-25S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-01	File ID:	B23V31713.D
Sampled:	11/07/23 09:20	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	3.4	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.67	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.44	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene	2.4	0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	

1 - FORM I
ANALYSIS DATA SHEET

MW-25S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-01	File ID:	B23V31713.D
Sampled:	11/07/23 09:20	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	34	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride	0.59	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31713.D
Acq On : 13 Nov 2023 2:34 pm
Operator :
Sample : 23K1148-01 Inst : GCMSVOA2
Misc :
ALS Vial : 13 Sample Multiplier: 1

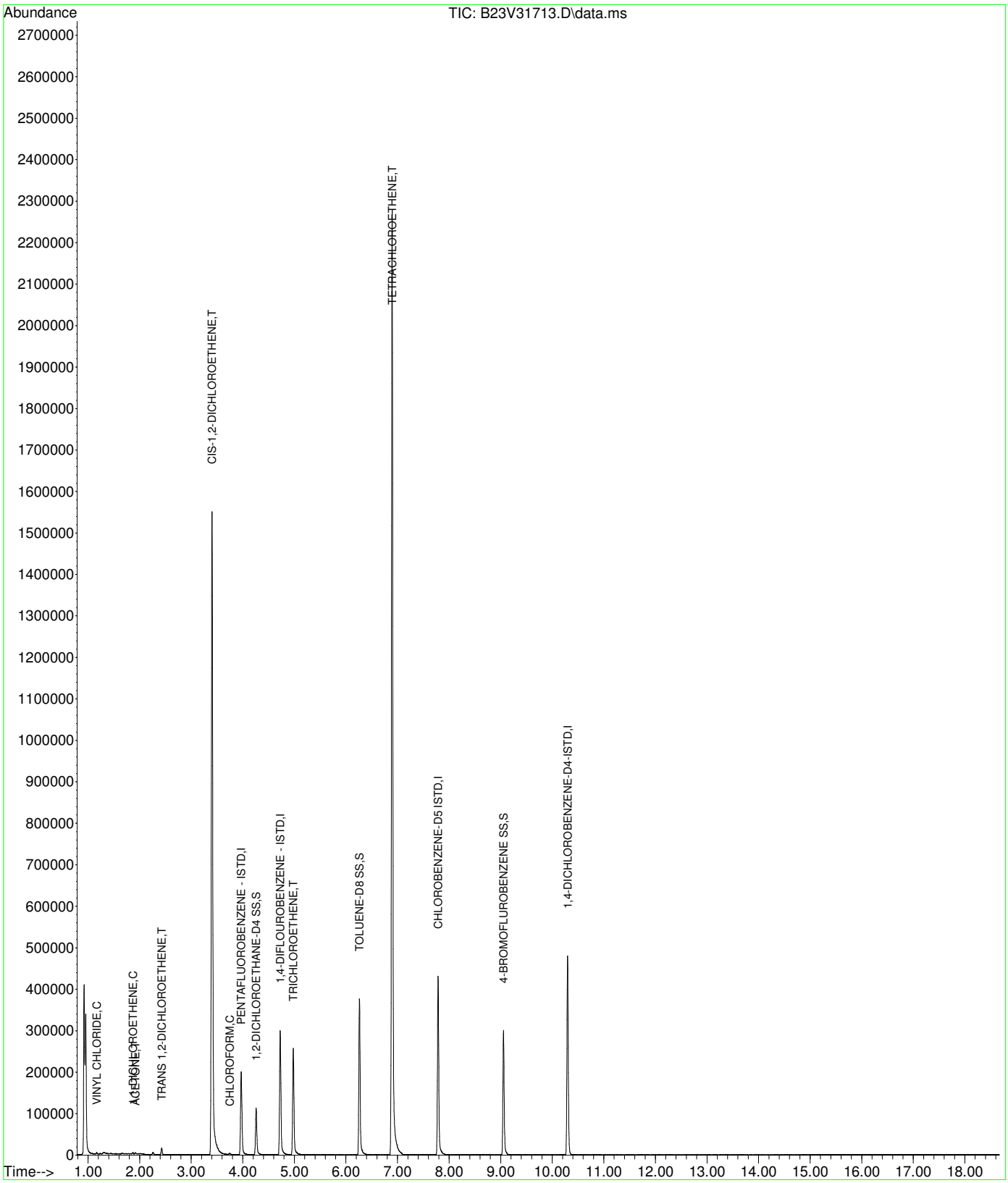
Quant Time: Nov 14 11:01:31 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

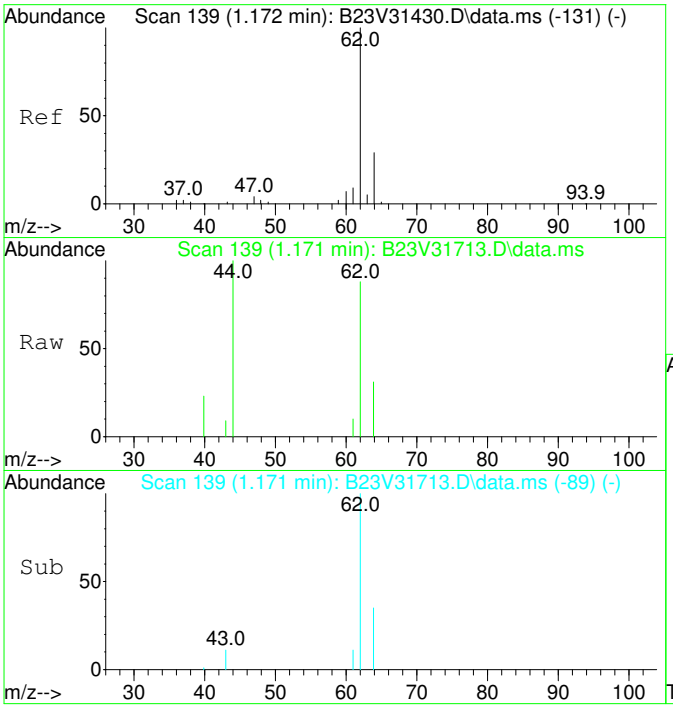
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.971	168	140184	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.727	114	242534	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.786	82	132517	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	139410	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.258	65	80197	27.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.00%			
45) TOLUENE-D8 SS	6.261	98	256597	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
66) 4-BROMOFLUROBENZENE SS	9.055	95	102005	24.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%			
Target Compounds						Qvalue
6) VINYL CHLORIDE	1.171	62	1774	0.59	UG/L #	82
14) ACETONE	1.916	43	2989	3.39	UG/L #	89
15) 1,1-DICHLOROETHENE	1.869	61	1473	0.44	UG/L #	93
24) TRANS 1,2-DICHLOROETHENE	2.426	61	8159	2.40	UG/L	97
30) CIS-1,2-DICHLOROETHENE	3.402	61	1012432	262.62	UG/L	90
36) CHLOROFORM	3.745	83	2504	0.67	UG/L	97
47) TRICHLOROETHENE	4.978	95	79527	34.07	UG/L	94
61) TETRACHLOROETHENE	6.897	164	563071	268.23	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31713.D
Acq On : 13 Nov 2023 2:34 pm
Operator :
Sample : 23K1148-01 Inst : GCMSVOA2
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 14 11:01:31 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

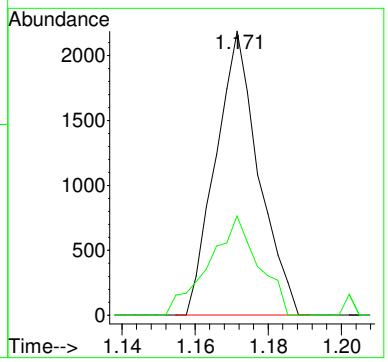


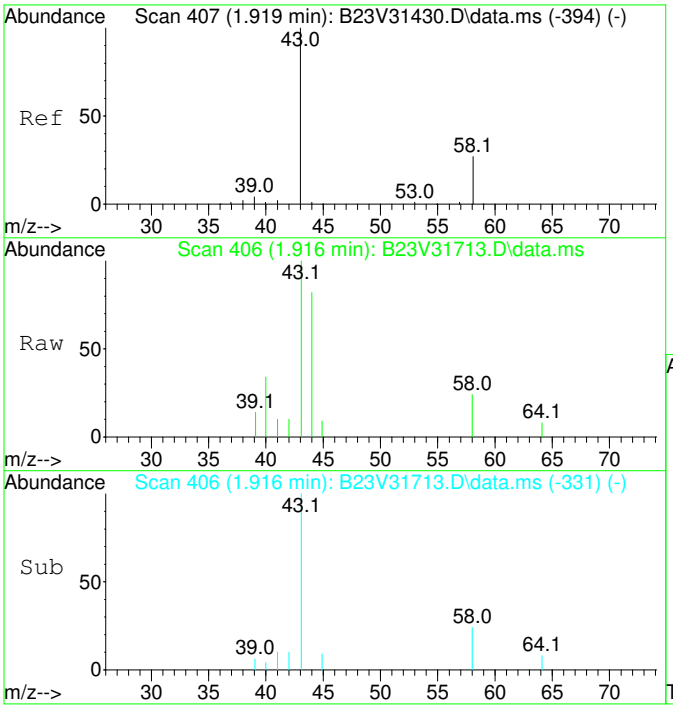


#6
VINYL CHLORIDE
Concen: 0.59 UG/L
RT: 1.171 min Scan# 139
Delta R.T. -0.004 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 62 Resp: 1774

Ion	Ratio	Lower	Upper
62	100		
64	40.6	24.6	37.0#

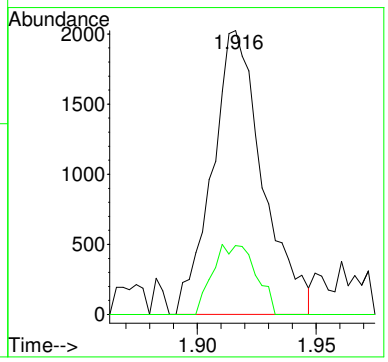


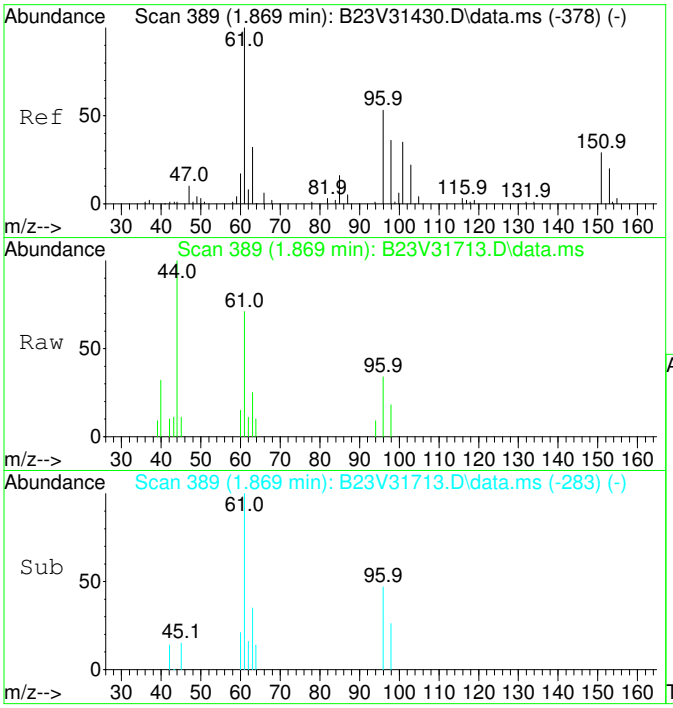


#14
ACETONE
Concen: 3.39 UG/L
RT: 1.916 min Scan# 406
Delta R.T. -0.003 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 43 Resp: 2989

Ion	Ratio	Lower	Upper
43	100		
58	21.0	21.5	32.3#

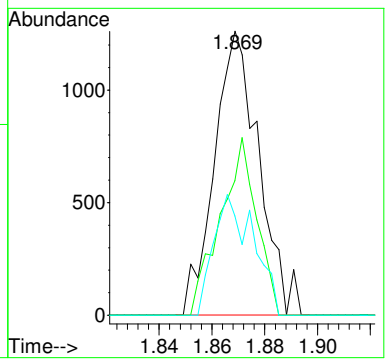


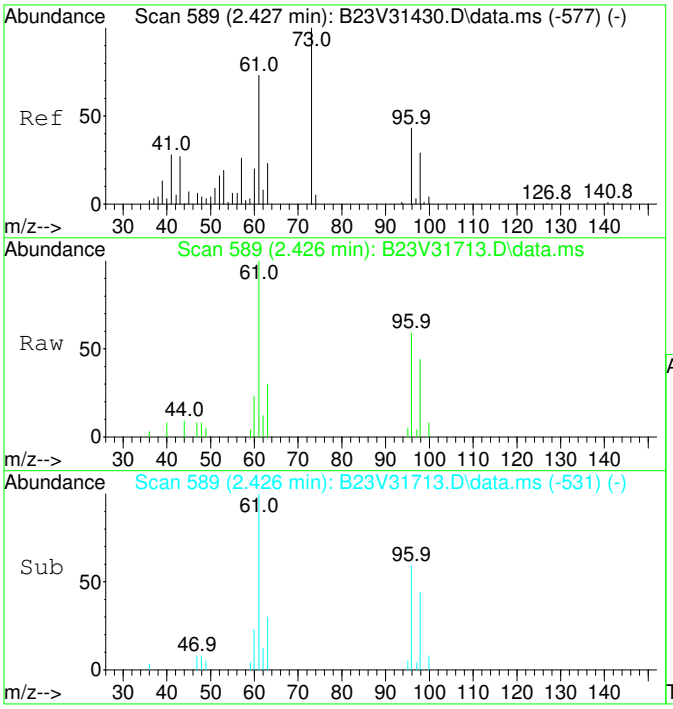


#15
1,1-DICHLOROETHENE
Concen: 0.44 UG/L
RT: 1.869 min Scan# 389
Delta R.T. -0.003 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 61 Resp: 1473

Ion	Ratio	Lower	Upper
61	100		
96	51.3	39.6	59.4
63	38.1	24.6	36.8#

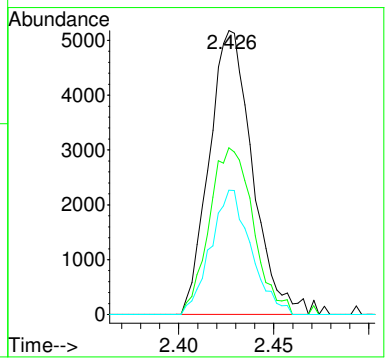


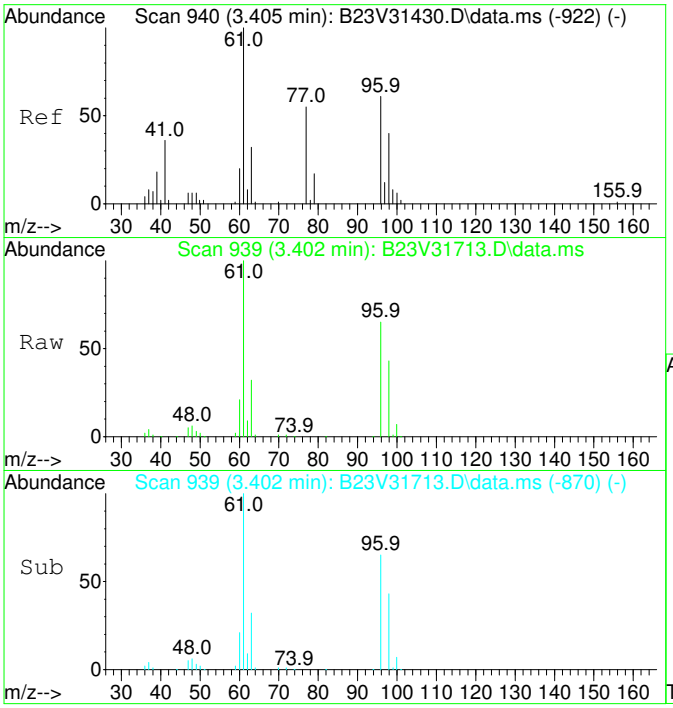


#24
TRANS 1,2-DICHLOROETHENE
Concen: 2.40 UG/L
RT: 2.426 min Scan# 589
Delta R.T. -0.003 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 61 Resp: 8159

Ion	Ratio	Lower	Upper
61	100		
96	59.7	48.4	72.6
98	40.8	29.6	44.4

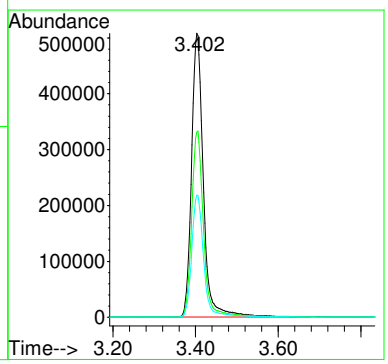


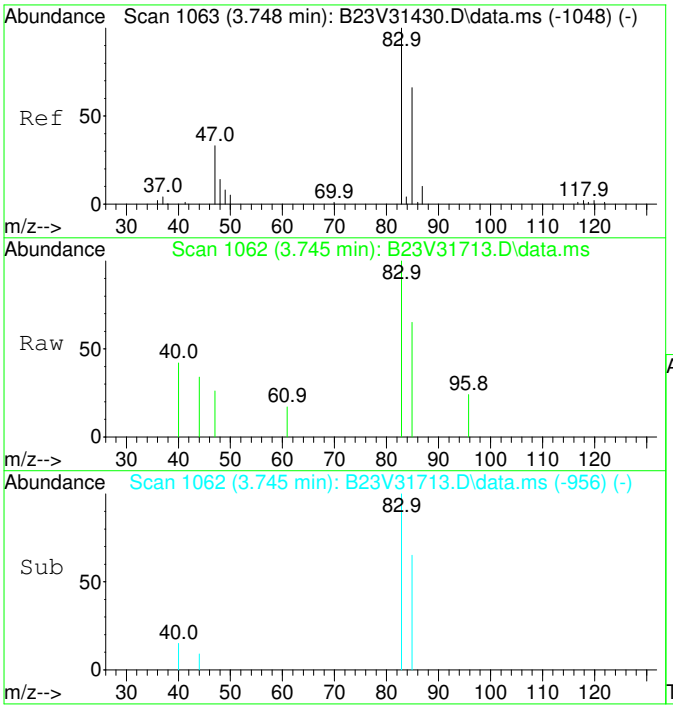


#30
CIS-1,2-DICHLOROETHENE
Concen: 262.62 UG/L
RT: 3.402 min Scan# 939
Delta R.T. -0.009 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 61 Resp: 1012432

Ion	Ratio	Lower	Upper
61	100		
96	65.8	47.4	71.0
98	43.7	29.6	44.4

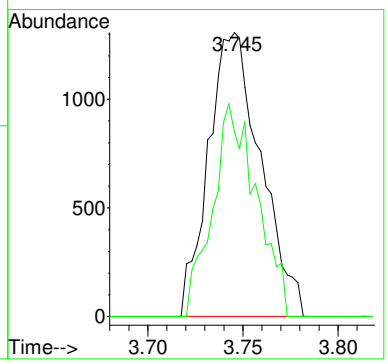


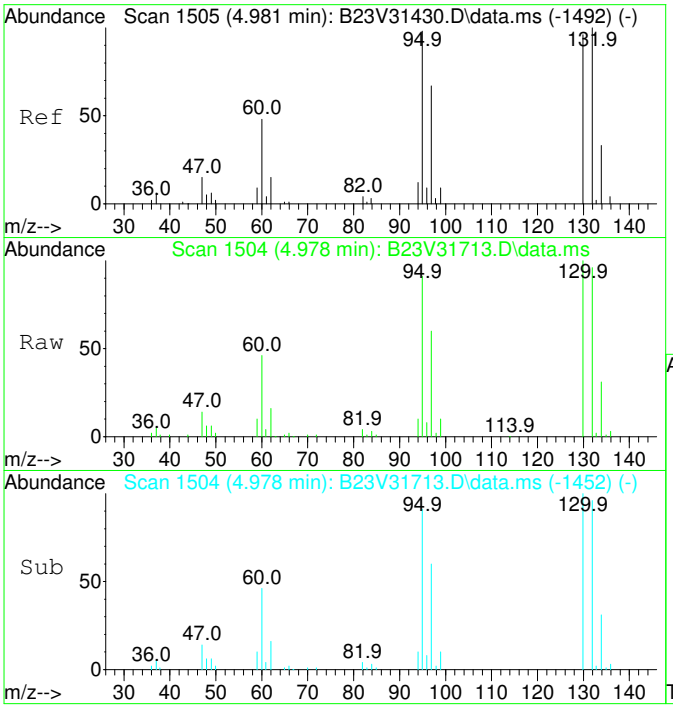


#36
CHLOROFORM
Concen: 0.67 UG/L
RT: 3.745 min Scan# 1062
Delta R.T. -0.006 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 83 Resp: 2504

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7

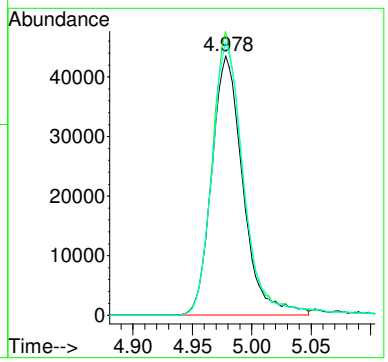


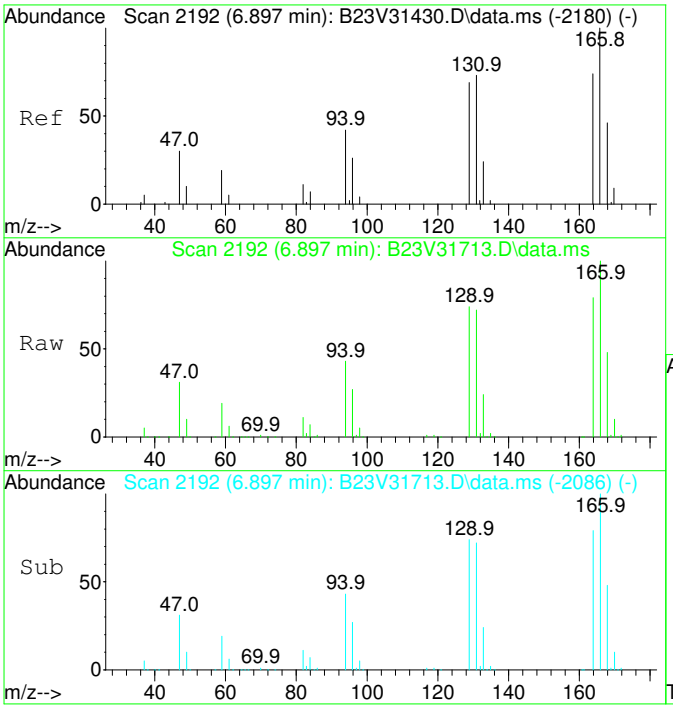


#47
TRICHLOROETHENE
Concen: 34.07 UG/L
RT: 4.978 min Scan# 1504
Delta R.T. -0.006 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion: 95 Resp: 79527

Ion	Ratio	Lower	Upper
95	100		
130	110.3	83.2	124.8
132	107.7	81.9	122.9

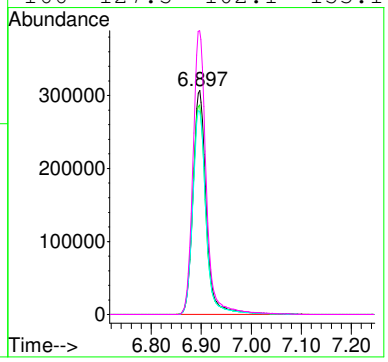




#61
TETRACHLOROETHENE
Concen: 268.23 UG/L
RT: 6.897 min Scan# 2192
Delta R.T. -0.005 min
Lab File: B23V31713.D
Acq: 13 Nov 2023 2:34 pm

Tgt Ion:164 Resp: 563071

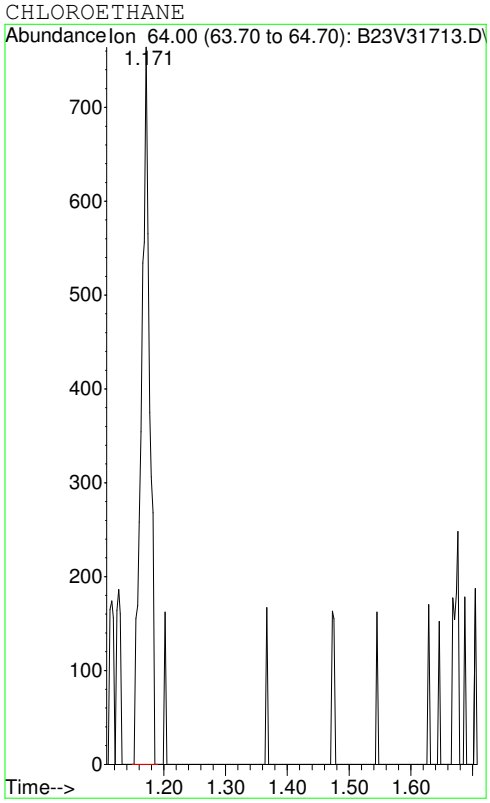
Ion	Ratio	Lower	Upper
164	100		
129	94.0	72.6	108.8
131	91.8	71.7	107.5
166	127.5	102.1	153.1



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31713.D
Acq On : 13 Nov 2023 2:34 pm
Operator :
Sample : 23K1148-01
Misc :

Quant Time : Tue Nov 14 12:50:59 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CHLOROETHANE



Original Int. Results

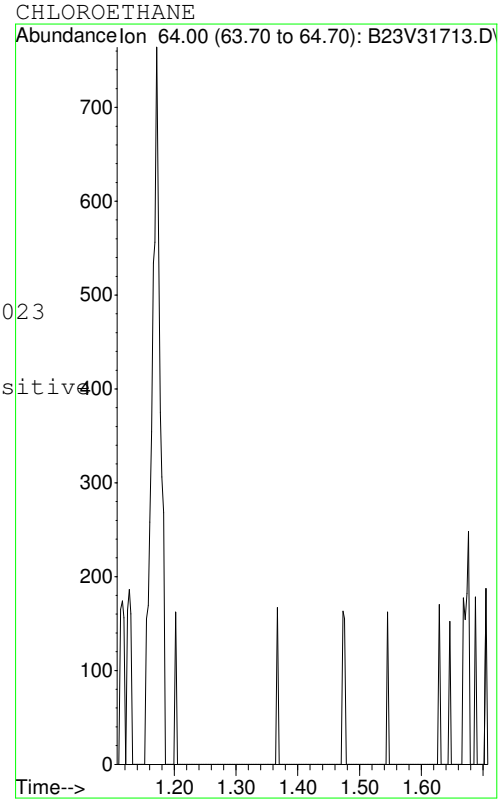
RT : 1.17
Area : 720
Amount: 0.431548

Manual Int. Results

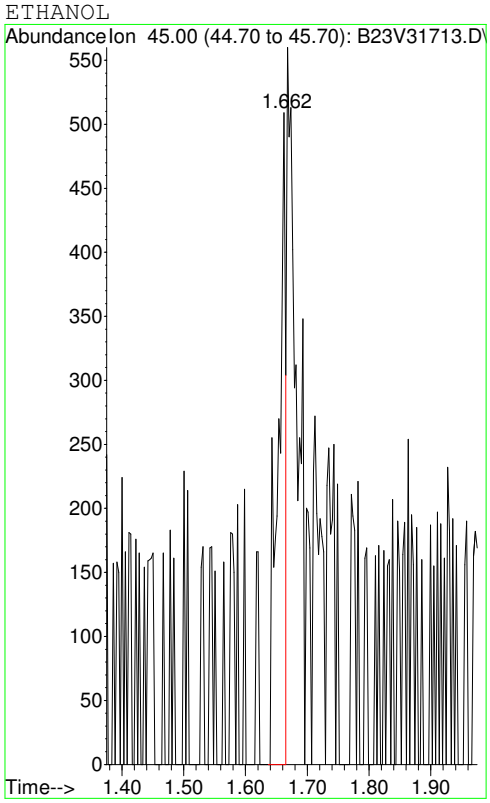
Tue Nov 14 12:50:18 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROETHANE



Original Integration
ETHANOL



Original Int. Results

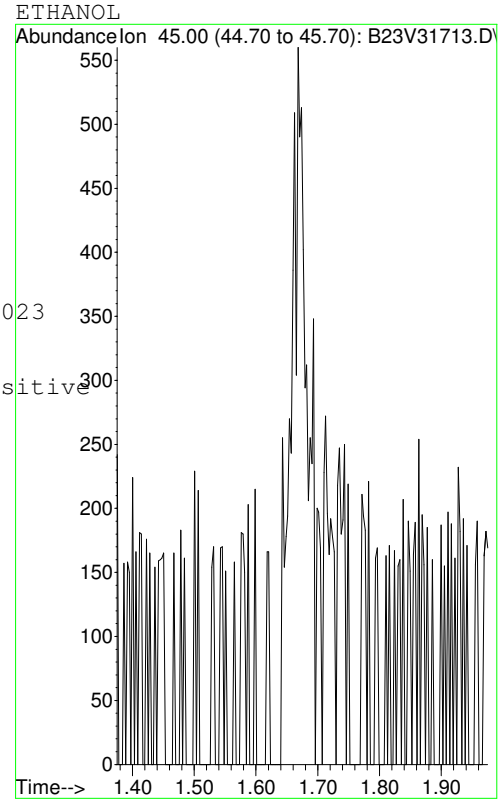
RT : 1.66
Area : 417
Amount: 9.48015

Manual Int. Results

Tue Nov 14 12:50:23 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

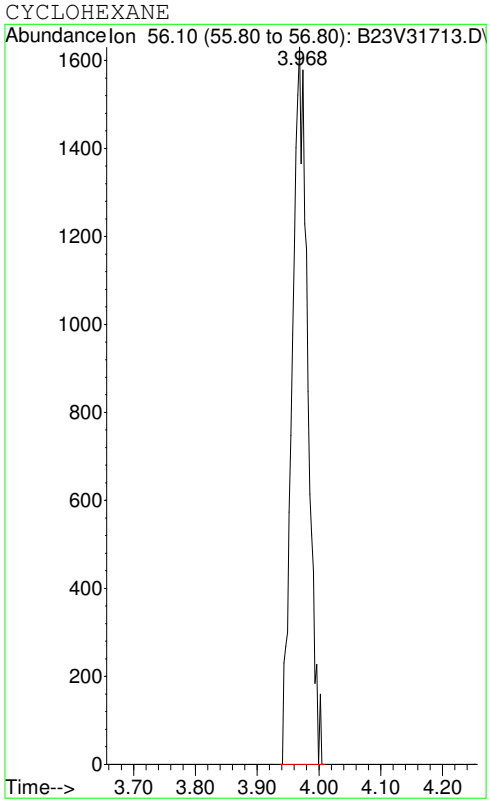
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31713.D
Acq On : 13 Nov 2023 2:34 pm
Operator :
Sample : 23K1148-01
Misc :

Quant Time : Tue Nov 14 12:50:59 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CYCLOHEXANE



Original Int. Results

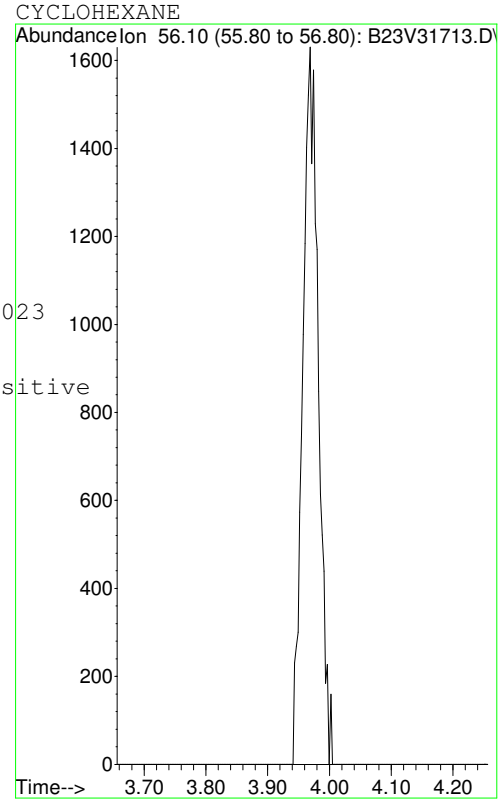
RT : 3.97
Area : 2872
Amount: 0.533659

Manual Int. Results

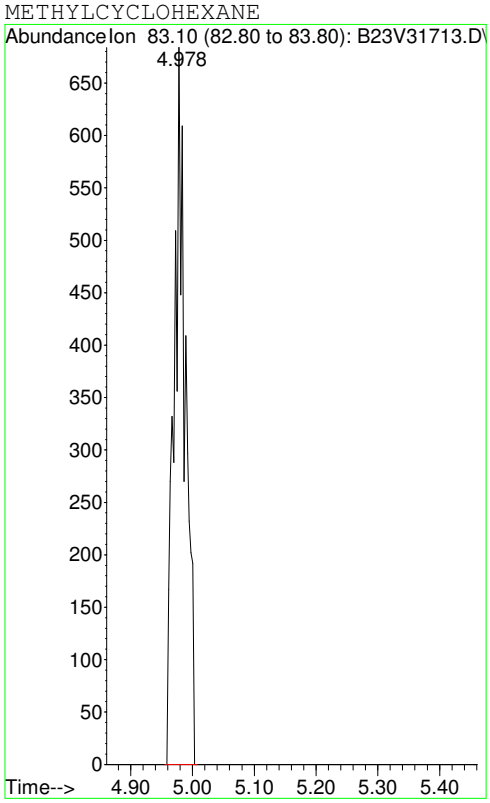
Tue Nov 14 12:50:43 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
METHYLCYCLOHEXANE



Original Int. Results

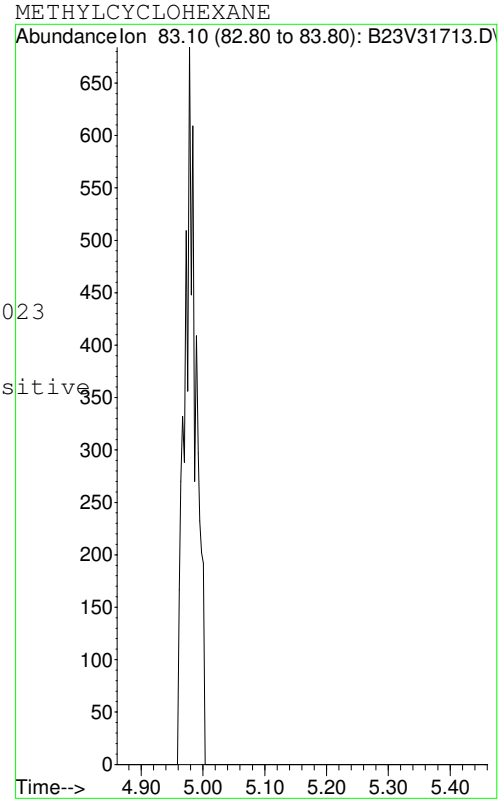
RT : 4.98
Area : 881
Amount: 0.224941

Manual Int. Results

Tue Nov 14 12:50:50 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

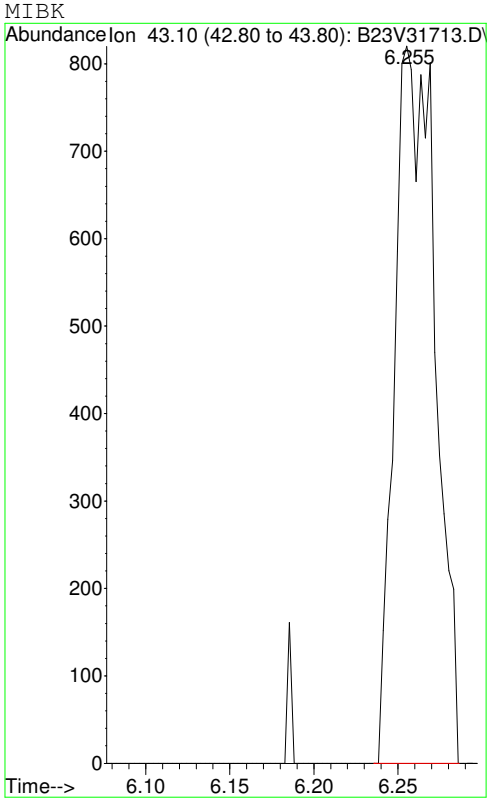
Manual Integration
METHYLCYCLOHEXANE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31713.D
Acq On : 13 Nov 2023 2:34 pm
Operator :
Sample : 23K1148-01
Misc :

Quant Time : Tue Nov 14 12:50:59 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
MIBK



Original Int. Results

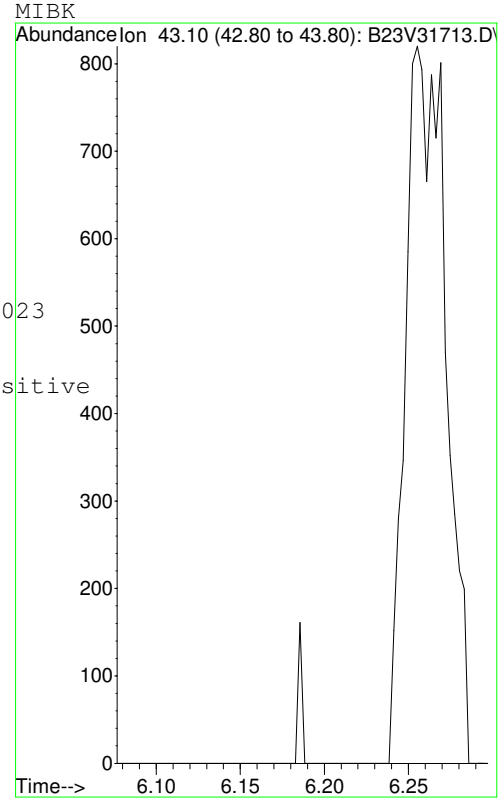
RT : 6.26
Area : 1383
Amount: 0.441497

Manual Int. Results

Tue Nov 14 12:50:58 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

MW-25S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-01RE1	File ID:	C22V31826.D
Sampled:	11/07/23 09:20	Prepared:	11/12/23 07:07	Analyzed:	11/14/23 20:25
Solids:		Preparation:	SW-846 5030B	Dilution:	20
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	260	2.8	20	
127-18-4	Tetrachloroethylene	240	3.4	20	

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X Inst : GCMSVOA3
Misc : 20
ALS Vial : 26 Sample Multiplier: 1

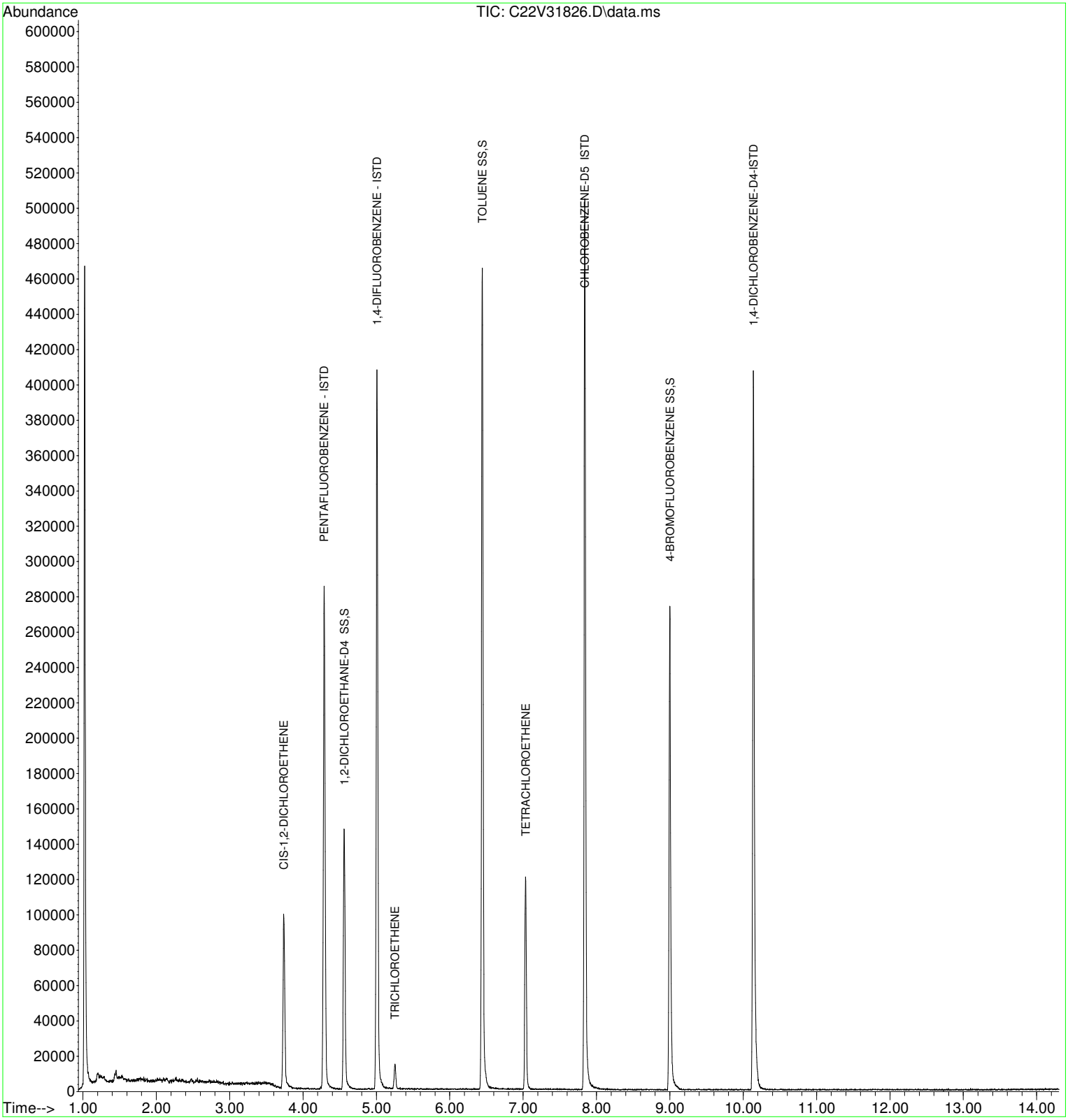
Quant Time: Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

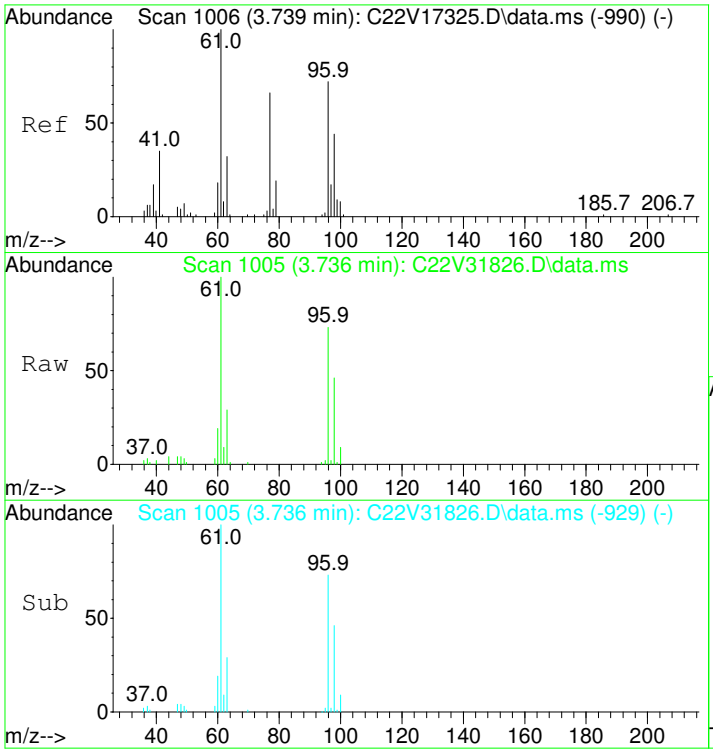
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.289	168	174761	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	5.008	114	279951	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.839	82	138121	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.139	152	116732	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	87432	26.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.64%			
49) TOLUENE SS	6.444	98	277180	25.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%			
71) 4-BROMOFLUOROBENZENE SS	8.999	95	88549	21.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.48%			
Target Compounds						Qvalue
33) CIS-1,2-DICHLOROETHENE	3.736	61	52137	13.04	UG/L	95
51) TRICHLOROETHENE	5.251	95	4471	1.73	UG/L	91
66) TETRACHLOROETHENE	7.035	166	31479	12.01	UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X Inst : GCMSVOA3
Misc : 20
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

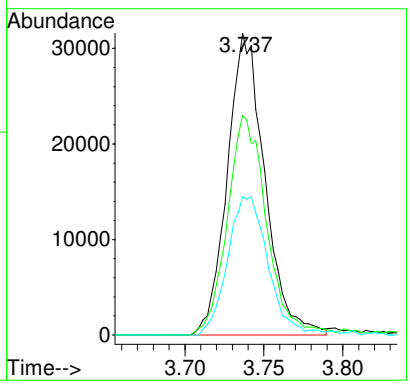


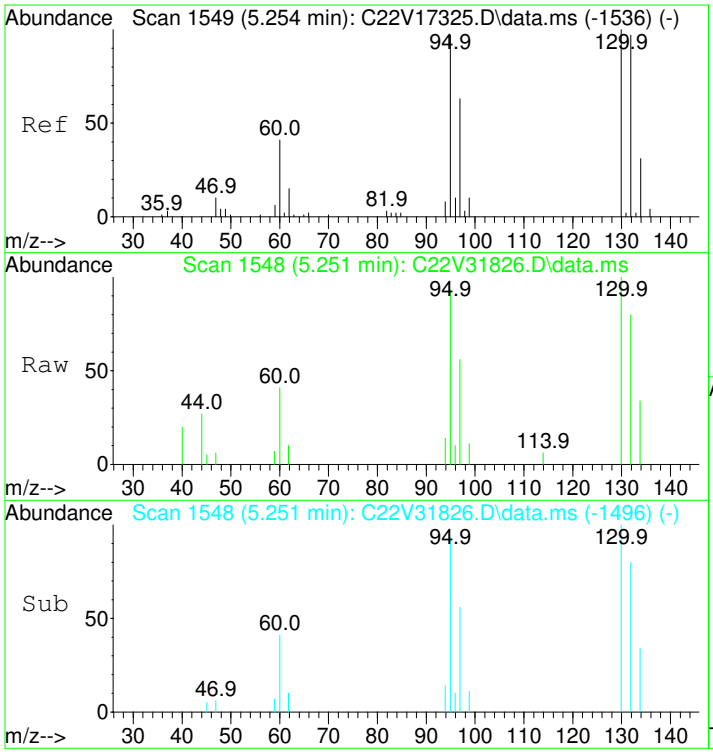


#33
CIS-1,2-DICHLOROETHENE
Concen: 13.04 UG/L
RT: 3.736 min Scan# 1005
Delta R.T. -0.003 min
Lab File: C22V31826.D
Acq: 14 Nov 2023 8:25 pm

Tgt Ion: 61 Resp: 52137

Ion	Ratio	Lower	Upper
61	100		
96	76.0	58.1	87.1
98	48.7	36.1	54.1

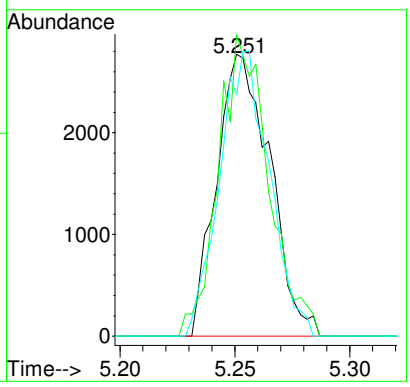


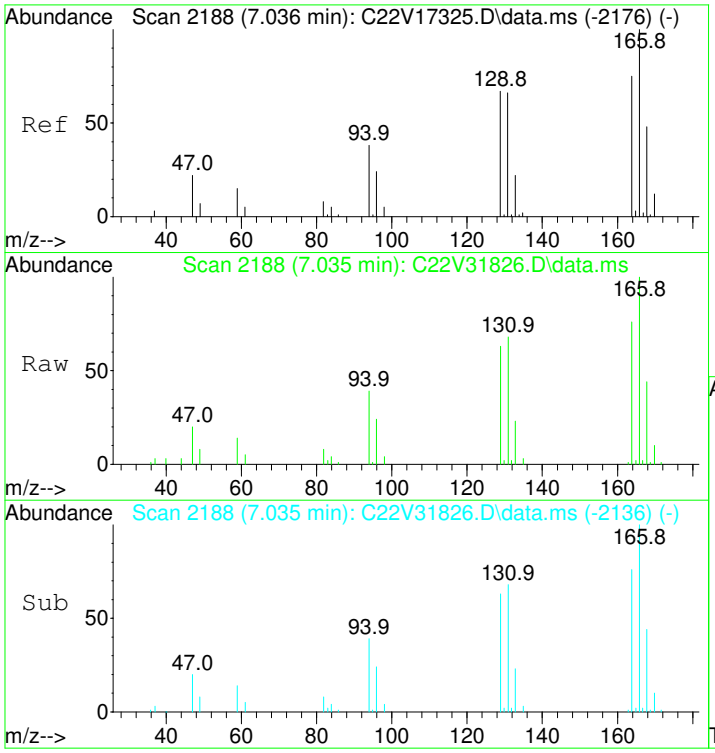


#51
TRICHLOROETHENE
Concen: 1.73 UG/L
RT: 5.251 min Scan# 1548
Delta R.T. -0.006 min
Lab File: C22V31826.D
Acq: 14 Nov 2023 8:25 pm

Tgt Ion: 95 Resp: 4471

Ion	Ratio	Lower	Upper
95	100		
130	100.2	85.7	128.5
132	94.6	84.7	127.1

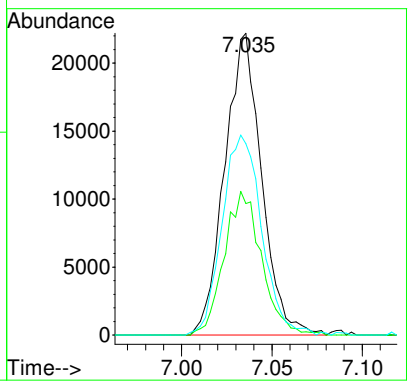




#66
TETRACHLOROETHENE
Concen: 12.01 UG/L
RT: 7.035 min Scan# 2188
Delta R.T. -0.000 min
Lab File: C22V31826.D
Acq: 14 Nov 2023 8:25 pm

Tgt Ion:166 Resp: 31479

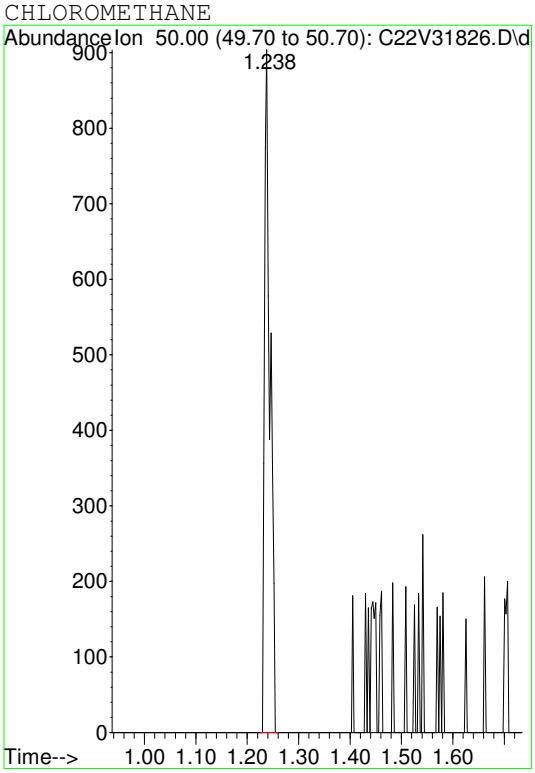
Ion	Ratio	Lower	Upper
166	100		
168	48.3	37.6	56.4
129	71.3	53.4	80.2



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X
Misc : 20

Quant Time : Wed Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
CHLOROMETHANE



Original Int. Results

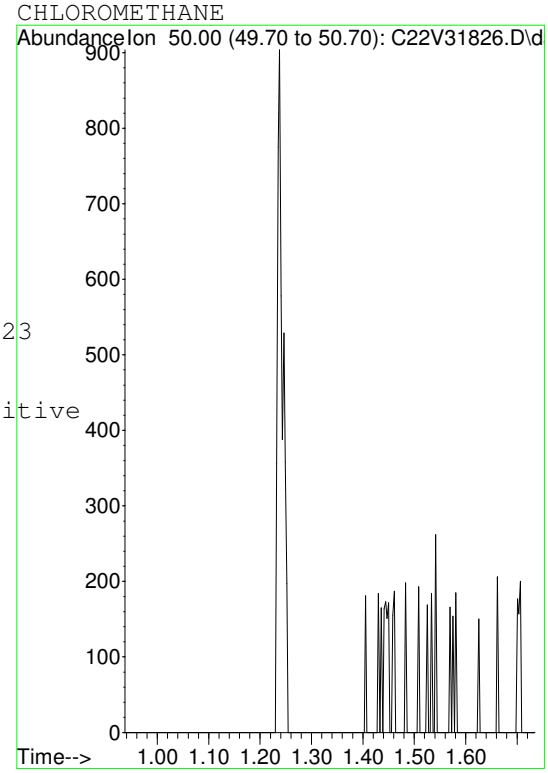
RT : 1.24
Area : 684
Amount: 0.165484

Manual Int. Results

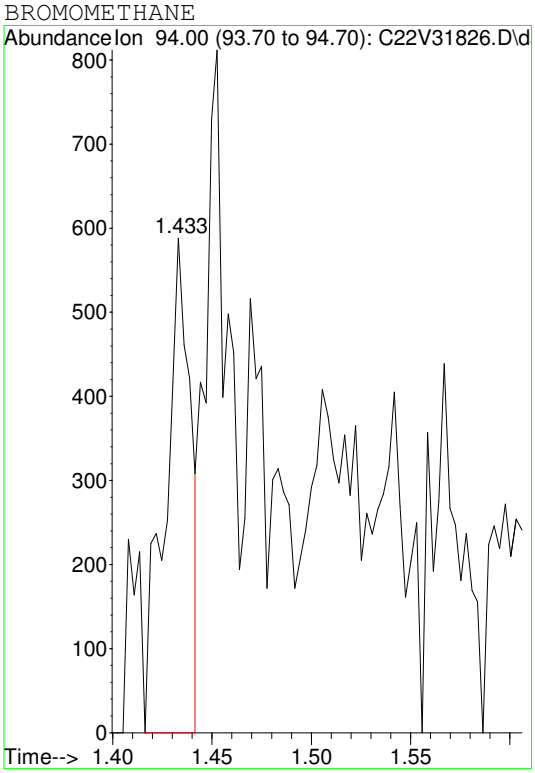
Wed Nov 15 07:14:08 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROMETHANE



Original Integration
BROMOMETHANE



Original Int. Results

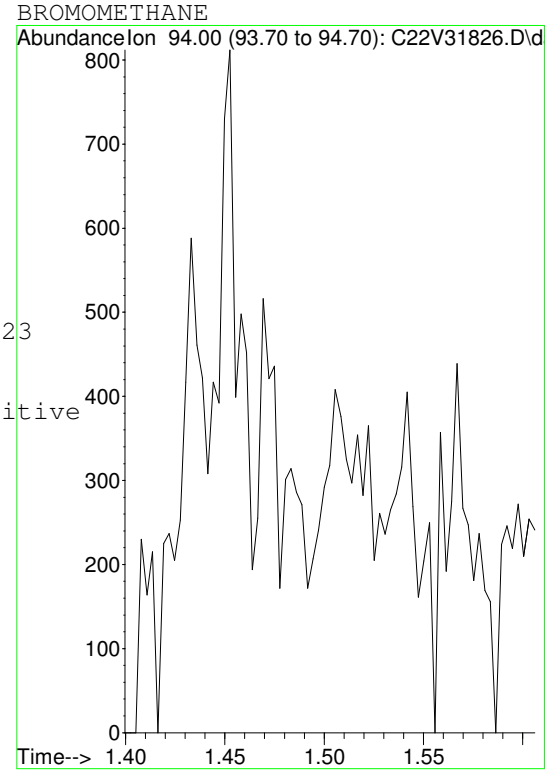
RT : 1.43
Area : 521
Amount: 0.290416

Manual Int. Results

Wed Nov 15 07:14:12 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

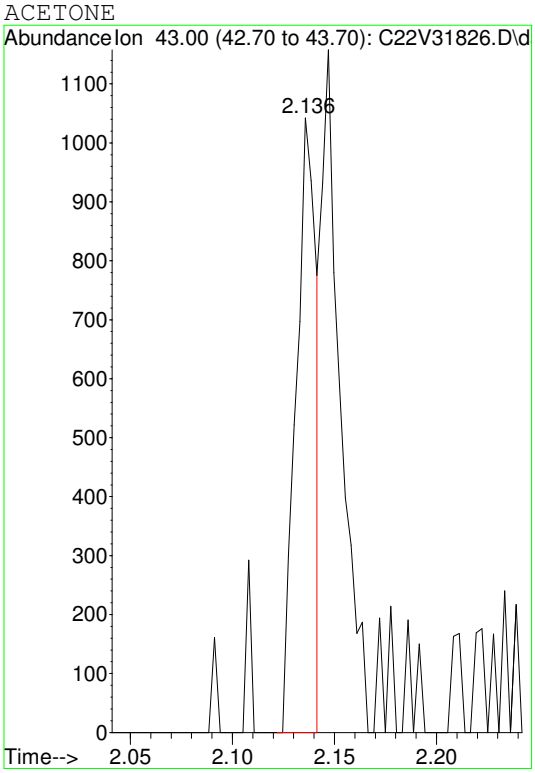
Manual Integration
BROMOMETHANE



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X
Misc : 20

Quant Time : Wed Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
ACETONE



Original Int. Results

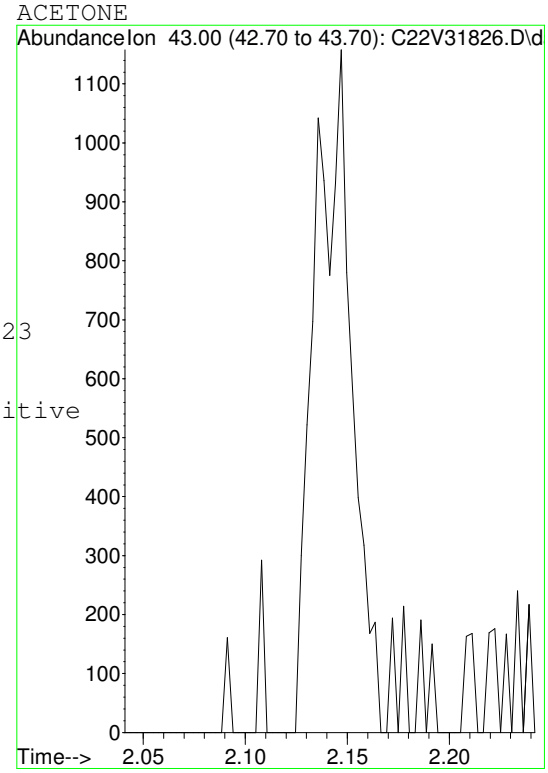
RT : 2.14
Area : 715
Amount: 0.674048

Manual Int. Results

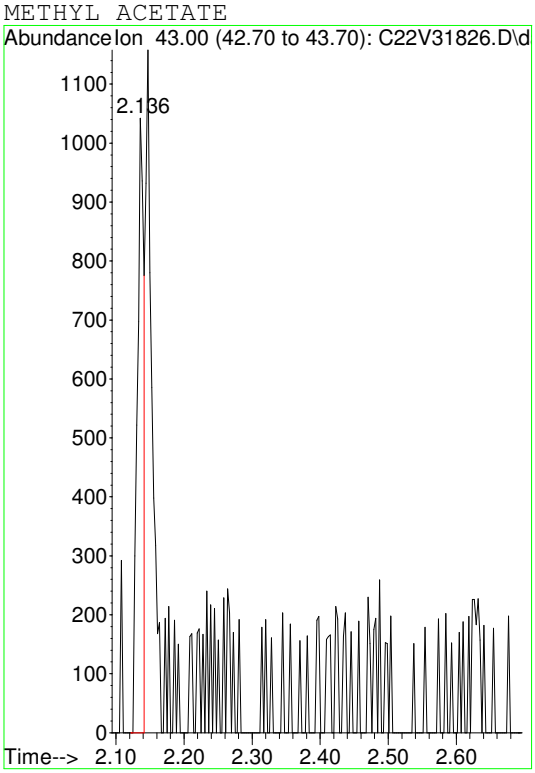
Wed Nov 15 07:14:17 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE



Original Integration
METHYL ACETATE



Original Int. Results

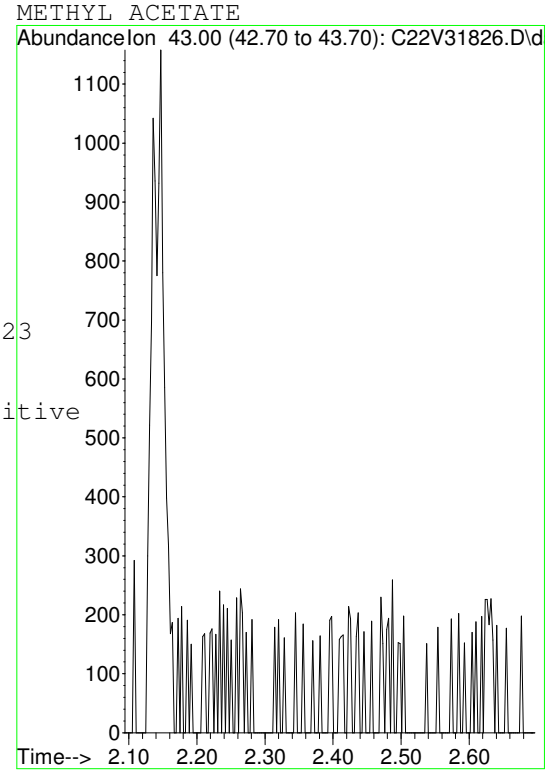
RT : 2.14
Area : 715
Amount: 0.173149

Manual Int. Results

Wed Nov 15 07:14:20 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

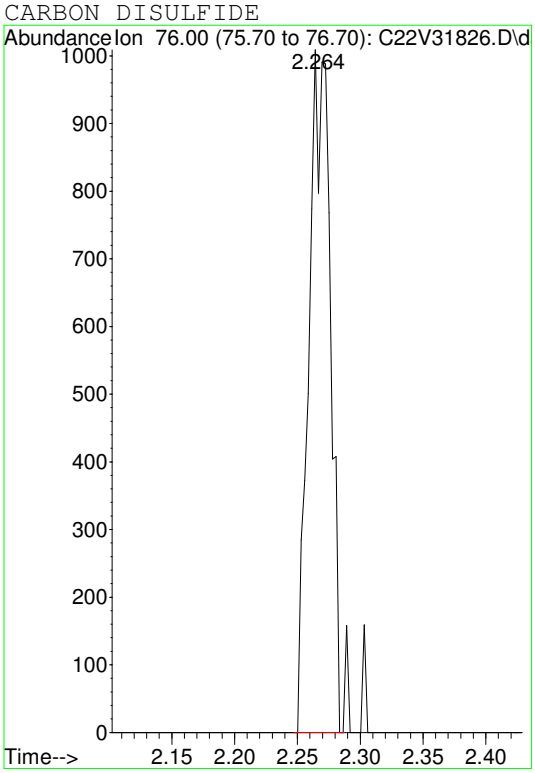
Manual Integration
METHYL ACETATE



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X
Misc : 20

Quant Time : Wed Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
CARBON DISULFIDE



Original Int. Results

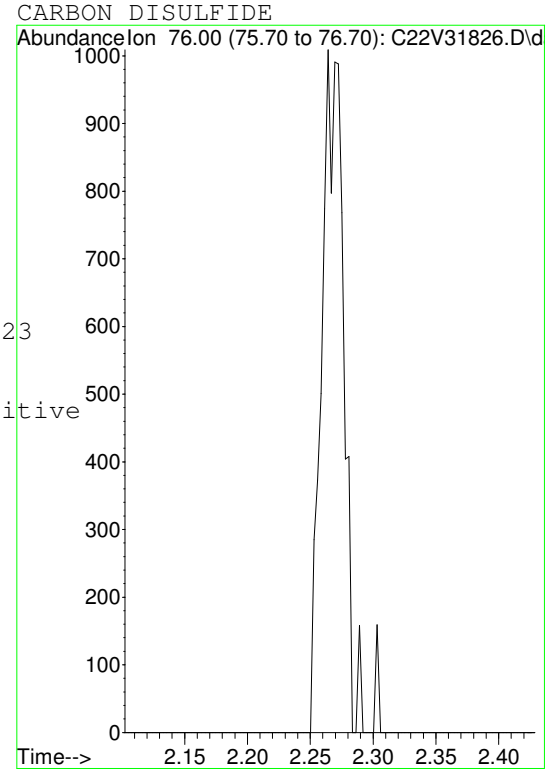
RT : 2.26
Area : 1221
Amount: 0.167616

Manual Int. Results

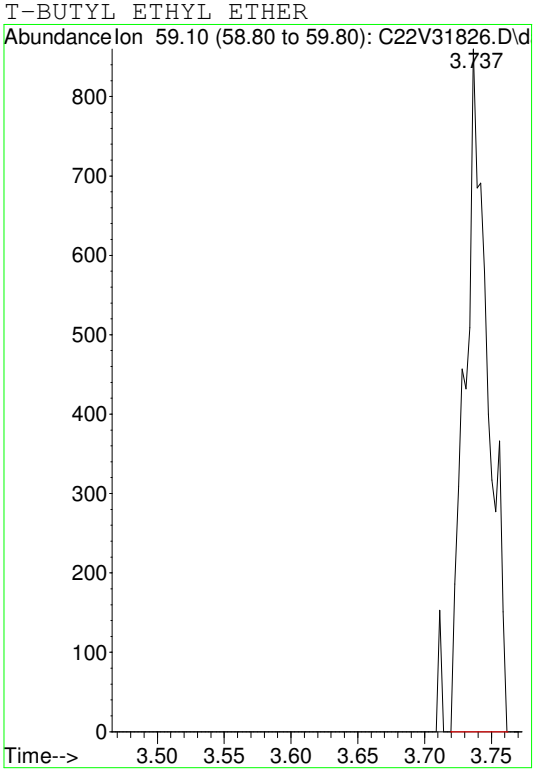
Wed Nov 15 07:14:30 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

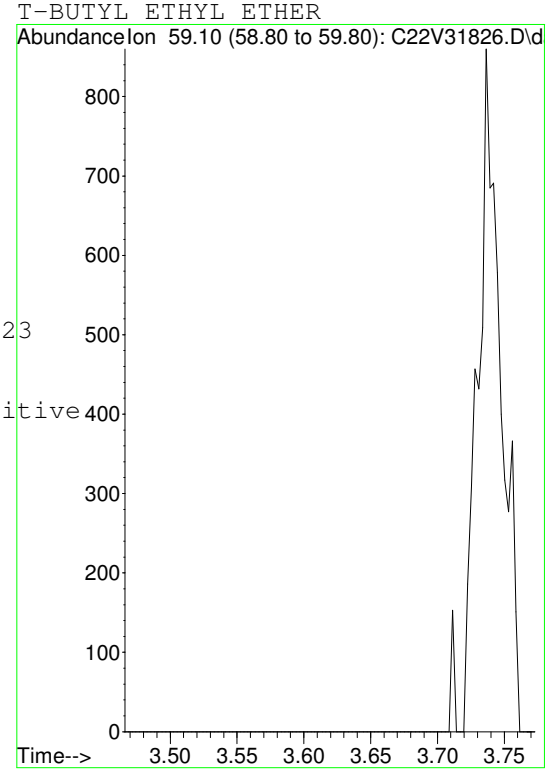
RT : 3.74
Area : 1040
Amount: 0.129055

Manual Int. Results

Wed Nov 15 07:14:36 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

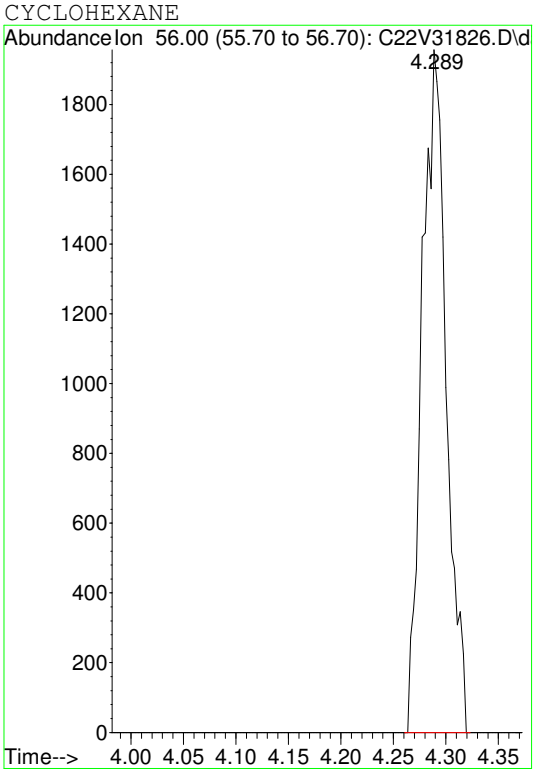
Manual Integration
T-BUTYL ETHYL ETHER



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31826.D
Acq On : 14 Nov 2023 8:25 pm
Operator :
Sample : 23K1148-01RE1 @ 20X
Misc : 20

Quant Time : Wed Nov 15 07:14:43 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
CYCLOHEXANE



Original Int. Results

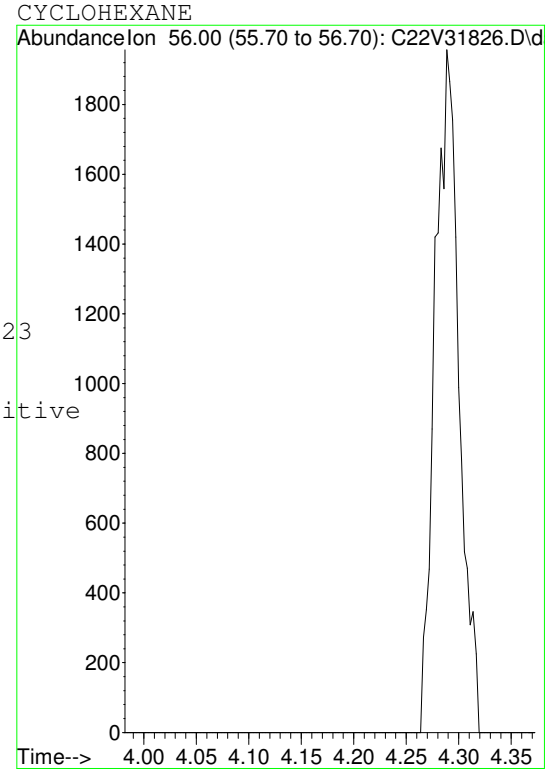
RT : 4.29
Area : 3127
Amount: 0.758165

Manual Int. Results

Wed Nov 15 07:14:42 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I
ANALYSIS DATA SHEET

MW-26S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-02	File ID:	B23V31714.D
Sampled:	11/07/23 10:20	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 15:00
Solids:		Preparation:	SW-846 5030B	Dilution:	10
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		20	500	
71-43-2	Benzene		1.8	10	
74-97-5	Bromochloromethane		2.8	10	
75-27-4	Bromodichloromethane		1.6	5.0	
75-25-2	Bromoform		4.1	10	
74-83-9	Bromomethane		13	20	
78-93-3	2-Butanone (MEK)		17	200	
75-15-0	Carbon Disulfide		16	50	
56-23-5	Carbon Tetrachloride		1.6	50	
108-90-7	Chlorobenzene		1.2	10	
124-48-1	Chlorodibromomethane		2.0	5.0	
75-00-3	Chloroethane		3.4	20	
67-66-3	Chloroform		1.4	20	
74-87-3	Chloromethane		5.0	20	
110-82-7	Cyclohexane		18	50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		8.5	50	
106-93-4	1,2-Dibromoethane (EDB)		1.6	5.0	
95-50-1	1,2-Dichlorobenzene		1.3	10	
541-73-1	1,3-Dichlorobenzene		1.4	10	
106-46-7	1,4-Dichlorobenzene		1.3	10	
75-71-8	Dichlorodifluoromethane (Freon 12)		1.6	20	
75-34-3	1,1-Dichloroethane		1.4	10	
107-06-2	1,2-Dichloroethane		3.0	10	
75-35-4	1,1-Dichloroethylene		1.4	10	
156-59-2	cis-1,2-Dichloroethylene	43	1.4	10	
156-60-5	trans-1,2-Dichloroethylene		1.7	10	
78-87-5	1,2-Dichloropropane		1.9	10	
10061-01-5	cis-1,3-Dichloropropene		1.6	5.0	
10061-02-6	trans-1,3-Dichloropropene		1.4	5.0	
123-91-1	1,4-Dioxane		180	500	

1 - FORM I
ANALYSIS DATA SHEET

MW-26S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-02	File ID:	B23V31714.D
Sampled:	11/07/23 10:20	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 15:00
Solids:		Preparation:	SW-846 5030B	Dilution:	10
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		2.2	10	
591-78-6	2-Hexanone (MBK)		12	100	
98-82-8	Isopropylbenzene (Cumene)		1.5	10	
79-20-9	Methyl Acetate		6.1	10	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		1.7	10	
108-87-2	Methyl Cyclohexane		1.6	10	
75-09-2	Methylene Chloride		1.8	50	
108-10-1	4-Methyl-2-pentanone (MIBK)		13	100	
100-42-5	Styrene		1.5	10	
79-34-5	1,1,2,2-Tetrachloroethane		1.4	5.0	
127-18-4	Tetrachloroethylene	610	1.7	10	
108-88-3	Toluene		2.2	10	
87-61-6	1,2,3-Trichlorobenzene		3.4	50	
120-82-1	1,2,4-Trichlorobenzene		3.0	10	
71-55-6	1,1,1-Trichloroethane		1.5	10	
79-00-5	1,1,2-Trichloroethane		1.9	10	
79-01-6	Trichloroethylene	13	1.7	10	
75-69-4	Trichlorofluoromethane (Freon 11)		1.5	20	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		2.1	10	
75-01-4	Vinyl Chloride		2.4	20	
1330-20-7	Xylenes (total)		10	10	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31714.D
Acq On : 13 Nov 2023 3:00 pm
Operator :
Sample : 23K1148-02 @ 10X Inst : GCMSVOA2
Misc :
ALS Vial : 14 Sample Multiplier: 1

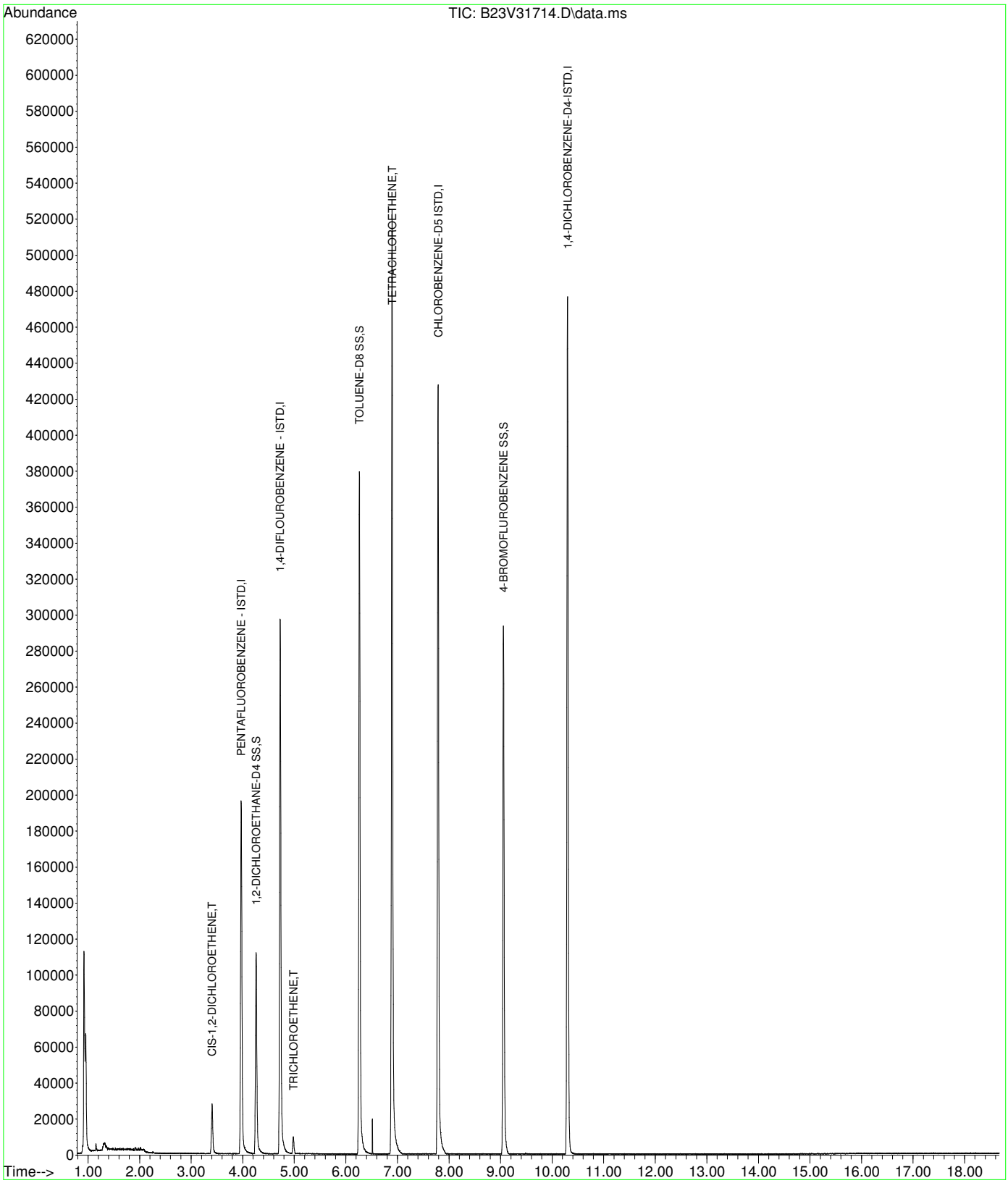
Quant Time: Nov 14 11:01:33 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

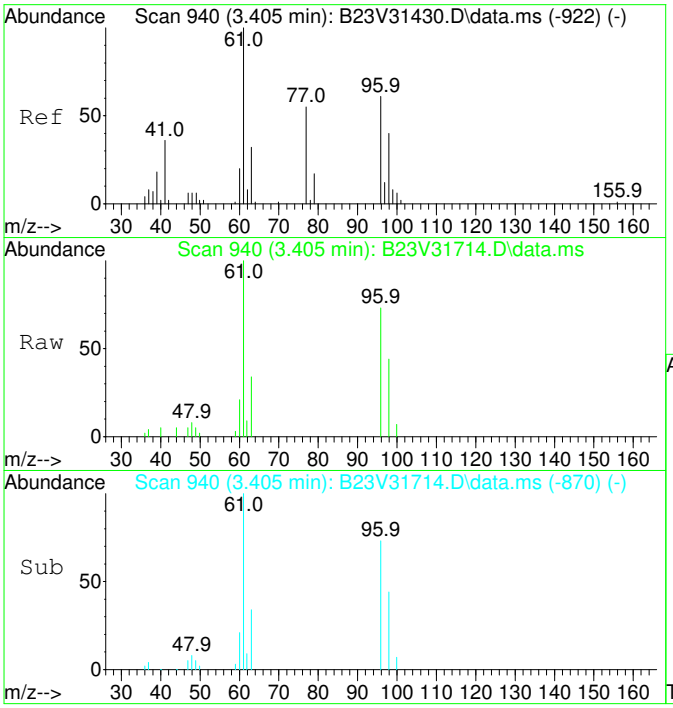
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.971	168	142293	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.724	114	240989	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.789	82	132079	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	140434	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	78560	26.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.16%			
45) TOLUENE-D8 SS	6.261	98	254090	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
66) 4-BROMOFLUROBENZENE SS	9.058	95	102208	24.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.44%			
Target Compounds						Qvalue
30) CIS-1,2-DICHLOROETHENE	3.405	61	16964	4.34	UG/L	90
47) TRICHLOROETHENE	4.984	95	3030	1.31	UG/L	97
61) TETRACHLOROETHENE	6.897	164	127164	60.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31714.D
Acq On : 13 Nov 2023 3:00 pm
Operator :
Sample : 23K1148-02 @ 10X Inst : GCMSVOA2
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 14 11:01:33 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

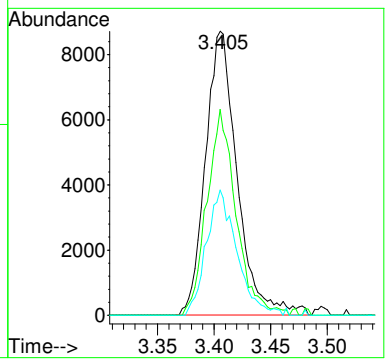


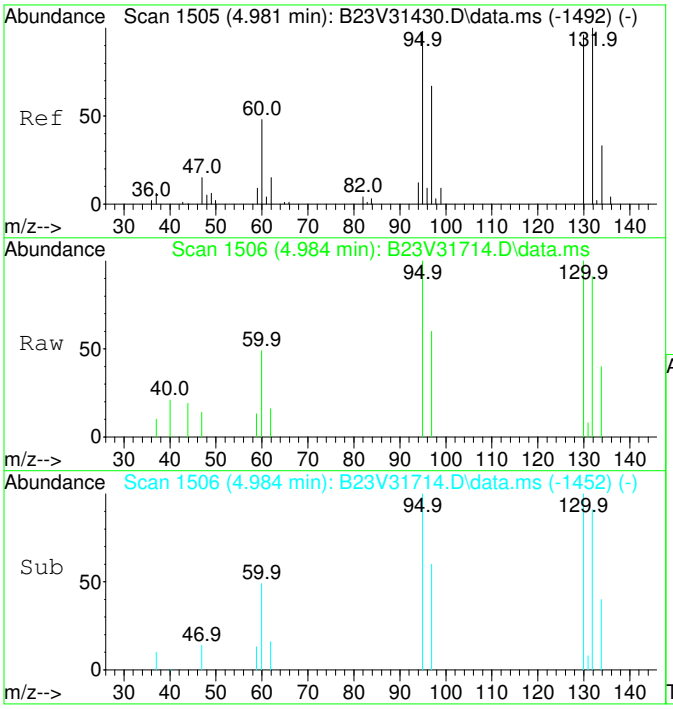


#30
CIS-1,2-DICHLOROETHENE
Concen: 4.34 UG/L
RT: 3.405 min Scan# 940
Delta R.T. -0.006 min
Lab File: B23V31714.D
Acq: 13 Nov 2023 3:00 pm

Tgt Ion: 61 Resp: 16964

Ion	Ratio	Lower	Upper
61	100		
96	66.6	47.4	71.0
98	42.4	29.6	44.4

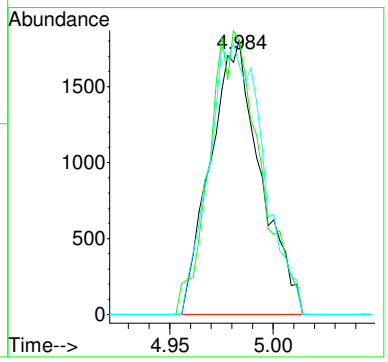


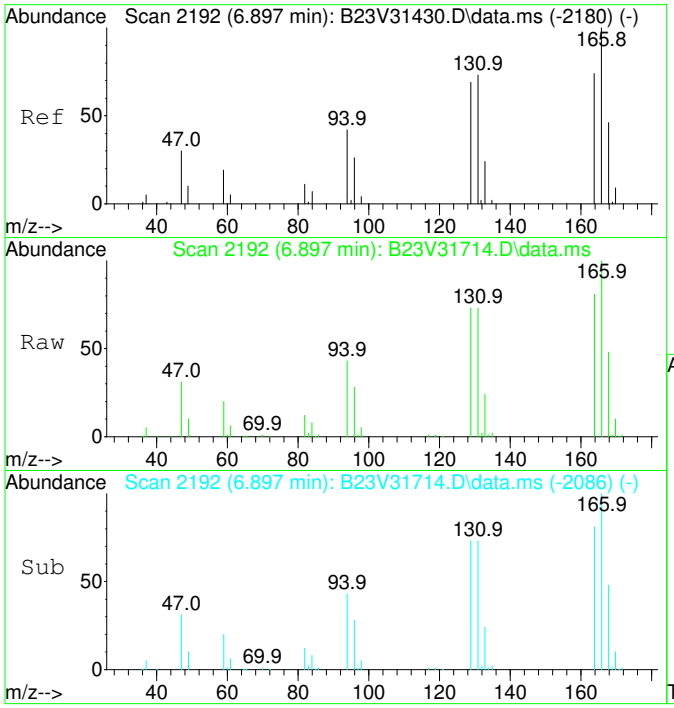


#47
TRICHLOROETHENE
Concen: 1.31 UG/L
RT: 4.984 min Scan# 1506
Delta R.T. -0.000 min
Lab File: B23V31714.D
Acq: 13 Nov 2023 3:00 pm

Tgt Ion: 95 Resp: 3030

Ion	Ratio	Lower	Upper
95	100		
130	105.2	83.2	124.8
132	108.0	81.9	122.9

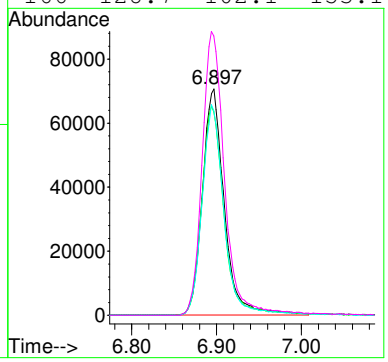




#61
TETRACHLOROETHENE
Concen: 60.97 UG/L
RT: 6.897 min Scan# 2192
Delta R.T. -0.005 min
Lab File: B23V31714.D
Acq: 13 Nov 2023 3:00 pm

Tgt Ion:164 Resp: 127164

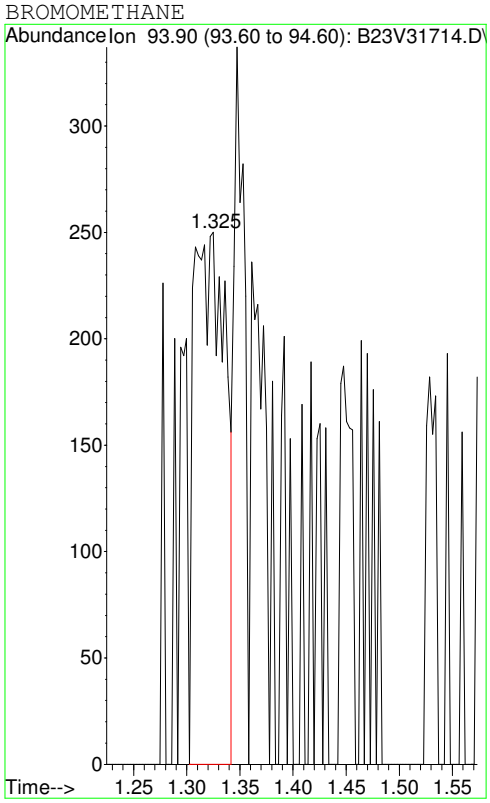
Ion	Ratio	Lower	Upper
164	100		
129	94.3	72.6	108.8
131	92.4	71.7	107.5
166	128.7	102.1	153.1



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31714.D
Acq On : 13 Nov 2023 3:00 pm
Operator :
Sample : 23K1148-02 @ 10X
Misc :

Quant Time : Tue Nov 14 12:51:46 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
BROMOMETHANE



Original Int. Results

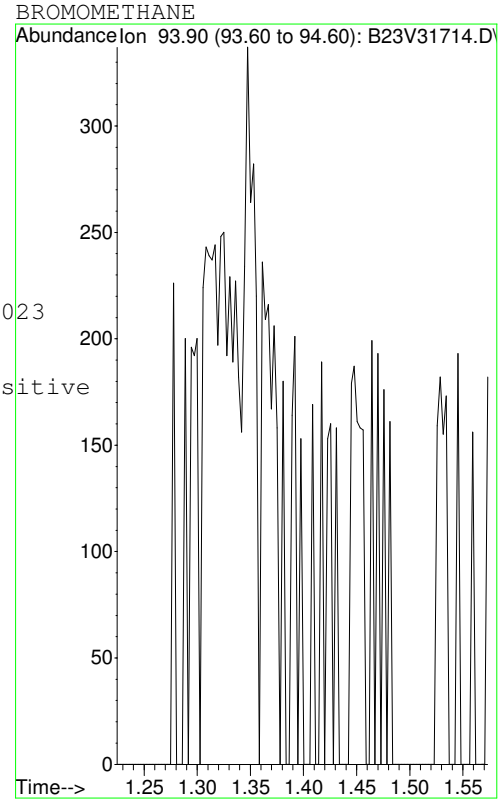
RT : 1.32
Area : 512
Amount: 0.369825

Manual Int. Results

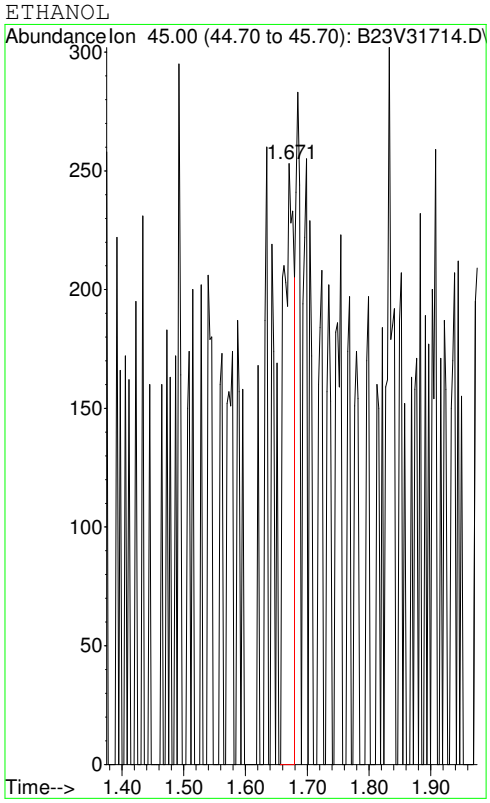
Tue Nov 14 12:51:22 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
BROMOMETHANE



Original Integration
ETHANOL



Original Int. Results

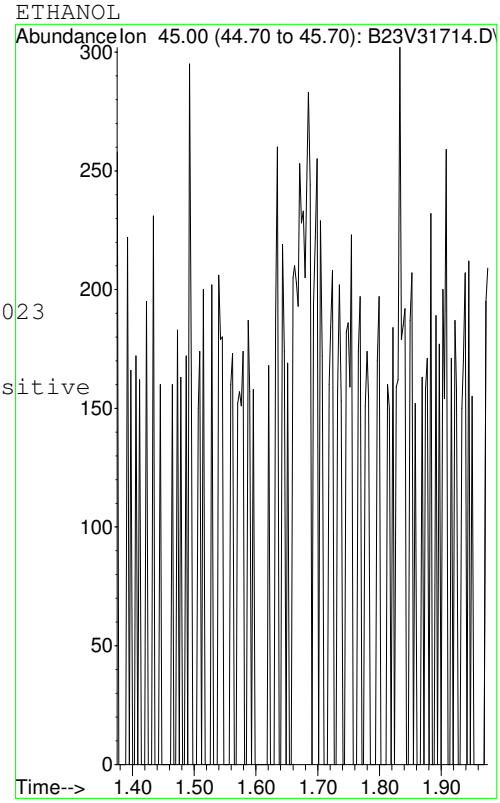
RT : 1.67
Area : 289
Amount: 6.4728

Manual Int. Results

Tue Nov 14 12:51:27 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

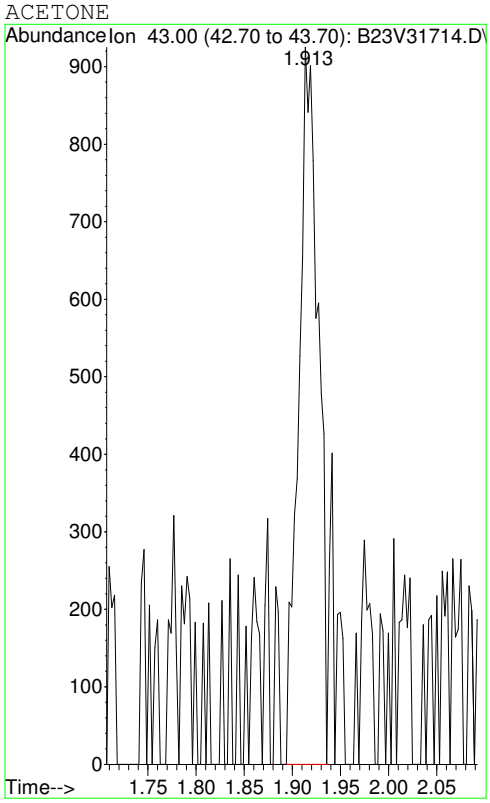
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31714.D
Acq On : 13 Nov 2023 3:00 pm
Operator :
Sample : 23K1148-02 @ 10X
Misc :

Quant Time : Tue Nov 14 12:51:46 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ACETONE



Original Int. Results

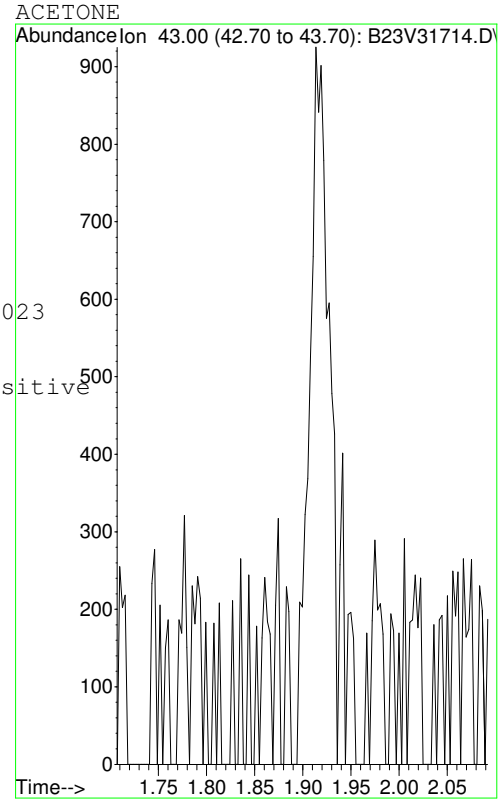
RT : 1.91
Area : 1306
Amount: 1.45928

Manual Int. Results

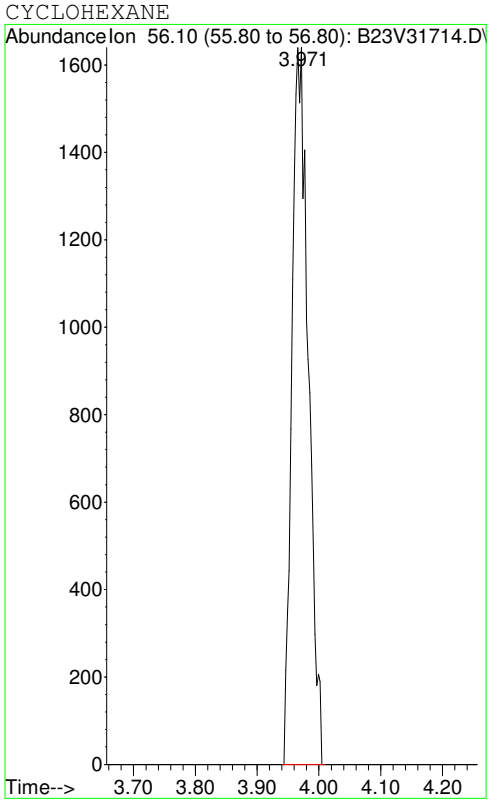
Tue Nov 14 12:51:31 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE



Original Integration
CYCLOHEXANE



Original Int. Results

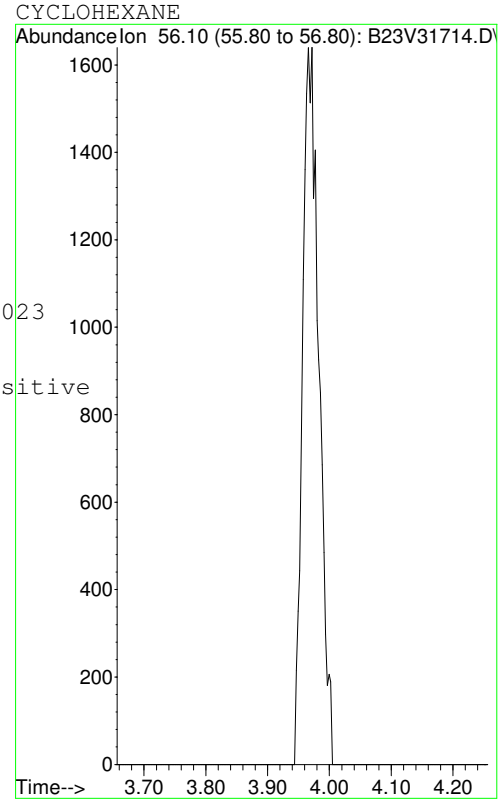
RT : 3.97
Area : 3029
Amount: 0.55449

Manual Int. Results

Tue Nov 14 12:51:38 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

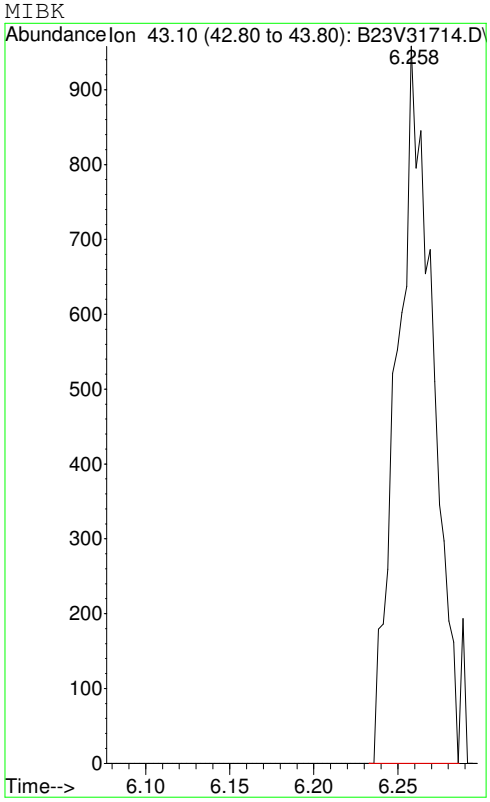
Manual Integration
CYCLOHEXANE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31714.D
Acq On : 13 Nov 2023 3:00 pm
Operator :
Sample : 23K1148-02 @ 10X
Misc :

Quant Time : Tue Nov 14 12:51:46 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
MIBK



Original Int. Results

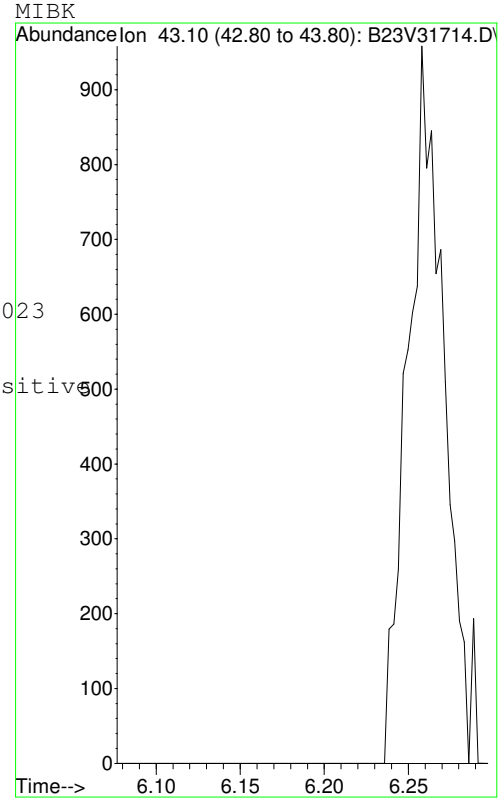
RT : 6.26
Area : 1402
Amount: 0.450431

Manual Int. Results

Tue Nov 14 12:51:45 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

MW-27S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-03	File ID:	B23V31711.D
Sampled:	11/07/23 11:25	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 13:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	2.8	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	1.9	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

1 - FORM I
ANALYSIS DATA SHEET

MW-27S

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-03	File ID:	B23V31711.D
Sampled:	11/07/23 11:25	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 13:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	5.1	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31711.D
Acq On : 13 Nov 2023 1:42 pm
Operator :
Sample : 23K1148-03 Inst : GCMSVOA2
Misc :
ALS Vial : 11 Sample Multiplier: 1

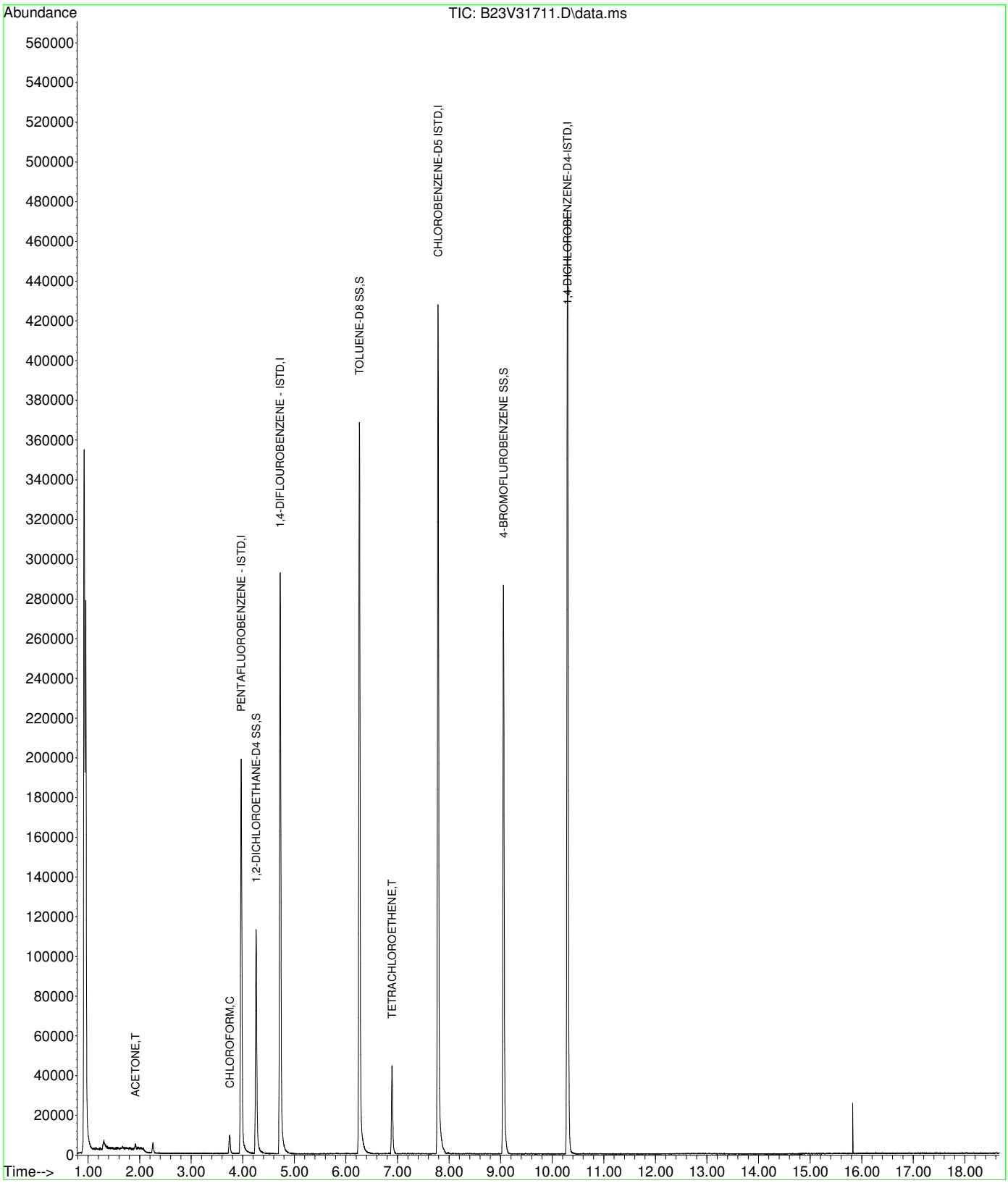
Quant Time: Nov 14 11:01:27 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

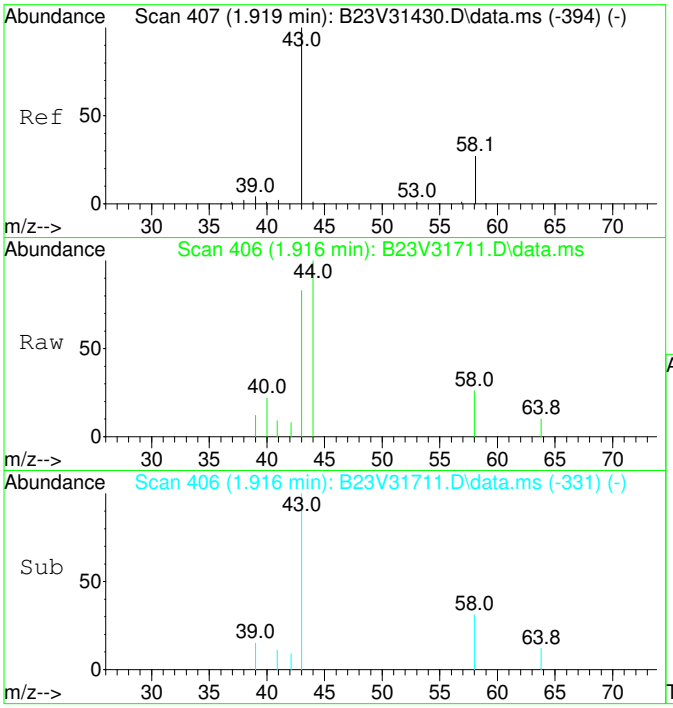
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.969	168	140299	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.724	114	239190	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.786	82	130059	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.296	152	138320	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	78207	26.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%			
45) TOLUENE-D8 SS	6.261	98	251999	25.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%			
66) 4-BROMOFLUROBENZENE SS	9.052	95	100721	24.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.52%			
Target Compounds						Qvalue
14) ACETONE	1.916	43	2468	2.80	UG/L	90
36) CHLOROFORM	3.746	83	7207	1.94	UG/L	95
61) TETRACHLOROETHENE	6.894	164	10468	5.06	UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31711.D
Acq On : 13 Nov 2023 1:42 pm
Operator :
Sample : 23K1148-03 Inst : GCMSVOA2
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 14 11:01:27 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

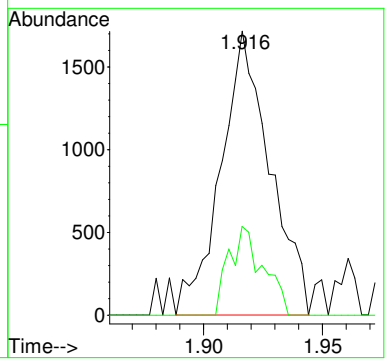


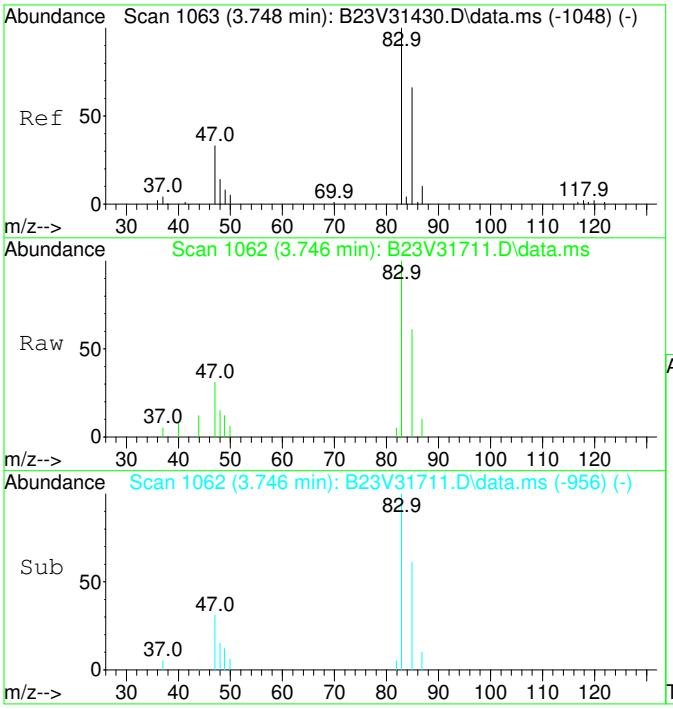


#14
ACETONE
Concen: 2.80 UG/L
RT: 1.916 min Scan# 406
Delta R.T. -0.003 min
Lab File: B23V31711.D
Acq: 13 Nov 2023 1:42 pm

Tgt Ion: 43 Resp: 2468

Ion	Ratio	Lower	Upper
43	100		
58	21.8	21.5	32.3

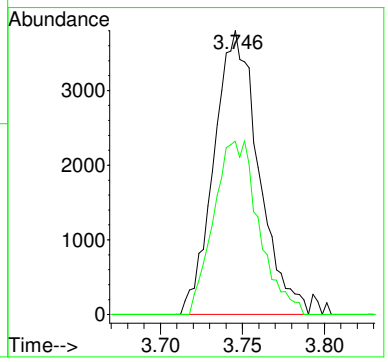


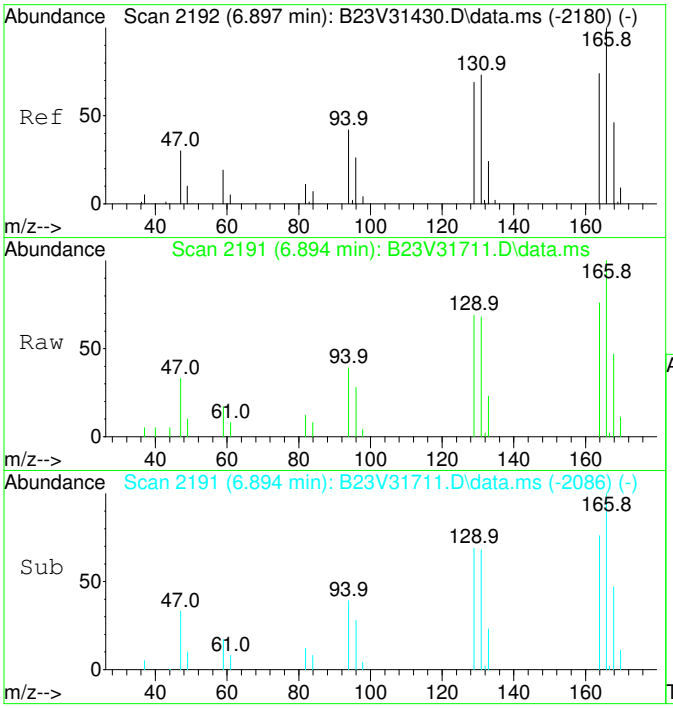


#36
CHLOROFORM
Concen: 1.94 UG/L
RT: 3.746 min Scan# 1062
Delta R.T. -0.005 min
Lab File: B23V31711.D
Acq: 13 Nov 2023 1:42 pm

Tgt Ion: 83 Resp: 7207

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.5	78.7

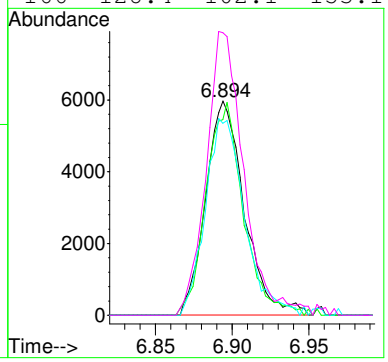




#61
TETRACHLOROETHENE
Concen: 5.06 UG/L
RT: 6.894 min Scan# 2191
Delta R.T. -0.008 min
Lab File: B23V31711.D
Acq: 13 Nov 2023 1:42 pm

Tgt Ion:164 Resp: 10468

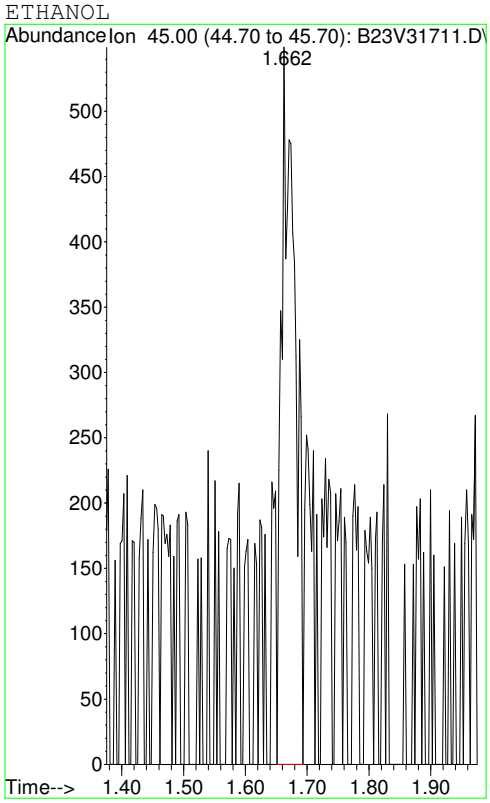
Ion	Ratio	Lower	Upper
164	100		
129	95.3	72.6	108.8
131	93.0	71.7	107.5
166	128.4	102.1	153.1



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31711.D
Acq On : 13 Nov 2023 1:42 pm
Operator :
Sample : 23K1148-03
Misc :

Quant Time : Tue Nov 14 12:49:14 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHANOL



Original Int. Results

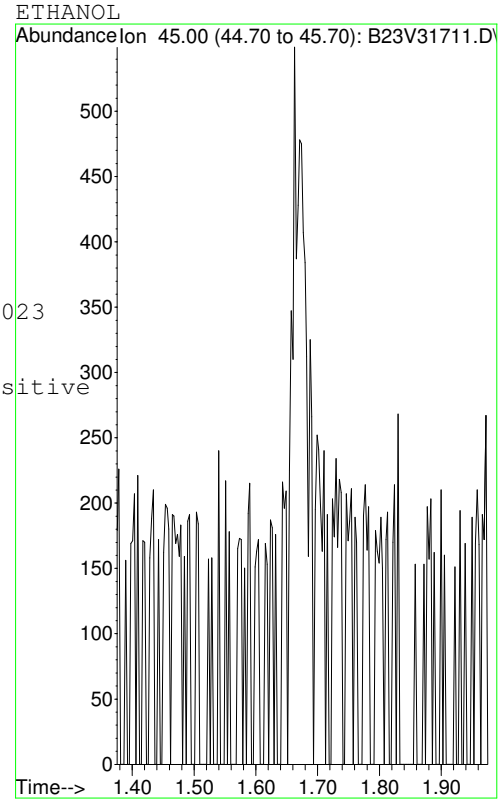
RT : 1.66
Area : 845
Amount: 19.1946

Manual Int. Results

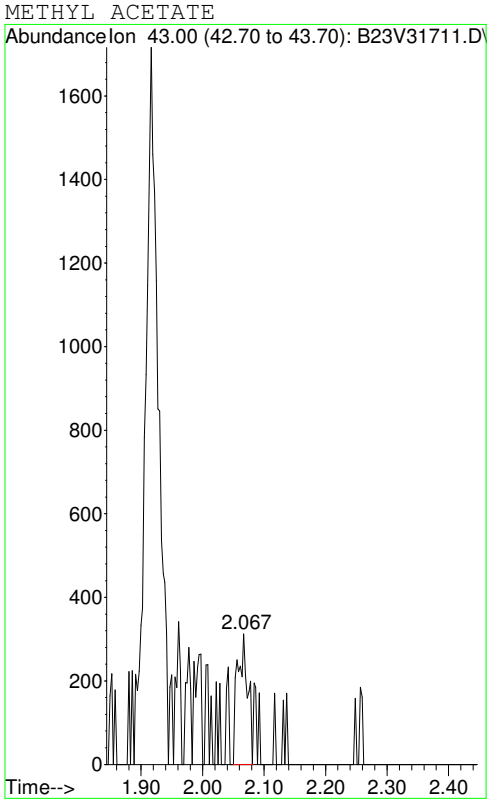
Tue Nov 14 12:48:53 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
METHYL ACETATE



Original Int. Results

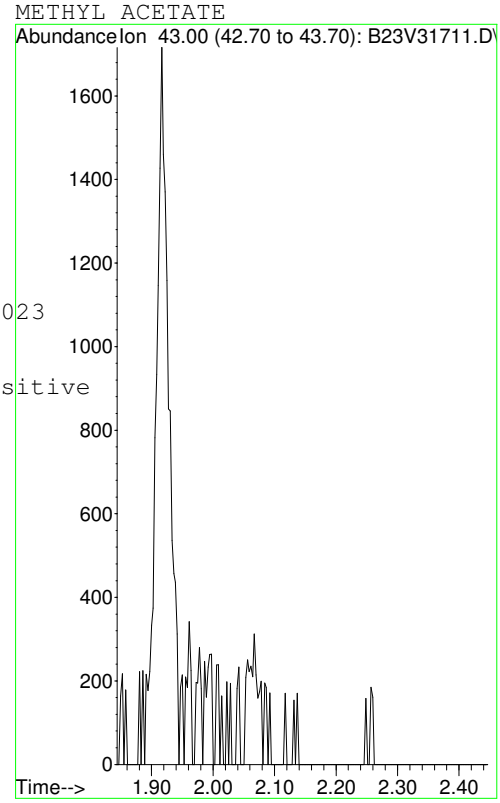
RT : 2.07
Area : 366
Amount: 0.142795

Manual Int. Results

Tue Nov 14 12:49:02 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

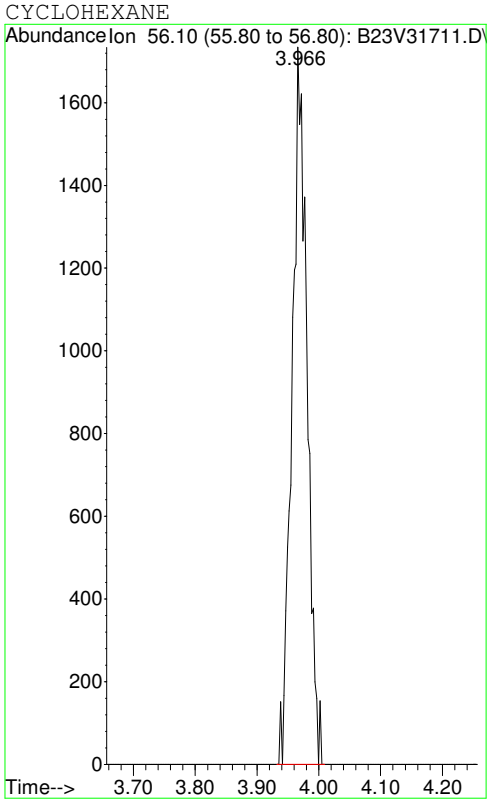
Manual Integration
METHYL ACETATE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31711.D
Acq On : 13 Nov 2023 1:42 pm
Operator :
Sample : 23K1148-03
Misc :

Quant Time : Tue Nov 14 12:49:14 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CYCLOHEXANE



Original Int. Results

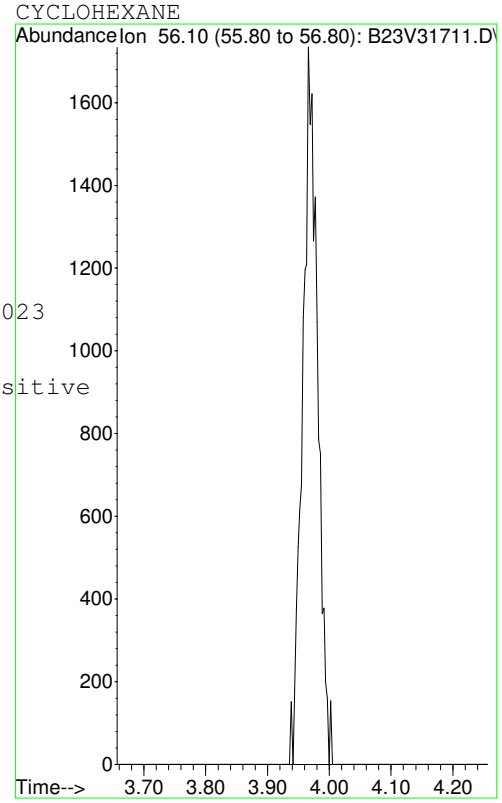
RT : 3.97
Area : 2908
Amount: 0.539905

Manual Int. Results

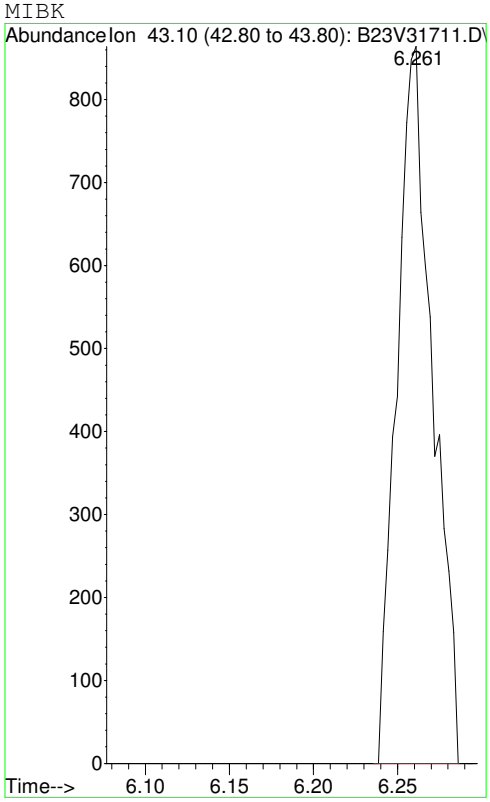
Tue Nov 14 12:49:08 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
MIBK



Original Int. Results

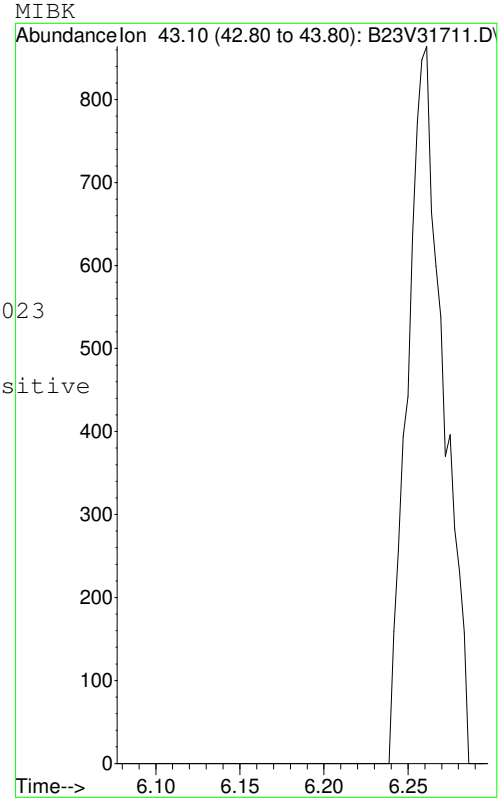
RT : 6.26
Area : 1273
Amount: 0.412063

Manual Int. Results

Tue Nov 14 12:49:13 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

MW-23D

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-04	File ID:	B23V31712.D
Sampled:	11/07/23 13:10	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 14:08
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.34	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

1 - FORM I
ANALYSIS DATA SHEET

MW-23D

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-04	File ID:	B23V31712.D
Sampled:	11/07/23 13:10	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 14:08
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	0.47	0.17	1.0	J
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31712.D
Acq On : 13 Nov 2023 2:08 pm
Operator :
Sample : 23K1148-04 Inst : GCMSVOA2
Misc :
ALS Vial : 12 Sample Multiplier: 1

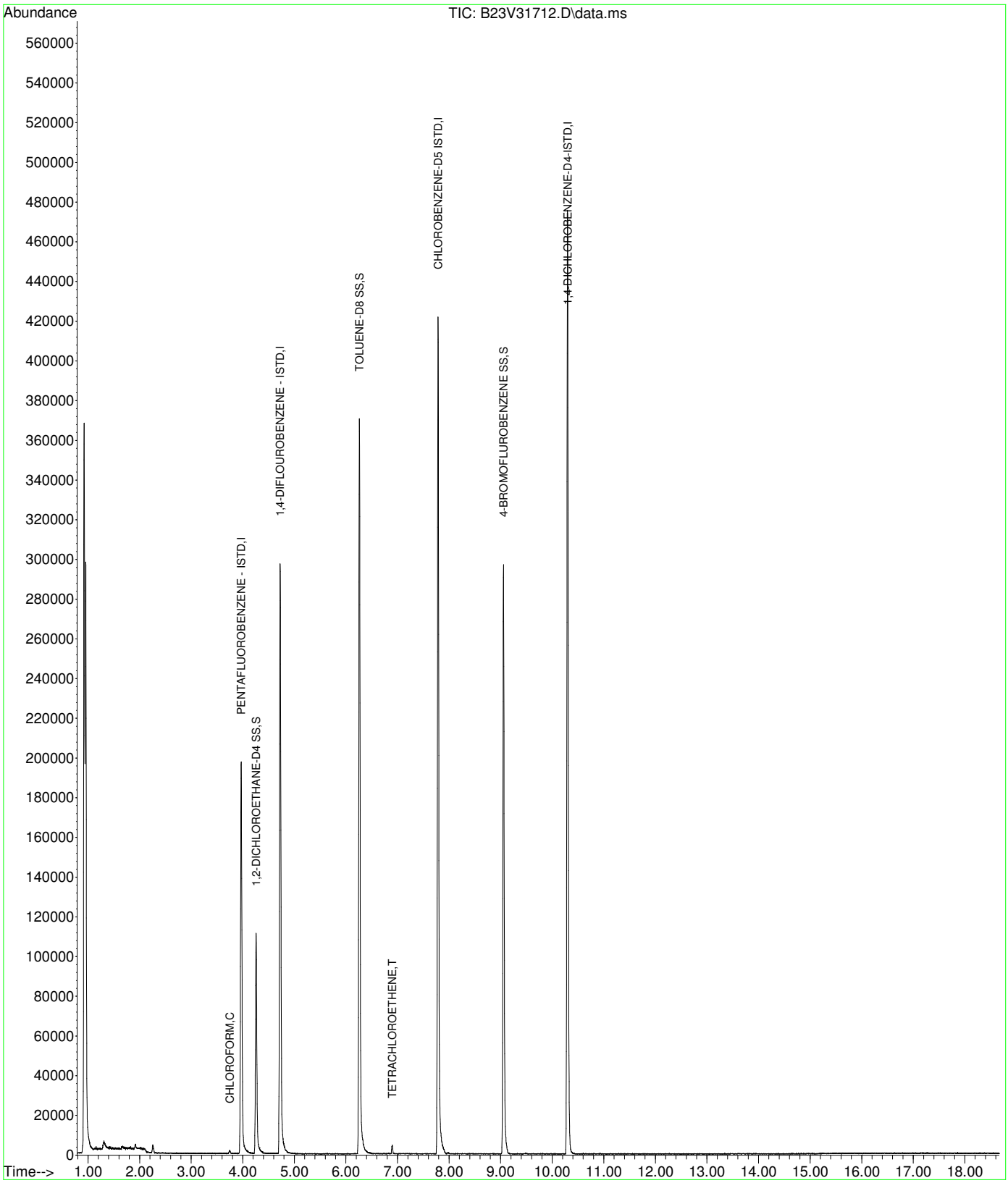
Quant Time: Nov 14 11:01:29 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

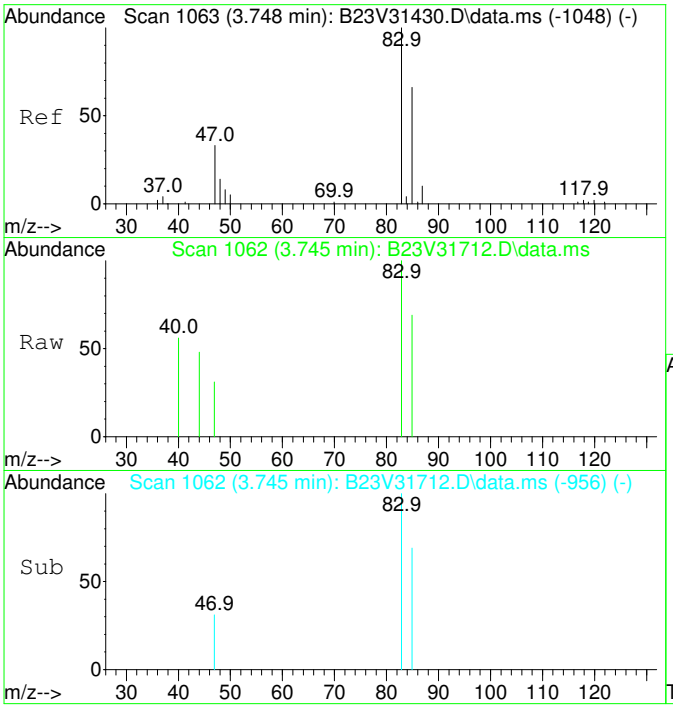
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.971	168	141459	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.724	114	239729	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.786	82	130055	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	139262	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	78437	26.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.64%			
45) TOLUENE-D8 SS	6.261	98	250606	24.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%			
66) 4-BROMOFLUROBENZENE SS	9.055	95	100715	24.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.52%			
Target Compounds						Qvalue
36) CHLOROFORM	3.745	83	1262	0.34	UG/L	97
61) TETRACHLOROETHENE	6.897	164	983	0.47	UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31712.D
Acq On : 13 Nov 2023 2:08 pm
Operator :
Sample : 23K1148-04 Inst : GCMSVOA2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 14 11:01:29 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

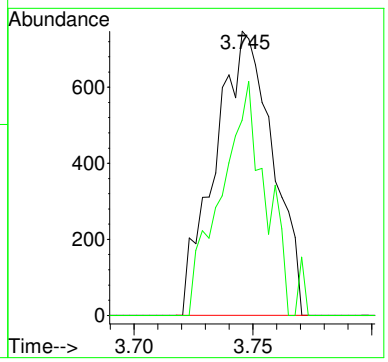


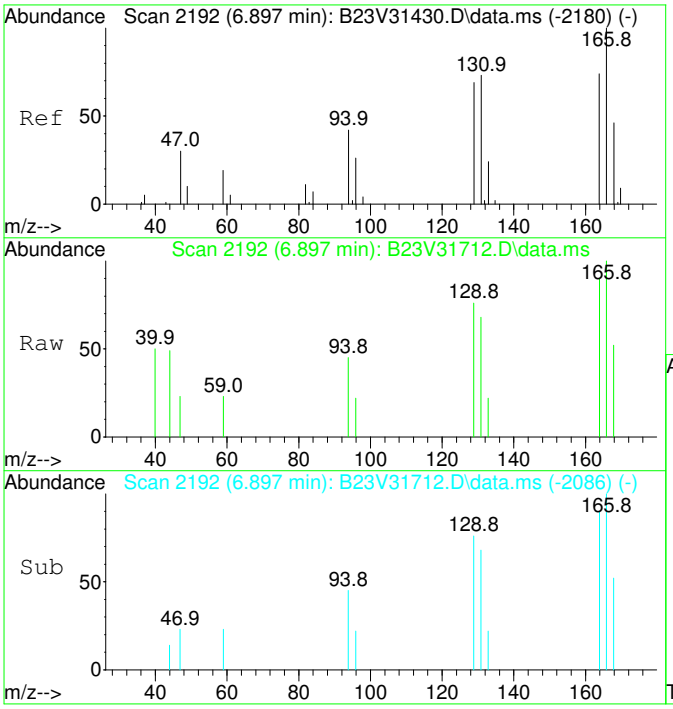


#36
CHLOROFORM
Concen: 0.34 UG/L
RT: 3.745 min Scan# 1062
Delta R.T. -0.006 min
Lab File: B23V31712.D
Acq: 13 Nov 2023 2:08 pm

Tgt Ion: 83 Resp: 1262

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.5	78.7

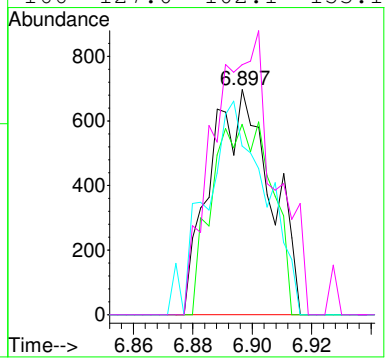




#61
TETRACHLOROETHENE
Concen: 0.47 UG/L
RT: 6.897 min Scan# 2192
Delta R.T. -0.005 min
Lab File: B23V31712.D
Acq: 13 Nov 2023 2:08 pm

Tgt Ion:164 Resp: 983

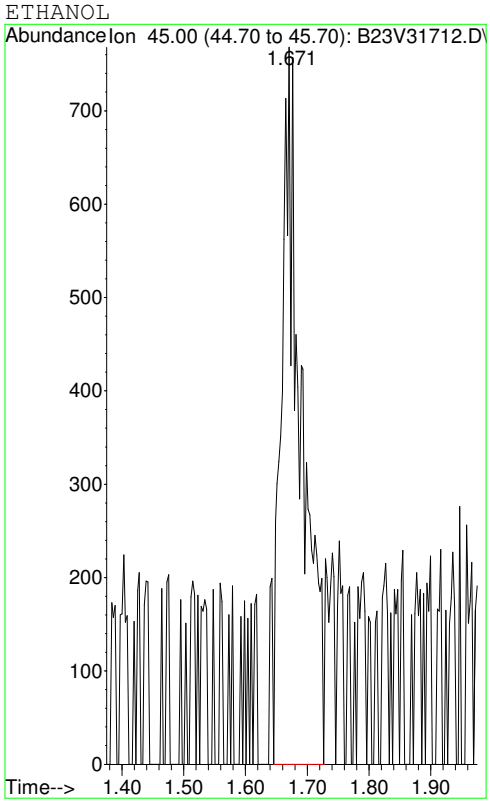
Ion	Ratio	Lower	Upper
164	100		
129	84.4	72.6	108.8
131	93.8	71.7	107.5
166	127.0	102.1	153.1



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31712.D
Acq On : 13 Nov 2023 2:08 pm
Operator :
Sample : 23K1148-04
Misc :

Quant Time : Tue Nov 14 12:49:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHANOL



Original Int. Results

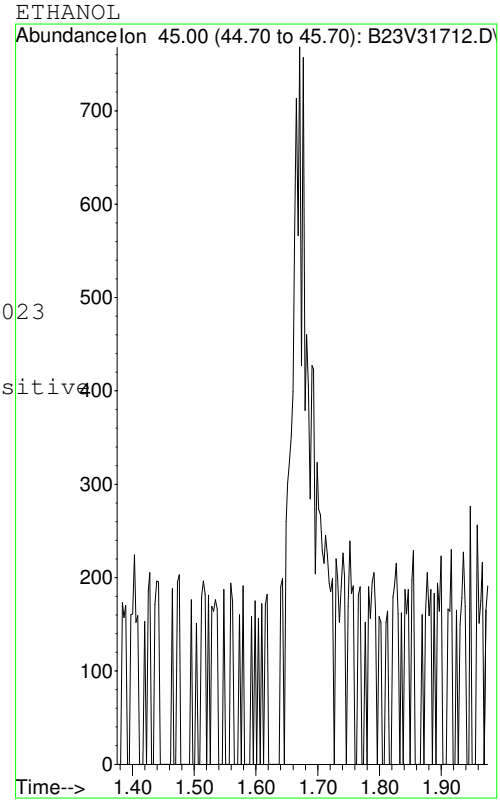
RT : 1.67
Area : 1734
Amount: 39.0658

Manual Int. Results

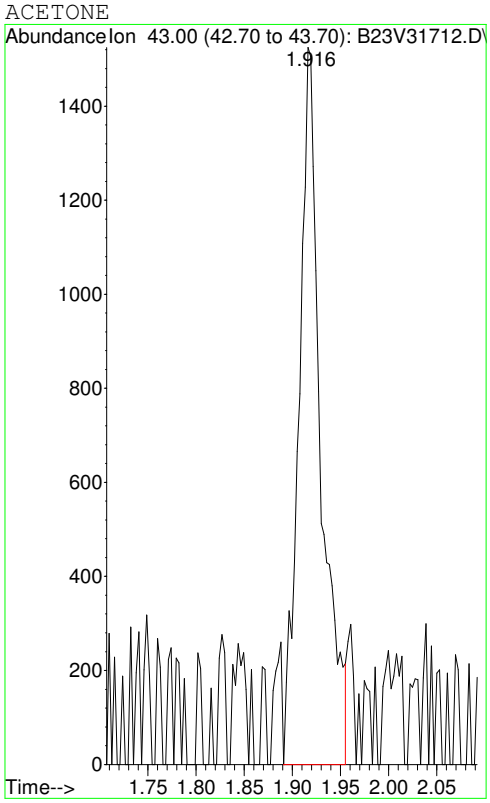
Tue Nov 14 12:49:40 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ACETONE



Original Int. Results

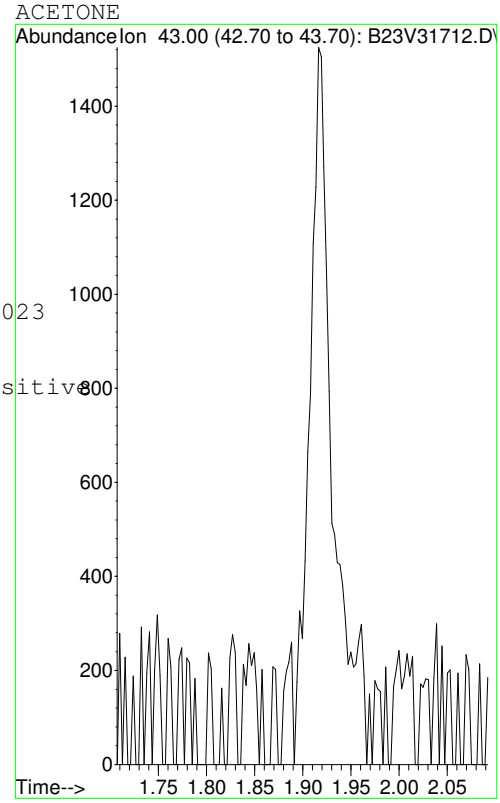
RT : 1.92
Area : 2435
Amount: 2.73683

Manual Int. Results

Tue Nov 14 12:49:44 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

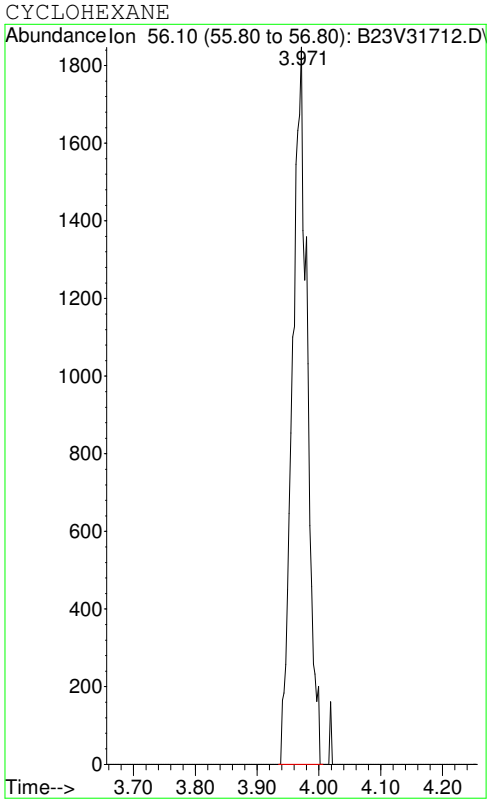
Manual Integration
ACETONE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31712.D
Acq On : 13 Nov 2023 2:08 pm
Operator :
Sample : 23K1148-04
Misc :

Quant Time : Tue Nov 14 12:49:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CYCLOHEXANE



Original Int. Results

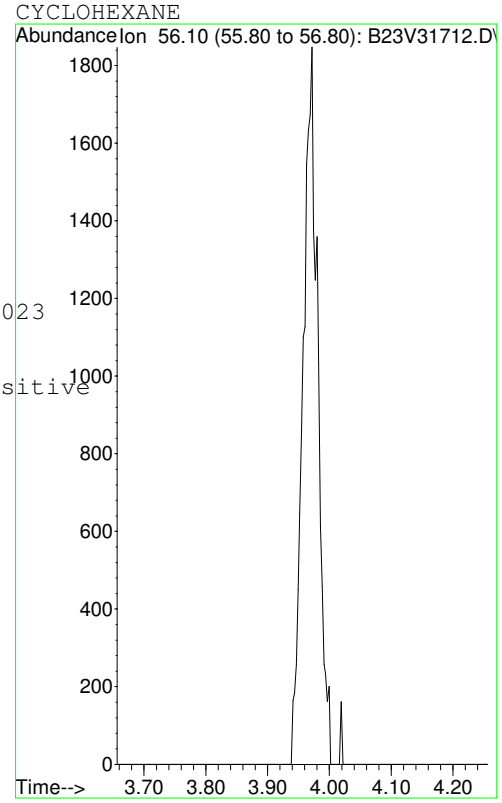
RT : 3.97
Area : 3081
Amount: 0.567334

Manual Int. Results

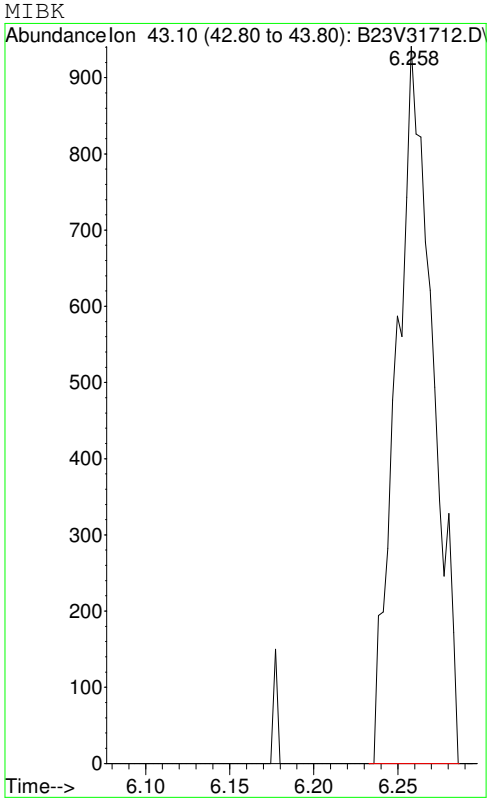
Tue Nov 14 12:49:50 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
MIBK



Original Int. Results

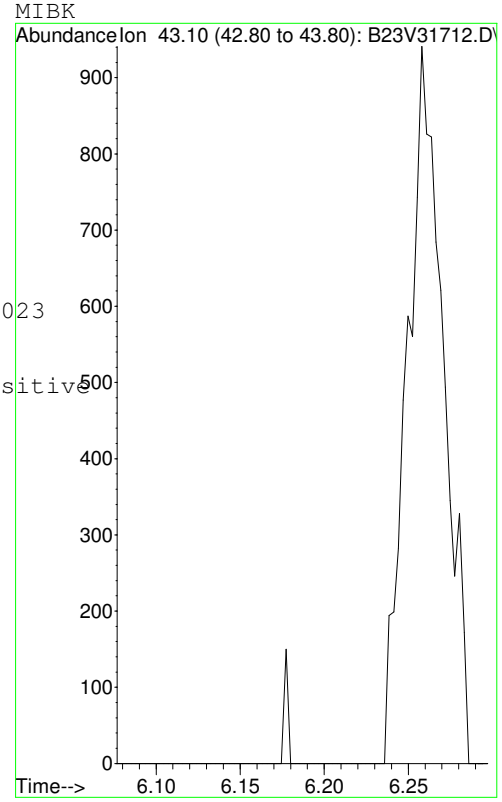
RT : 6.26
Area : 1426
Amount: 0.46055

Manual Int. Results

Tue Nov 14 12:49:54 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

DUP

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-05	File ID:	B23V31715.D
Sampled:	11/07/23 00:00	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 15:26
Solids:		Preparation:	SW-846 5030B	Dilution:	10
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		20	500	
71-43-2	Benzene		1.8	10	
74-97-5	Bromochloromethane		2.8	10	
75-27-4	Bromodichloromethane		1.6	5.0	
75-25-2	Bromoform		4.1	10	
74-83-9	Bromomethane		13	20	
78-93-3	2-Butanone (MEK)		17	200	
75-15-0	Carbon Disulfide		16	50	
56-23-5	Carbon Tetrachloride		1.6	50	
108-90-7	Chlorobenzene		1.2	10	
124-48-1	Chlorodibromomethane		2.0	5.0	
75-00-3	Chloroethane		3.4	20	
67-66-3	Chloroform		1.4	20	
74-87-3	Chloromethane		5.0	20	
110-82-7	Cyclohexane		18	50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		8.5	50	
106-93-4	1,2-Dibromoethane (EDB)		1.6	5.0	
95-50-1	1,2-Dichlorobenzene		1.3	10	
541-73-1	1,3-Dichlorobenzene		1.4	10	
106-46-7	1,4-Dichlorobenzene		1.3	10	
75-71-8	Dichlorodifluoromethane (Freon 12)		1.6	20	
75-34-3	1,1-Dichloroethane		1.4	10	
107-06-2	1,2-Dichloroethane		3.0	10	
75-35-4	1,1-Dichloroethylene		1.4	10	
156-59-2	cis-1,2-Dichloroethylene	41	1.4	10	
156-60-5	trans-1,2-Dichloroethylene		1.7	10	
78-87-5	1,2-Dichloropropane		1.9	10	
10061-01-5	cis-1,3-Dichloropropene		1.6	5.0	
10061-02-6	trans-1,3-Dichloropropene		1.4	5.0	
123-91-1	1,4-Dioxane		180	500	

1 - FORM I
ANALYSIS DATA SHEET

DUP

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Ground Water	Laboratory ID:	23K1148-05	File ID:	B23V31715.D
Sampled:	11/07/23 00:00	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 15:26
Solids:		Preparation:	SW-846 5030B	Dilution:	10
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		2.2	10	
591-78-6	2-Hexanone (MBK)		12	100	
98-82-8	Isopropylbenzene (Cumene)		1.5	10	
79-20-9	Methyl Acetate		6.1	10	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		1.7	10	
108-87-2	Methyl Cyclohexane		1.6	10	
75-09-2	Methylene Chloride		1.8	50	
108-10-1	4-Methyl-2-pentanone (MIBK)		13	100	
100-42-5	Styrene		1.5	10	
79-34-5	1,1,2,2-Tetrachloroethane		1.4	5.0	
127-18-4	Tetrachloroethylene	610	1.7	10	
108-88-3	Toluene		2.2	10	
87-61-6	1,2,3-Trichlorobenzene		3.4	50	
120-82-1	1,2,4-Trichlorobenzene		3.0	10	
71-55-6	1,1,1-Trichloroethane		1.5	10	
79-00-5	1,1,2-Trichloroethane		1.9	10	
79-01-6	Trichloroethylene	14	1.7	10	
75-69-4	Trichlorofluoromethane (Freon 11)		1.5	20	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		2.1	10	
75-01-4	Vinyl Chloride		2.4	20	
1330-20-7	Xylenes (total)		10	10	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31715.D
Acq On : 13 Nov 2023 3:26 pm
Operator :
Sample : 23K1148-05 @ 10X Inst : GCMSVOA2
Misc :
ALS Vial : 15 Sample Multiplier: 1

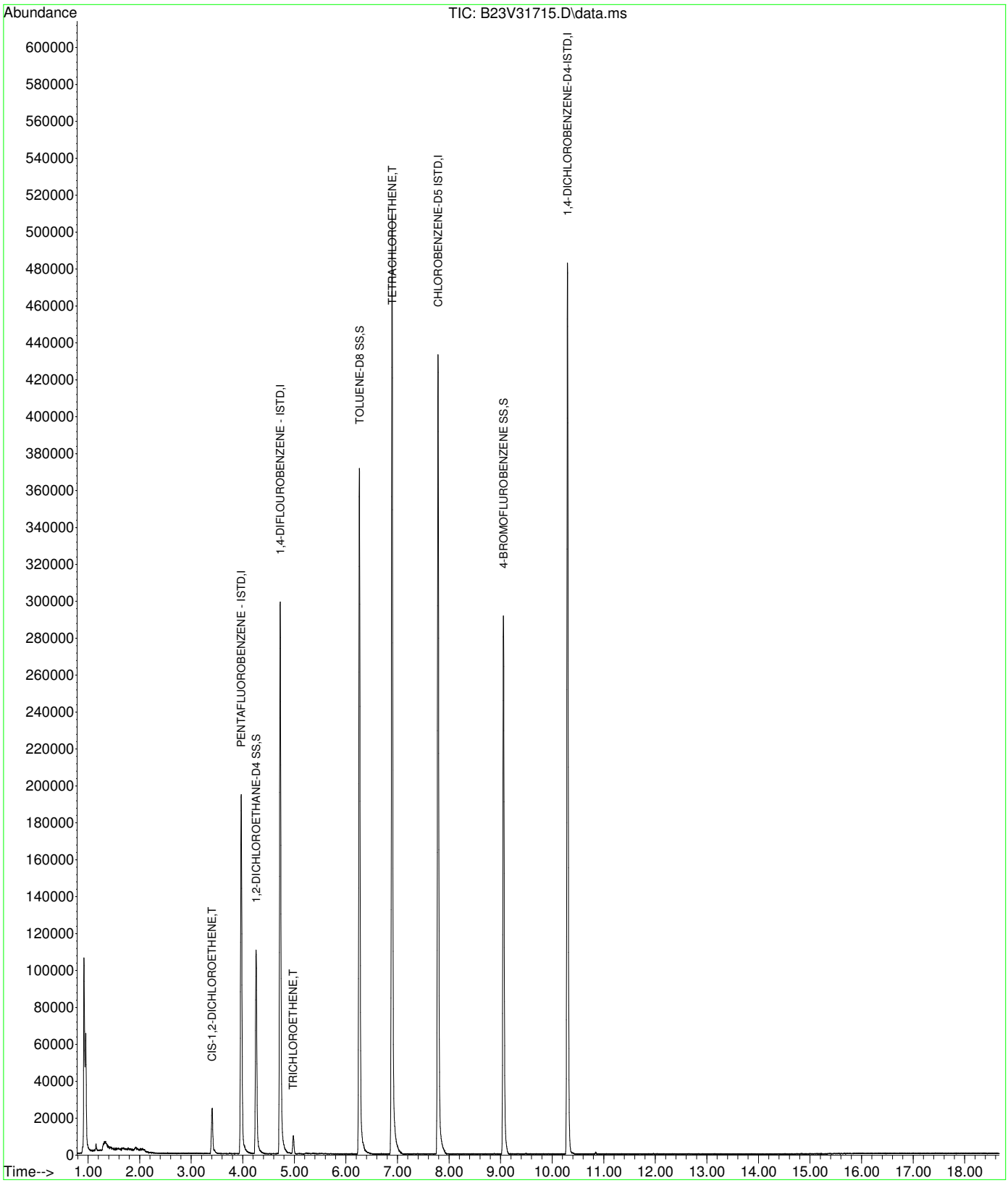
Quant Time: Nov 14 11:01:35 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

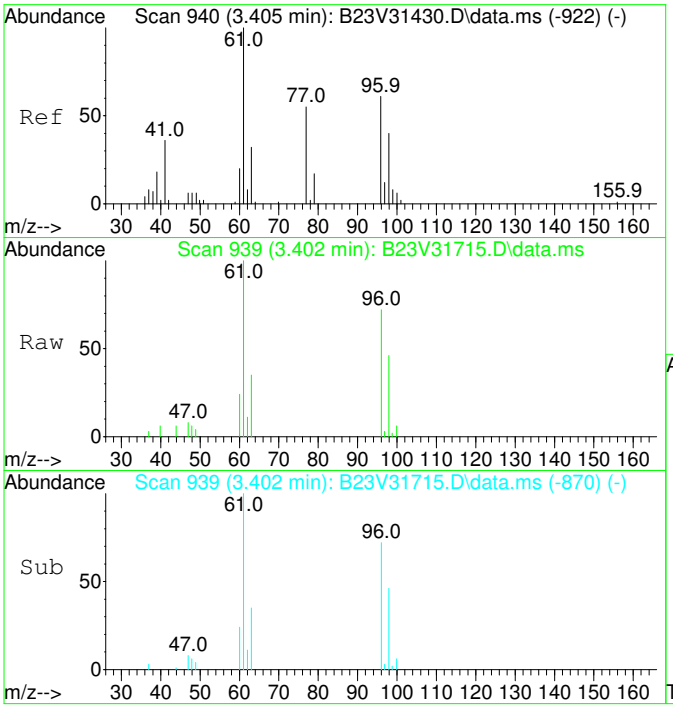
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.971	168	141706	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.727	114	239392	30.00	UG/L	0.00
65) CHLOROBENZENE-D5 ISTD	7.786	82	132626	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.296	152	140353	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	78259	26.55	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.20%			
45) TOLUENE-D8 SS	6.264	98	251827	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
66) 4-BROMOFLUROBENZENE SS	9.055	95	101219	24.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.08%			
Target Compounds						Qvalue
30) CIS-1,2-DICHLOROETHENE	3.402	61	15954	4.09	UG/L	90
47) TRICHLOROETHENE	4.975	95	3140	1.36	UG/L	91
61) TETRACHLOROETHENE	6.897	164	125992	60.81	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31715.D
Acq On : 13 Nov 2023 3:26 pm
Operator :
Sample : 23K1148-05 @ 10X Inst : GCMSVOA2
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 14 11:01:35 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

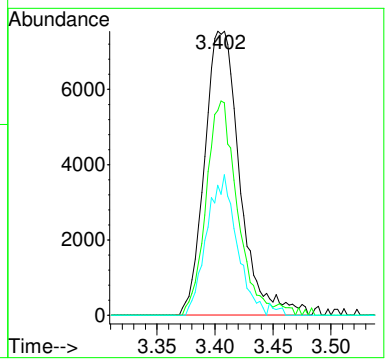


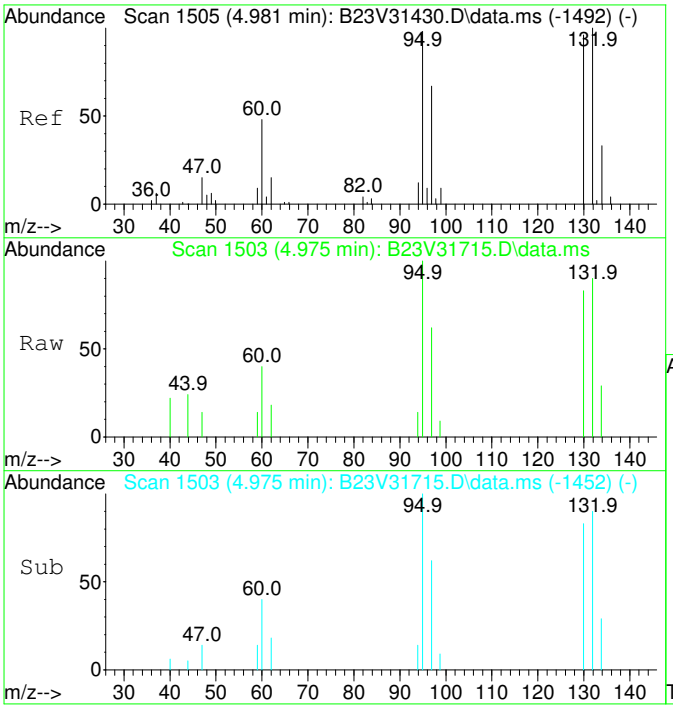


#30
CIS-1,2-DICHLOROETHENE
Concen: 4.09 UG/L
RT: 3.402 min Scan# 939
Delta R.T. -0.009 min
Lab File: B23V31715.D
Acq: 13 Nov 2023 3:26 pm

Tgt Ion: 61 Resp: 15954

Ion	Ratio	Lower	Upper
61	100		
96	67.8	47.4	71.0
98	42.1	29.6	44.4

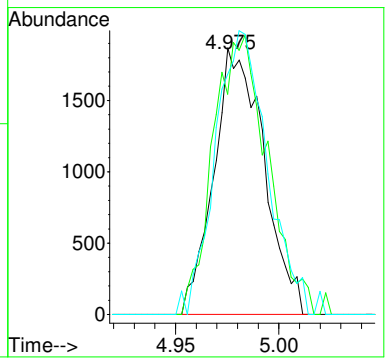


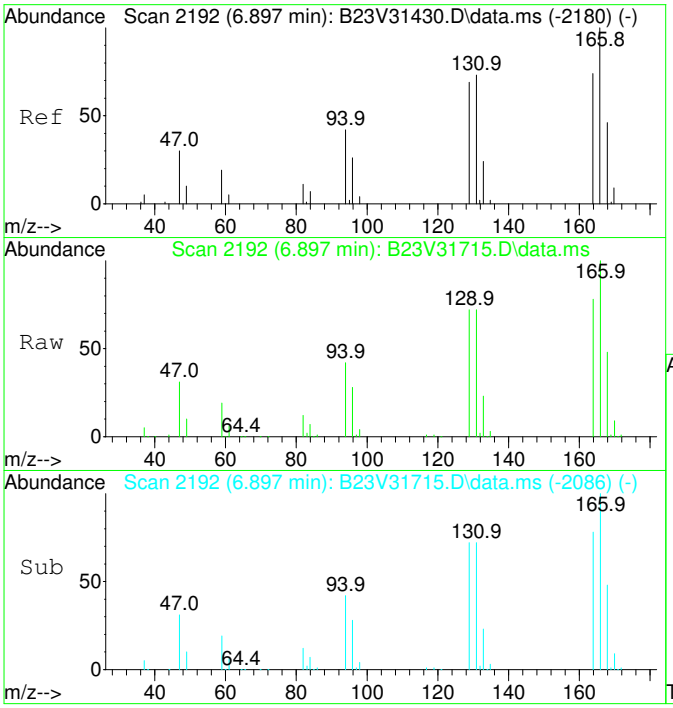


#47
TRICHLOROETHENE
Concen: 1.36 UG/L
RT: 4.975 min Scan# 1503
Delta R.T. -0.009 min
Lab File: B23V31715.D
Acq: 13 Nov 2023 3:26 pm

Tgt Ion: 95 Resp: 3140

Ion	Ratio	Lower	Upper
95	100		
130	113.8	83.2	124.8
132	110.4	81.9	122.9

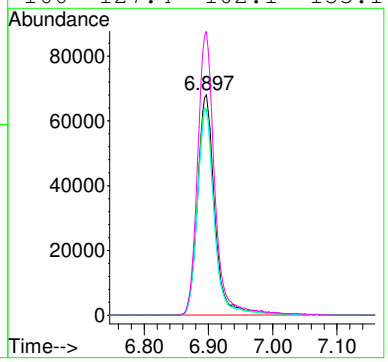




#61
TETRACHLOROETHENE
Concen: 60.81 UG/L
RT: 6.897 min Scan# 2192
Delta R.T. -0.005 min
Lab File: B23V31715.D
Acq: 13 Nov 2023 3:26 pm

Tgt Ion:164 Resp: 125992

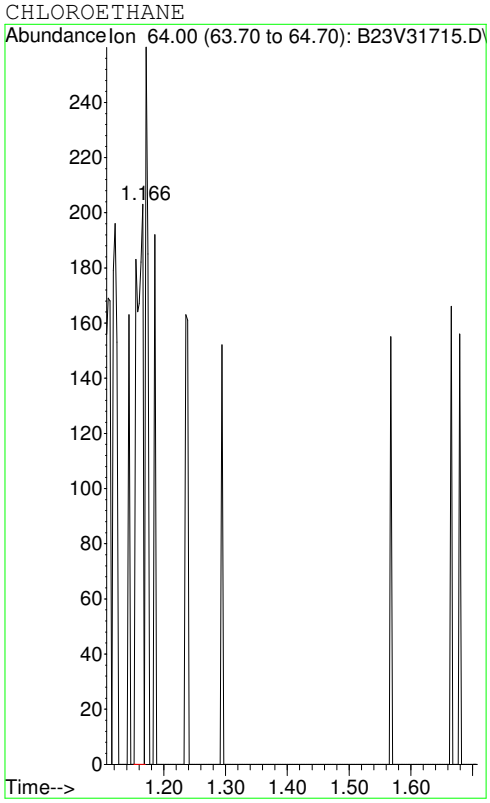
Ion	Ratio	Lower	Upper
164	100		
129	93.7	72.6	108.8
131	92.1	71.7	107.5
166	127.4	102.1	153.1



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31715.D
Acq On : 13 Nov 2023 3:26 pm
Operator :
Sample : 23K1148-05 @ 10X
Misc :

Quant Time : Tue Nov 14 12:52:48 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CHLOROETHANE



Original Int. Results

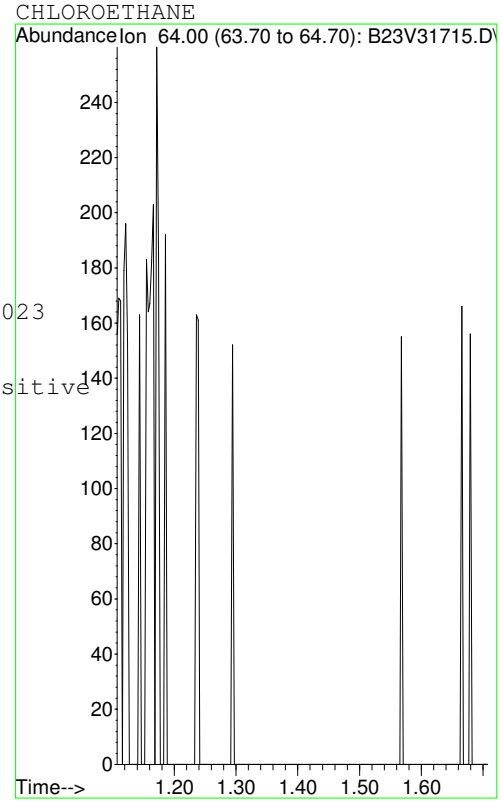
RT : 1.17
Area : 150
Amount: 0.0889402

Manual Int. Results

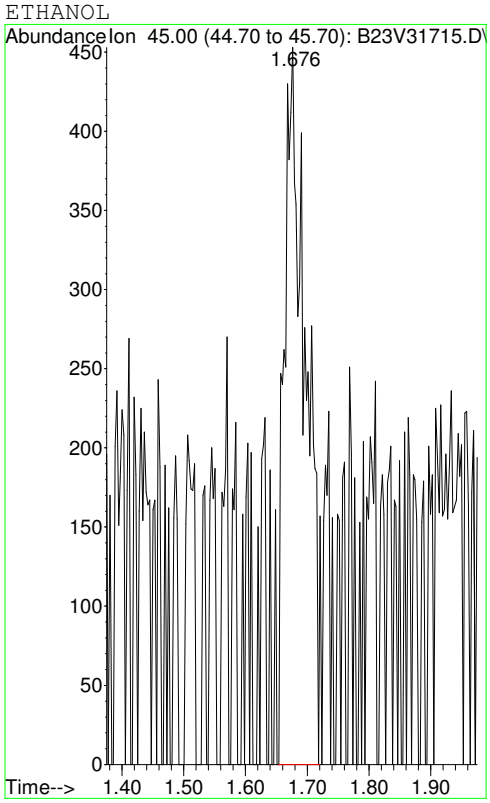
Tue Nov 14 12:52:13 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROETHANE



Original Integration
ETHANOL



Original Int. Results

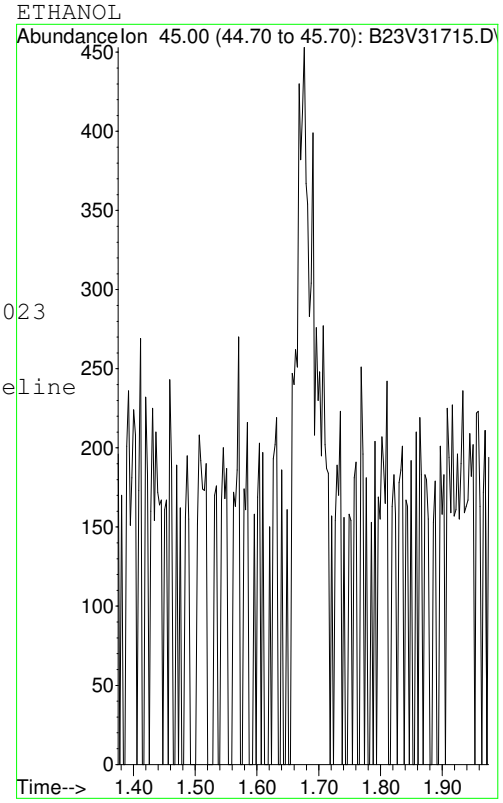
RT : 1.68
Area : 1070
Amount: 24.0643

Manual Int. Results

Tue Nov 14 12:52:17 2023

MIuser: MFF
Reason: Incorrect Baseline
RT : 0.00
Area : 0
Amount: 0

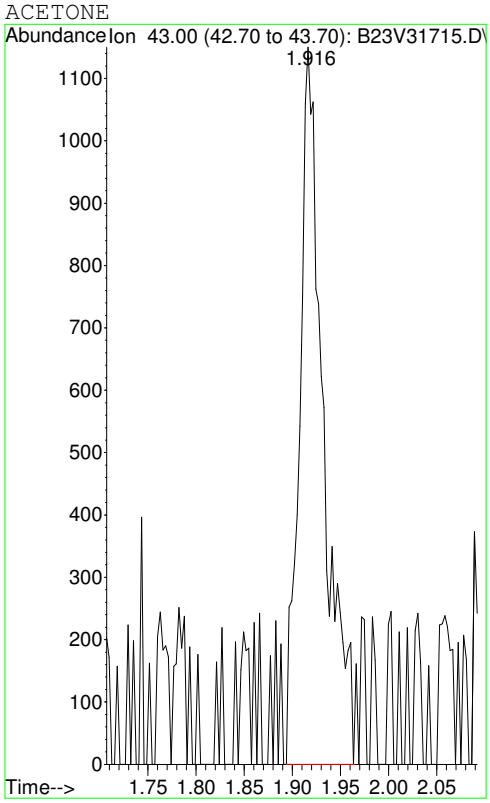
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31715.D
Acq On : 13 Nov 2023 3:26 pm
Operator :
Sample : 23K1148-05 @ 10X
Misc :

Quant Time : Tue Nov 14 12:52:48 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ACETONE



Original Int. Results

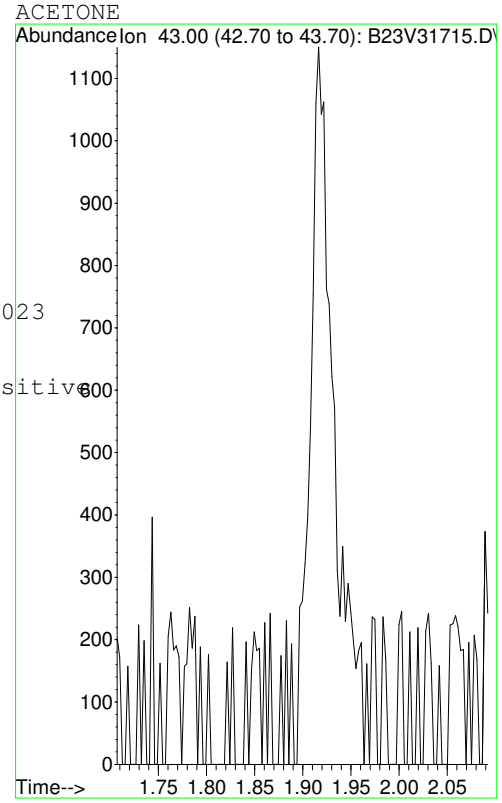
RT : 1.92
Area : 1995
Amount: 2.23838

Manual Int. Results

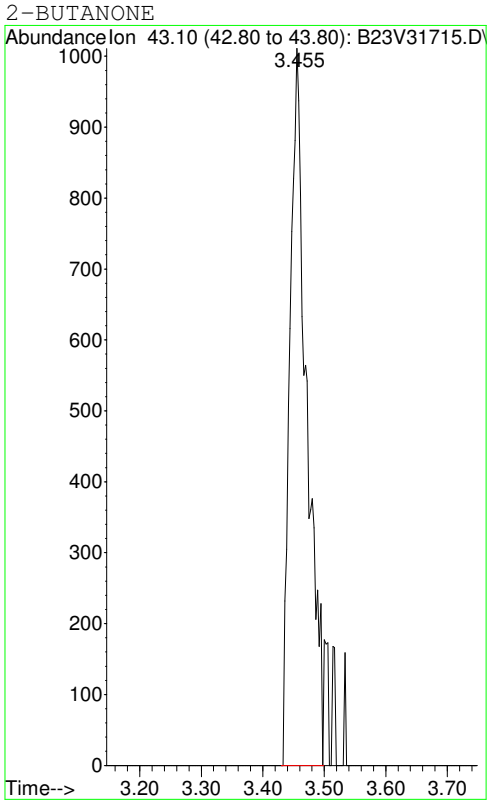
Tue Nov 14 12:52:22 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE



Original Integration
2-BUTANONE



Original Int. Results

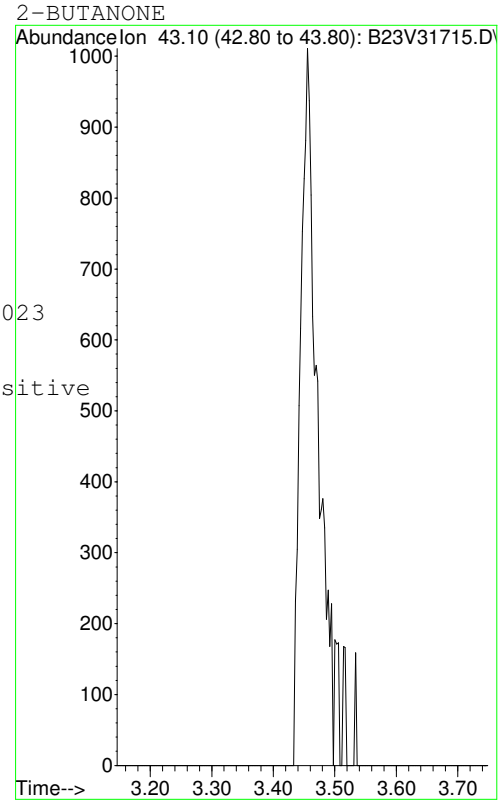
RT : 3.46
Area : 1913
Amount: 1.37128

Manual Int. Results

Tue Nov 14 12:52:26 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

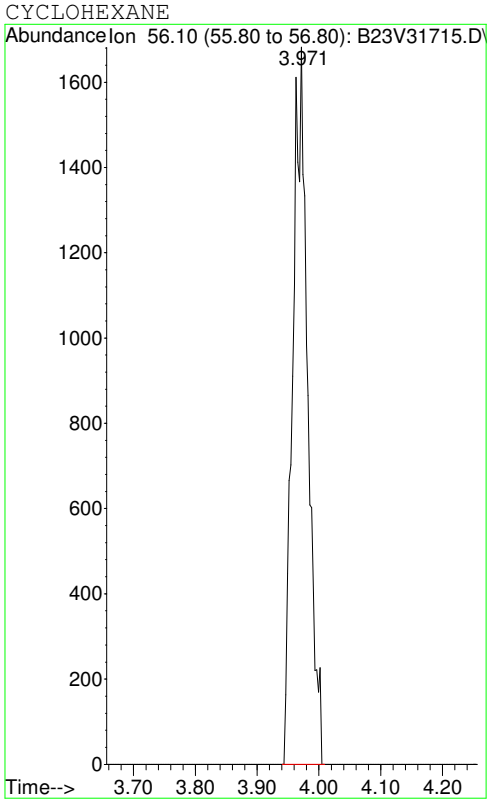
Manual Integration
2-BUTANONE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31715.D
Acq On : 13 Nov 2023 3:26 pm
Operator :
Sample : 23K1148-05 @ 10X
Misc :

Quant Time : Tue Nov 14 12:52:48 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CYCLOHEXANE



Original Int. Results

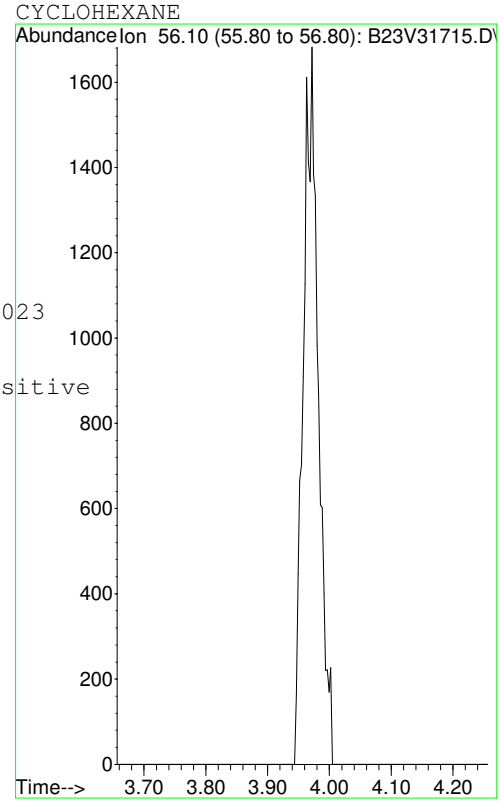
RT : 3.97
Area : 2860
Amount: 0.525721

Manual Int. Results

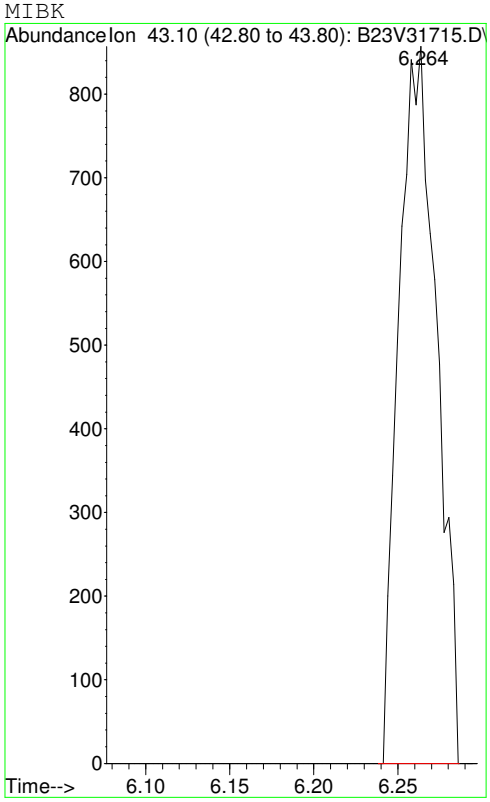
Tue Nov 14 12:52:36 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



Original Integration
MIBK



Original Int. Results

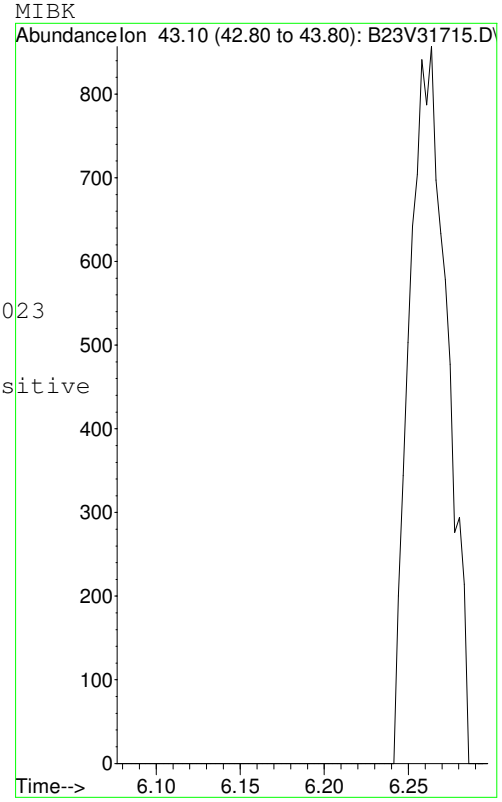
RT : 6.26
Area : 1346
Amount: 0.435325

Manual Int. Results

Tue Nov 14 12:52:47 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Trip Blank Water	Laboratory ID:	23K1148-06	File ID:	B23V31707.D
Sampled:	11/07/23 00:00	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 11:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	5.0	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY			Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Trip Blank Water	Laboratory ID:	23K1148-06	File ID:	B23V31707.D
Sampled:	11/07/23 00:00	Prepared:	11/12/23 07:07	Analyzed:	11/13/23 11:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06 Inst : GCMSVOA2
Misc :
ALS Vial : 7 Sample Multiplier: 1

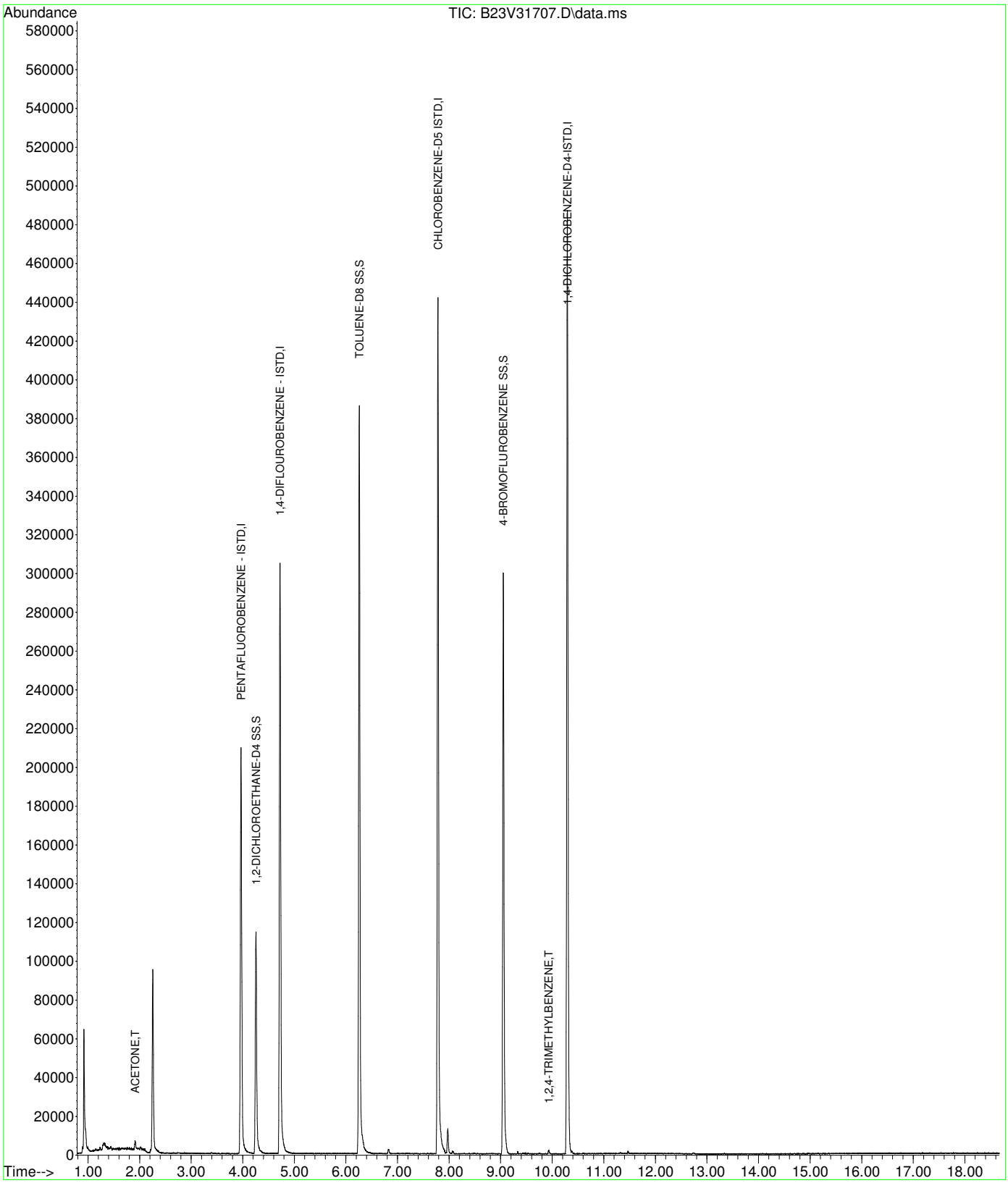
Quant Time: Nov 14 11:01:19 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

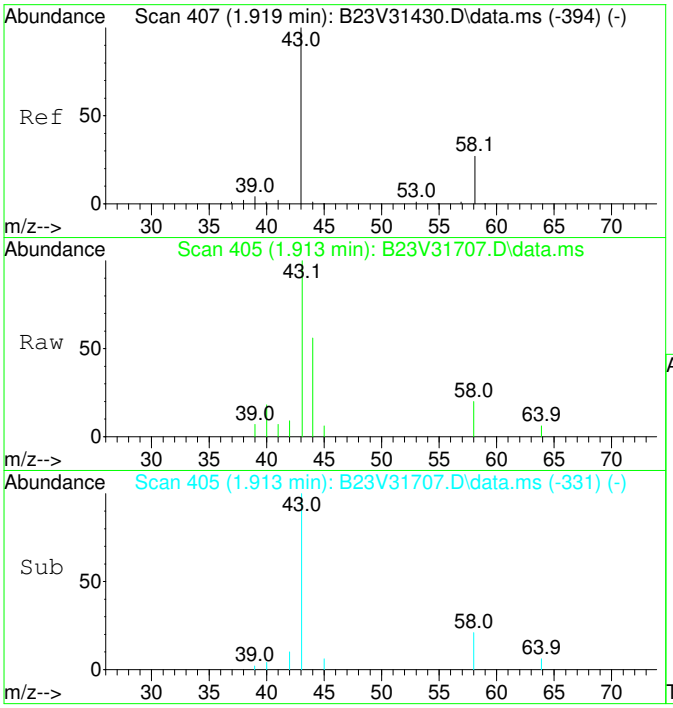
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.966	168	150501	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.722	114	249089	30.00	UG/L	-0.01
65) CHLOROBENZENE-D5 ISTD	7.784	82	134837	30.00	UG/L	0.00
84) 1,4-DICHLOROBENZENE-D4...	10.293	152	141984	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.256	65	79860	25.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%			
45) TOLUENE-D8 SS	6.258	98	259822	24.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.20%			
66) 4-BROMOFLUROBENZENE SS	9.050	95	103811	24.24	UG/L	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%			
Target Compounds						Qvalue
14) ACETONE	1.913	43	4727	4.99	UG/L	94
86) 1,2,4-TRIMETHYLBENZENE	9.931	105	1780	0.17	UG/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06 Inst : GCMSVOA2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 14 11:01:19 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

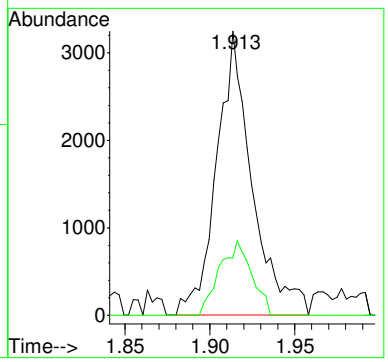


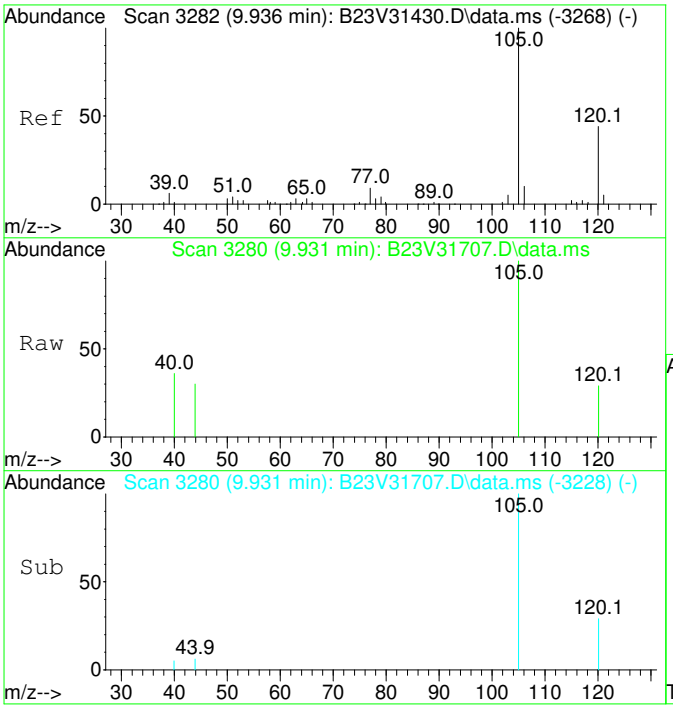


#14
ACETONE
Concen: 4.99 UG/L
RT: 1.913 min Scan# 405
Delta R.T. -0.006 min
Lab File: B23V31707.D
Acq: 13 Nov 2023 11:57 am

Tgt Ion: 43 Resp: 4727

Ion	Ratio	Lower	Upper
43	100		
58	23.7	21.5	32.3

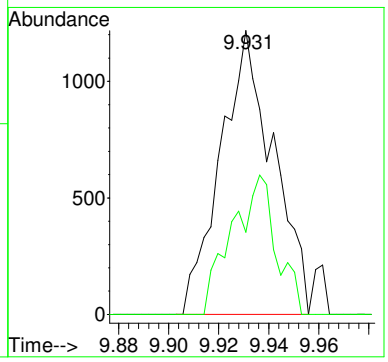




#86
1,2,4-TRIMETHYLBENZENE
Concen: 0.17 UG/L
RT: 9.931 min Scan# 3280
Delta R.T. -0.005 min
Lab File: B23V31707.D
Acq: 13 Nov 2023 11:57 am

Tgt Ion:105 Resp: 1780

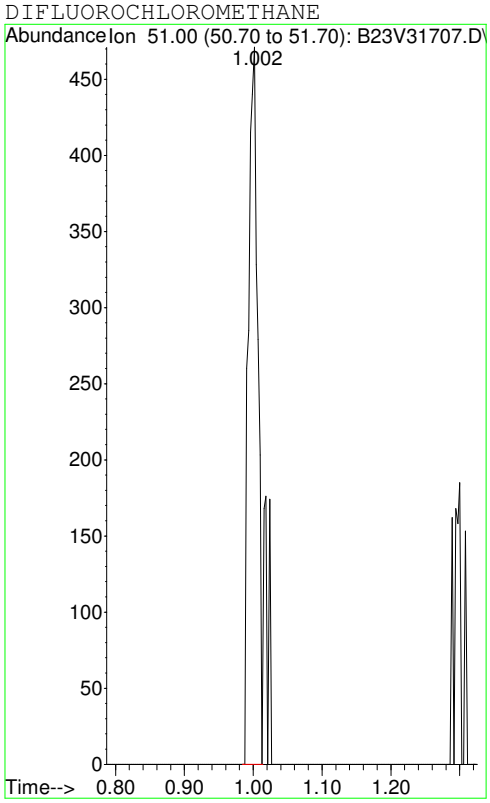
Ion	Ratio	Lower	Upper
105	100		
120	41.3	37.4	56.2



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06
Misc :

Quant Time : Tue Nov 14 12:45:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
DIFLUOROCHLOROMETHANE



Original Int. Results

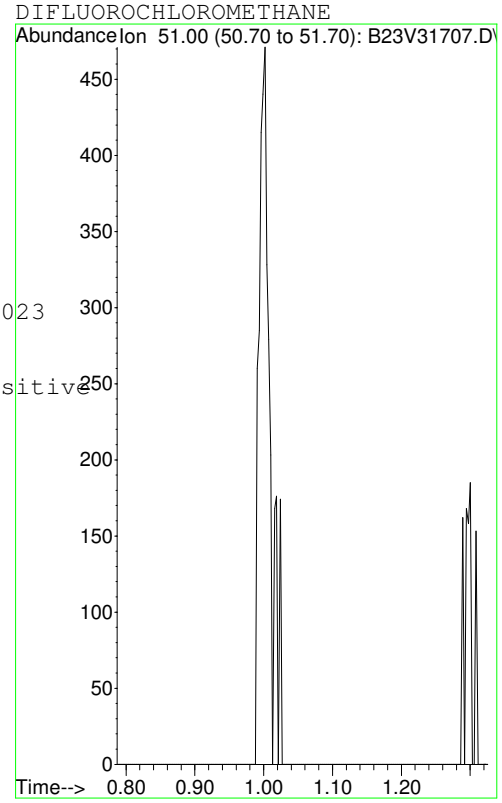
RT : 1.00
Area : 449
Amount: 0.115351

Manual Int. Results

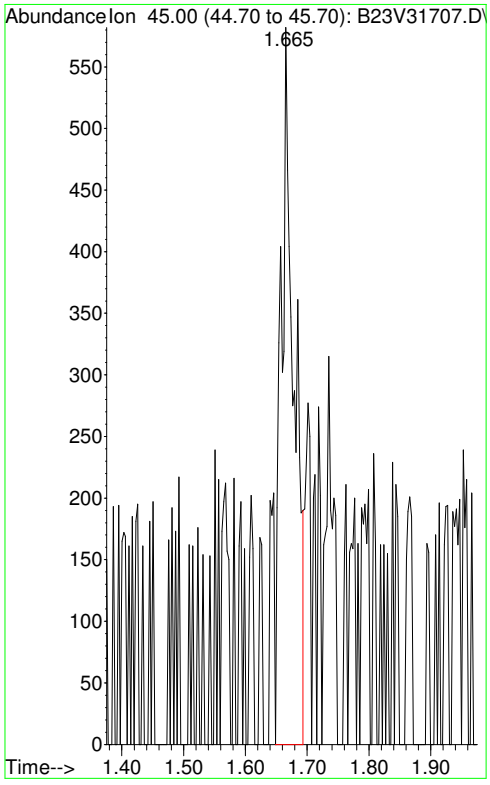
Tue Nov 14 12:44:49 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
DIFLUOROCHLOROMETHANE



Original Integration
ETHANOL



Original Int. Results

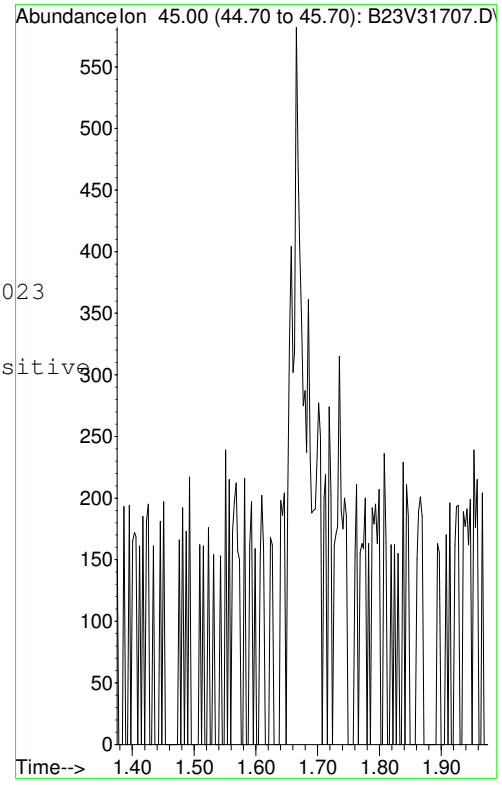
RT : 1.67
Area : 856
Amount: 18.1264

Manual Int. Results

Tue Nov 14 12:44:55 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

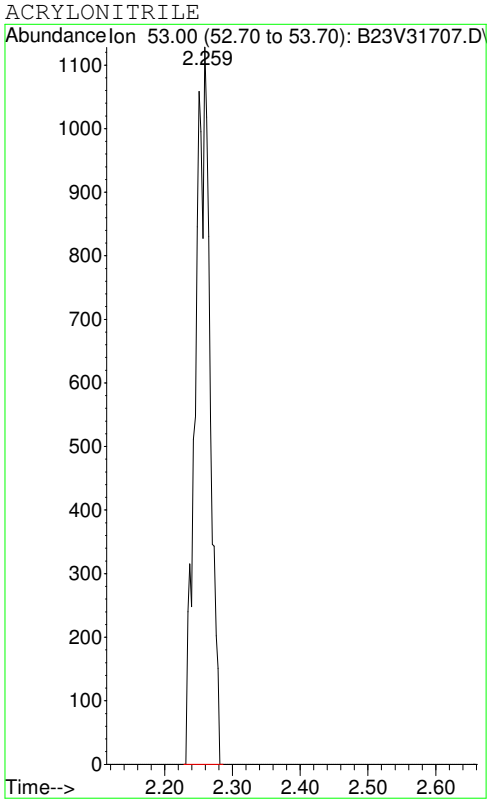
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06
Misc :

Quant Time : Tue Nov 14 12:45:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ACRYLONITRILE



Original Int. Results

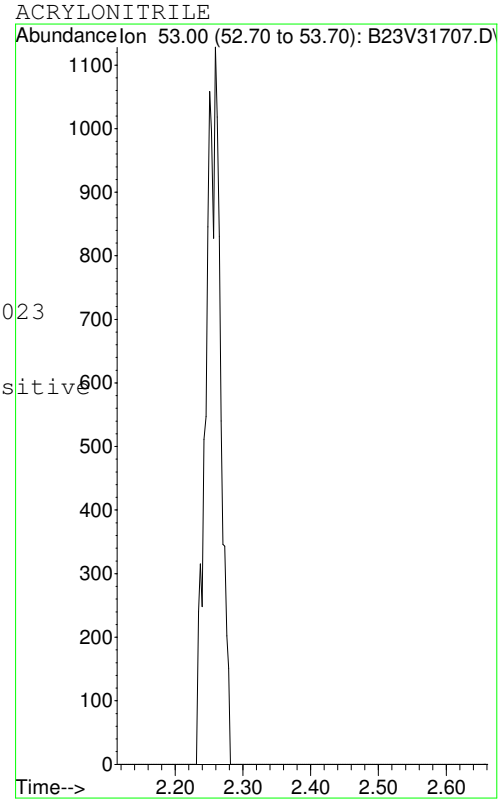
RT : 2.26
Area : 1697
Amount: 1.40811

Manual Int. Results

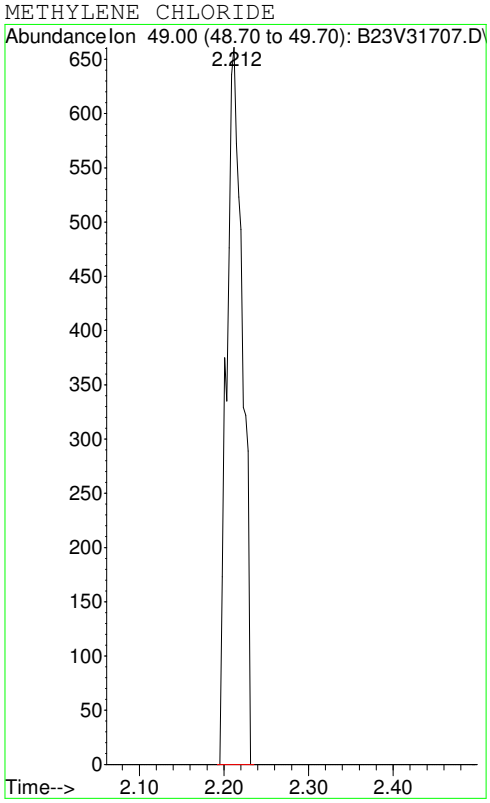
Tue Nov 14 12:45:03 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACRYLONITRILE



Original Integration
METHYLENE CHLORIDE



Original Int. Results

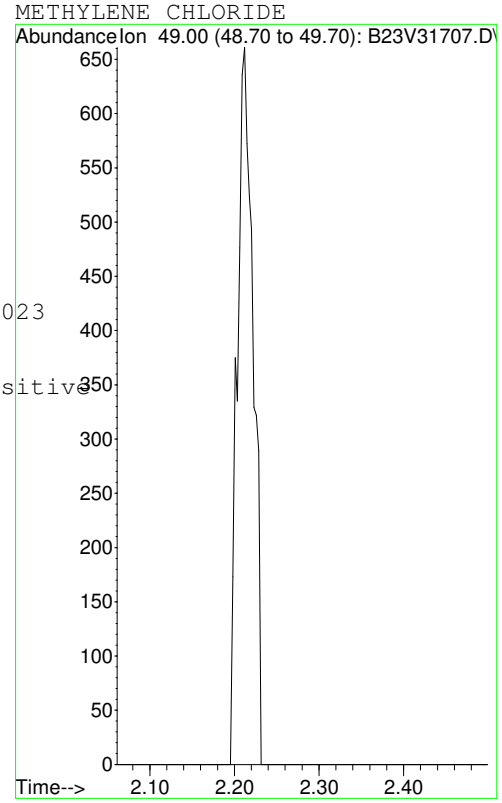
RT : 2.21
Area : 867
Amount: 0.208475

Manual Int. Results

Tue Nov 14 12:45:08 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

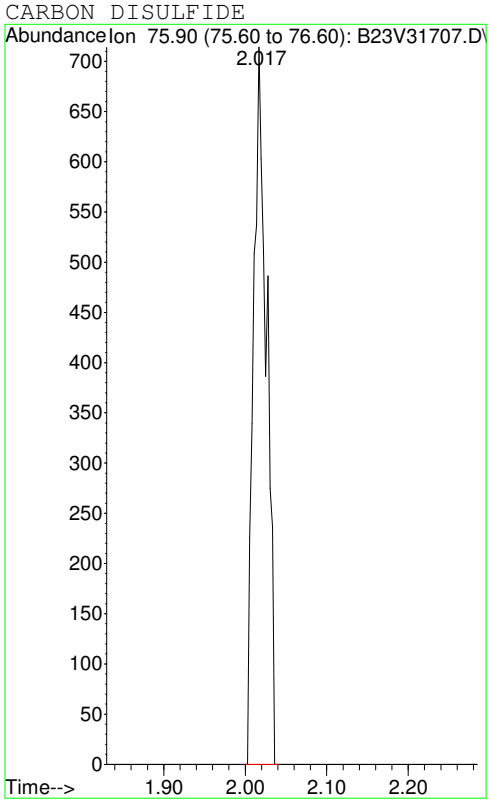
Manual Integration
METHYLENE CHLORIDE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06
Misc :

Quant Time : Tue Nov 14 12:45:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CARBON DISULFIDE



Original Int. Results

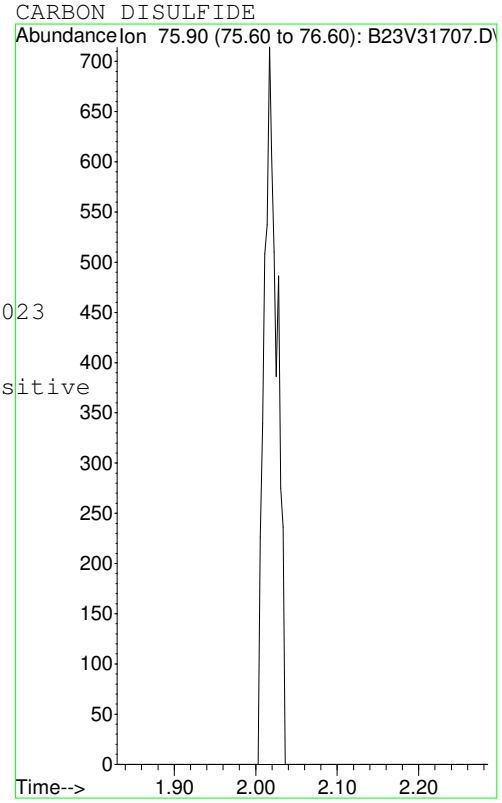
RT : 2.02
Area : 806
Amount: 0.142409

Manual Int. Results

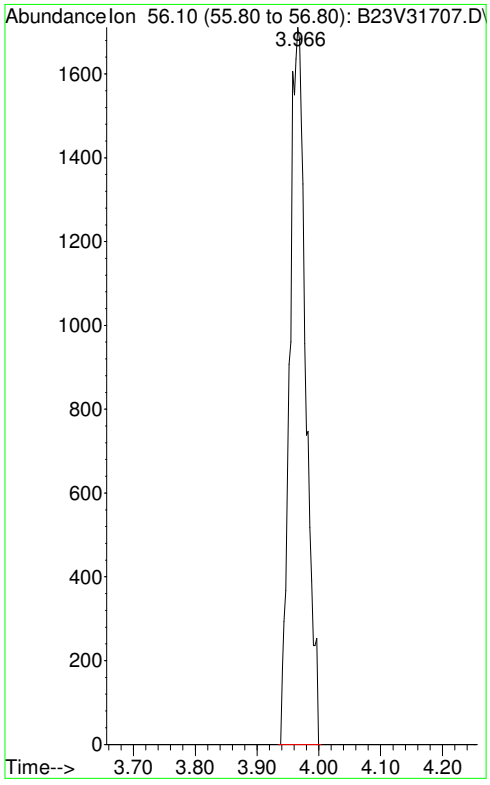
Tue Nov 14 12:45:10 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
CYCLOHEXANE



Original Int. Results

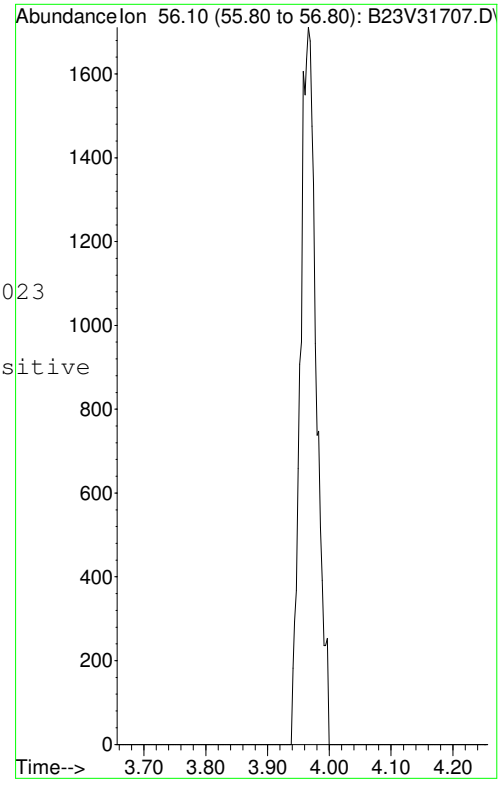
RT : 3.97
Area : 3085
Amount: 0.533941

Manual Int. Results

Tue Nov 14 12:45:28 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

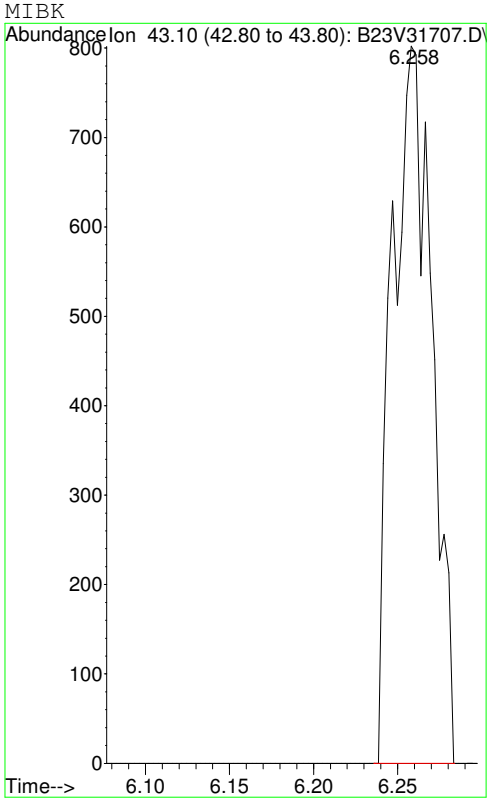
Manual Integration
CYCLOHEXANE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31707.D
Acq On : 13 Nov 2023 11:57 am
Operator :
Sample : 23K1148-06
Misc :

Quant Time : Tue Nov 14 12:45:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
MIBK



Original Int. Results

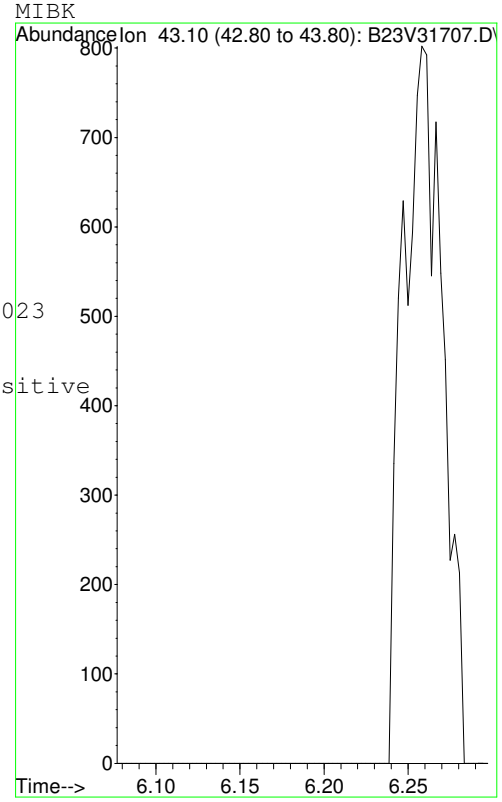
RT : 6.26
Area : 1320
Amount: 0.410296

Manual Int. Results

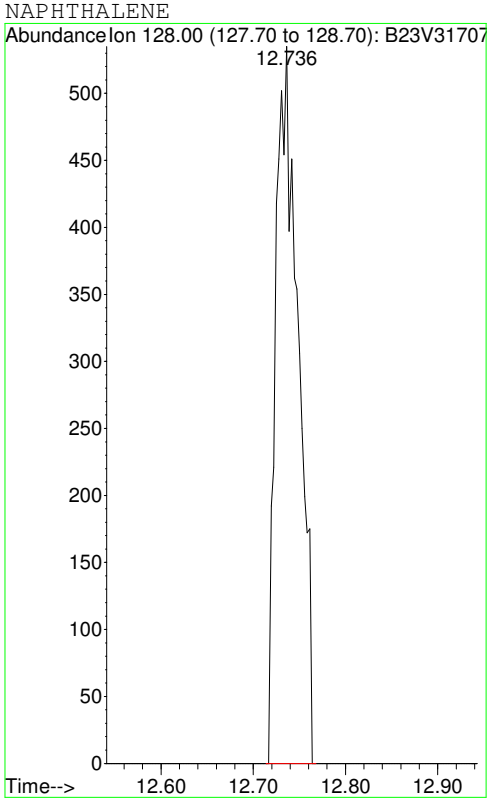
Tue Nov 14 12:45:31 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



Original Integration
NAPHTHALENE



Original Int. Results

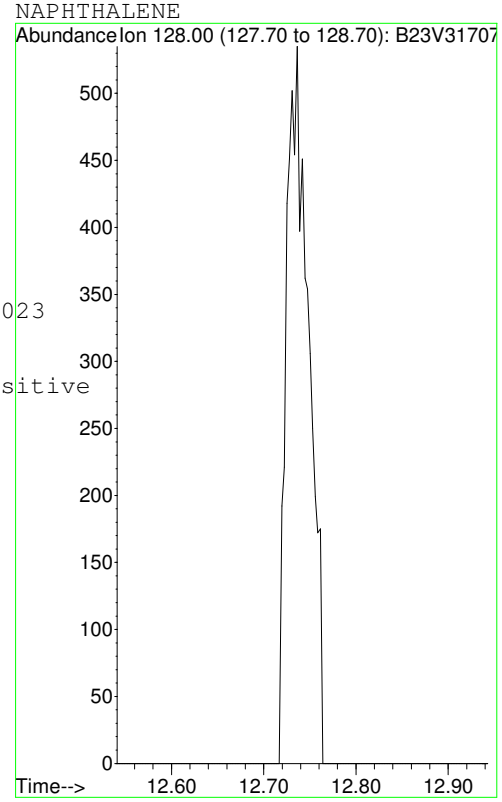
RT : 12.74
Area : 910
Amount: 0.120028

Manual Int. Results

Tue Nov 14 12:45:41 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
NAPHTHALENE



QC DATA

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260D

Laboratory:	Pace New England	SDG:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
23K1148-01	110	96.9	101
23K1148-02	106	97.4	100
23K1148-03	107	97.5	100
23K1148-04	107	97.5	99.4
23K1148-05	106	96.1	100
23K1148-06	102	97.0	99.2
B357872-BLK1	104	97.3	98.9
B357872-BS1	97.3	98.2	100
B357872-BSD1	104	98.3	100
B357872-MS1	108	98.8	102
B357872-MSD1	108	98.8	102

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260D

Laboratory:	Pace New England	SDG:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
23K1148-01RE1	107	86.5	100
B357980-BLK1	96.5	87.7	97.0
B357980-BS1	95.9	94.1	104
B357980-BSD1	93.2	93.2	104

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-23D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B357872	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B357872-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	23K1148-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
Acetone	100	ND	104	104	70 - 130
Benzene	10.0	ND	10.1	101	70 - 130
Bromochloromethane	10.0	ND	10.6	106	70 - 130
Bromodichloromethane	10.0	ND	10.6	106	70 - 130
Bromoform	10.0	ND	9.79	97.9	70 - 130
Bromomethane	10.0	ND	7.67	76.7	70 - 130
2-Butanone (MEK)	100	ND	97.4	97.4	70 - 130
Carbon Disulfide	100	ND	116	116	70 - 130
Carbon Tetrachloride	10.0	ND	10.4	104	70 - 130
Chlorobenzene	10.0	ND	9.50	95.0	70 - 130
Chlorodibromomethane	10.0	ND	10.5	105	70 - 130
Chloroethane	10.0	ND	11.5	115	70 - 130
Chloroform	10.0	0.340	11.3	110	70 - 130
Chloromethane	10.0	ND	9.02	90.2	70 - 130
Cyclohexane	10.0	ND	9.51	95.1	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	10.3	103	70 - 130
1,2-Dibromoethane (EDB)	10.0	ND	11.0	110	70 - 130
1,2-Dichlorobenzene	10.0	ND	9.47	94.7	70 - 130
1,3-Dichlorobenzene	10.0	ND	9.32	93.2	70 - 130
1,4-Dichlorobenzene	10.0	ND	9.13	91.3	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	11.9	119	70 - 130
1,1-Dichloroethane	10.0	ND	10.3	103	70 - 130
1,2-Dichloroethane	10.0	ND	11.3	113	70 - 130
1,1-Dichloroethylene	10.0	ND	11.7	117	70 - 130
cis-1,2-Dichloroethylene	10.0	ND	10.1	101	70 - 130
trans-1,2-Dichloroethylene	10.0	ND	10.6	106	70 - 130
1,2-Dichloropropane	10.0	ND	10.0	100	70 - 130
cis-1,3-Dichloropropene	10.0	ND	9.33	93.3	70 - 130
trans-1,3-Dichloropropene	10.0	ND	9.76	97.6	70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-23D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B357872	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B357872-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	23K1148-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
1,4-Dioxane	100	ND	96.4	96.4	70 - 130
Ethylbenzene	10.0	ND	9.74	97.4	70 - 130
2-Hexanone (MBK)	100	ND	98.5	98.5	70 - 130
Isopropylbenzene (Cumene)	10.0	ND	9.43	94.3	70 - 130
Methyl Acetate	10.0	ND	8.84	88.4	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	ND	10.5	105	70 - 130
Methyl Cyclohexane	10.0	ND	10.0	100	70 - 130
Methylene Chloride	10.0	ND	9.13	91.3	70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	100	100	70 - 130
Styrene	10.0	ND	9.47	94.7	70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	10.9	109	70 - 130
Tetrachloroethylene	10.0	0.470	11.4	109	70 - 130
Toluene	10.0	ND	10.1	101	70 - 130
1,2,3-Trichlorobenzene	10.0	ND	9.36	93.6	70 - 130
1,2,4-Trichlorobenzene	10.0	ND	9.09	90.9	70 - 130
1,1,1-Trichloroethane	10.0	ND	11.5	115	70 - 130
1,1,2-Trichloroethane	10.0	ND	10.4	104	70 - 130
Trichloroethylene	10.0	ND	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	12.4	124	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	12.5	125	70 - 130
Vinyl Chloride	10.0	ND	11.8	118	70 - 130
Xylenes (total)	30.0	ND	28.7	95.7	0 - 200

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-23D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B357872	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B357872-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	23K1148-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	97.4	97.4	6.71	30	70 - 130
Benzene	10.0	9.95	99.5	1.69	30	70 - 130
Bromochloromethane	10.0	10.1	101	4.81	30	70 - 130
Bromodichloromethane	10.0	10.5	105	0.944	30	70 - 130
Bromoform	10.0	9.56	95.6	2.38	30	70 - 130
Bromomethane	10.0	8.23	82.3	7.04	30	70 - 130
2-Butanone (MEK)	100	90.8	90.8	7.00	30	70 - 130
Carbon Disulfide	100	115	115	0.999	30	70 - 130
Carbon Tetrachloride	10.0	10.9	109	4.59	30	70 - 130
Chlorobenzene	10.0	9.75	97.5	2.60	30	70 - 130
Chlorodibromomethane	10.0	10.2	102	2.90	30	70 - 130
Chloroethane	10.0	12.4	124	7.38	30	70 - 130
Chloroform	10.0	11.1	107	2.50	30	70 - 130
Chloromethane	10.0	9.27	92.7	2.73	30	70 - 130
Cyclohexane	10.0	9.28	92.8	2.45	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.39	93.9	9.44	30	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.5	105	4.46	30	70 - 130
1,2-Dichlorobenzene	10.0	9.44	94.4	0.317	30	70 - 130
1,3-Dichlorobenzene	10.0	9.21	92.1	1.19	30	70 - 130
1,4-Dichlorobenzene	10.0	9.27	92.7	1.52	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	11.6	116	2.04	30	70 - 130
1,1-Dichloroethane	10.0	10.4	104	0.677	30	70 - 130
1,2-Dichloroethane	10.0	11.8	118	3.90	30	70 - 130
1,1-Dichloroethylene	10.0	11.8	118	0.597	30	70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100	0.595	30	70 - 130
trans-1,2-Dichloroethylene	10.0	10.6	106	0.377	30	70 - 130
1,2-Dichloropropane	10.0	10.0	100	0.0999	30	70 - 130
cis-1,3-Dichloropropene	10.0	9.19	91.9	1.51	30	70 - 130
trans-1,3-Dichloropropene	10.0	9.58	95.8	1.86	30	70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-23D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B357872	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B357872-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	23K1148-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
1,4-Dioxane	100	86.8	86.8	10.5	30	70 - 130
Ethylbenzene	10.0	9.87	98.7	1.33	30	70 - 130
2-Hexanone (MBK)	100	93.0	93.0	5.82	30	70 - 130
Isopropylbenzene (Cumene)	10.0	9.47	94.7	0.423	30	70 - 130
Methyl Acetate	10.0	7.37	73.7	18.1	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.98	99.8	4.79	30	70 - 130
Methyl Cyclohexane	10.0	10.1	101	0.199	30	70 - 130
Methylene Chloride	10.0	8.96	89.6	1.88	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	94.5	94.5	5.73	30	70 - 130
Styrene	10.0	9.43	94.3	0.423	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7	107	1.39	30	70 - 130
Tetrachloroethylene	10.0	11.0	106	3.21	30	70 - 130
Toluene	10.0	9.98	99.8	1.10	30	70 - 130
1,2,3-Trichlorobenzene	10.0	9.28	92.8	0.858	30	70 - 130
1,2,4-Trichlorobenzene	10.0	8.99	89.9	1.11	30	70 - 130
1,1,1-Trichloroethane	10.0	11.6	116	0.693	30	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	1.61	30	70 - 130
Trichloroethylene	10.0	10.7	107	0.562	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.0	120	3.45	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.7	117	6.44	30	70 - 130
Vinyl Chloride	10.0	11.6	116	1.37	30	70 - 130
Xylenes (total)	30.0	28.6	95.2	0.454	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357872	Laboratory ID:	B357872-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	108	108	70 - 160
Benzene	10.0	9.77	97.7	70 - 130
Bromochloromethane	10.0	10.3	103	70 - 130
Bromodichloromethane	10.0	11.1	111	70 - 130
Bromoform	10.0	10.9	109	70 - 130
Bromomethane	10.0	8.40	84.0	40 - 160
2-Butanone (MEK)	100	98.8	98.8	40 - 160
Carbon Disulfide	100	112	112	70 - 130
Carbon Tetrachloride	10.0	9.83	98.3	70 - 130
Chlorobenzene	10.0	10.2	102	70 - 130
Chlorodibromomethane	10.0	11.1	111	70 - 130
Chloroethane	10.0	11.0	110	70 - 130
Chloroform	10.0	10.6	106	70 - 130
Chloromethane	10.0	8.67	86.7	40 - 160
Cyclohexane	10.0	9.03	90.3	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.6	116	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.4	114	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130
1,3-Dichlorobenzene	10.0	9.82	98.2	70 - 130
1,4-Dichlorobenzene	10.0	9.88	98.8	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	11.1	111	40 - 160
1,1-Dichloroethane	10.0	10.0	100	70 - 130
1,2-Dichloroethane	10.0	12.2	122	70 - 130
1,1-Dichloroethylene	10.0	11.1	111	70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101	70 - 130
1,2-Dichloropropane	10.0	10.2	102	70 - 130
cis-1,3-Dichloropropene	10.0	10.6	106	70 - 130
trans-1,3-Dichloropropene	10.0	10.9	109	70 - 130
1,4-Dioxane	100	102	102	40 - 130
Ethylbenzene	10.0	10.0	100	70 - 130
2-Hexanone (MBK)	100	104	104	70 - 160
Isopropylbenzene (Cumene)	10.0	9.64	96.4	70 - 130
Methyl Acetate	10.0	9.47	94.7	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.4	104	70 - 130
Methyl Cyclohexane	10.0	10.3	103	70 - 130
Methylene Chloride	10.0	8.98	89.8	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357872	Laboratory ID:	B357872-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
4-Methyl-2-pentanone (MIBK)	100	105	105	70 - 160
Styrene	10.0	10.1	101	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118	70 - 130
Tetrachloroethylene	10.0	10.8	108	70 - 130
Toluene	10.0	10.1	101	70 - 130
1,2,3-Trichlorobenzene	10.0	10.5	105	70 - 130
1,2,4-Trichlorobenzene	10.0	10.3	103	70 - 130
1,1,1-Trichloroethane	10.0	10.8	108	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	10.8	108	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.4	114	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.6	116	70 - 130
Vinyl Chloride	10.0	10.8	108	40 - 160
m+p Xylene	20.0	19.7	98.6	70 - 130
o-Xylene	10.0	9.83	98.3	70 - 130
Xylenes (total)	30.0	29.6	98.5	0 - 200

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	104	104	3.47	25	70 - 160
Benzene	10.0	9.56	95.6	2.17	25	70 - 130
Bromochloromethane	10.0	10.2	102	1.27	25	70 - 130
Bromodichloromethane	10.0	10.8	108	2.83	25	70 - 130
Bromoform	10.0	10.8	108	0.646	25	70 - 130
Bromomethane	10.0	8.19	81.9	2.53	25	40 - 160
2-Butanone (MEK)	100	97.9	97.9	0.946	25	40 - 160
Carbon Disulfide	100	108	108	3.00	25	70 - 130
Carbon Tetrachloride	10.0	9.87	98.7	0.406	25	70 - 130
Chlorobenzene	10.0	9.94	99.4	2.88	25	70 - 130
Chlorodibromomethane	10.0	11.1	111	0.181	25	70 - 130
Chloroethane	10.0	11.0	110	0.00	25	70 - 130
Chloroform	10.0	10.6	106	0.755	25	70 - 130
Chloromethane	10.0	8.64	86.4	0.347	25	40 - 160
Cyclohexane	10.0	8.76	87.6	3.04	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357872	Laboratory ID:	B357872-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.3	113	2.53	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.4	114	0.00	25	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101	0.693	25	70 - 130
1,3-Dichlorobenzene	10.0	9.61	96.1	2.16	25	70 - 130
1,4-Dichlorobenzene	10.0	9.59	95.9	2.98	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	10.7	107	3.12	25	40 - 160
1,1-Dichloroethane	10.0	9.69	96.9	3.55	25	70 - 130
1,2-Dichloroethane	10.0	11.1	111	8.92	25	70 - 130
1,1-Dichloroethylene	10.0	10.7	107	3.76	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100	0.0999	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.78	97.8	3.32	25	70 - 130
1,2-Dichloropropane	10.0	10.0	100	1.78	25	70 - 130
cis-1,3-Dichloropropene	10.0	10.3	103	2.40	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.6	106	1.95	25	70 - 130
1,4-Dioxane	100	104	104	2.07	50	40 - 130
Ethylbenzene	10.0	9.81	98.1	2.42	25	70 - 130
2-Hexanone (MBK)	100	103	103	1.48	25	70 - 160
Isopropylbenzene (Cumene)	10.0	9.47	94.7	1.78	25	70 - 130
Methyl Acetate	10.0	10.0	100	5.44	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.3	103	0.964	25	70 - 130
Methyl Cyclohexane	10.0	9.56	95.6	7.74	25	70 - 130
Methylene Chloride	10.0	8.93	89.3	0.558	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	103	103	1.92	25	70 - 160
Styrene	10.0	9.93	99.3	1.90	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.6	116	1.45	25	70 - 130
Tetrachloroethylene	10.0	10.6	106	2.25	25	70 - 130
Toluene	10.0	9.84	98.4	3.00	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.2	102	2.99	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.77	97.7	5.38	25	70 - 130
1,1,1-Trichloroethane	10.0	10.8	108	0.186	25	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112	1.26	25	70 - 130
Trichloroethylene	10.0	10.5	105	3.19	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.6	106	6.82	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.5	115	0.782	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357872	Laboratory ID:	B357872-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	10.6	106	2.52	25	40 - 160
m+p Xylene	20.0	19.3	96.6	2.10	25	70 - 130
o-Xylene	10.0	9.66	96.6	1.74	25	70 - 130
Xylenes (total)	30.0	29.0	96.6	1.98	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357980	Laboratory ID:	B357980-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	90.7	90.7	70 - 160
Benzene	10.0	12.3	123	70 - 130
Bromochloromethane	10.0	12.2	122	70 - 130
Bromodichloromethane	10.0	10.7	107	70 - 130
Bromoform	10.0	8.14	81.4	70 - 130
Bromomethane	10.0	14.5	145	40 - 160
2-Butanone (MEK)	100	101	101	40 - 160
Carbon Disulfide	100	118	118	70 - 130
Carbon Tetrachloride	10.0	10.3	103	70 - 130
Chlorobenzene	10.0	11.1	111	70 - 130
Chlorodibromomethane	10.0	9.83	98.3	70 - 130
Chloroethane	10.0	11.5	115	70 - 130
Chloroform	10.0	11.3	113	70 - 130
Chloromethane	10.0	10.6	106	40 - 160
Cyclohexane	10.0	10.9	109	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.07	80.7	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.6	106	70 - 130
1,2-Dichlorobenzene	10.0	11.0	110	70 - 130
1,3-Dichlorobenzene	10.0	11.2	112	70 - 130
1,4-Dichlorobenzene	10.0	11.0	110	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	12.2	122	40 - 160
1,1-Dichloroethane	10.0	11.8	118	70 - 130
1,2-Dichloroethane	10.0	10.2	102	70 - 130
1,1-Dichloroethylene	10.0	10.3	103	70 - 130
cis-1,2-Dichloroethylene	10.0	11.3	113	70 - 130
trans-1,2-Dichloroethylene	10.0	10.9	109	70 - 130
1,2-Dichloropropane	10.0	11.4	114	70 - 130
cis-1,3-Dichloropropene	10.0	11.2	112	70 - 130
trans-1,3-Dichloropropene	10.0	10.8	108	70 - 130
1,4-Dioxane	100	86.2	86.2	40 - 130
Ethylbenzene	10.0	10.8	108	70 - 130
2-Hexanone (MBK)	100	87.0	87.0	70 - 160
Isopropylbenzene (Cumene)	10.0	10.1	101	70 - 130
Methyl Acetate	10.0	10.9	109	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.6	106	70 - 130
Methyl Cyclohexane	10.0	11.3	113	70 - 130
Methylene Chloride	10.0	10.8	108	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357980	Laboratory ID:	B357980-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
4-Methyl-2-pentanone (MIBK)	100	88.6	88.6	70 - 160
Styrene	10.0	10.7	107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.66	96.6	70 - 130
Tetrachloroethylene	10.0	10.9	109	70 - 130
Toluene	10.0	11.3	113	70 - 130
1,2,3-Trichlorobenzene	10.0	9.37	93.7	70 - 130
1,2,4-Trichlorobenzene	10.0	9.06	90.6	70 - 130
1,1,1-Trichloroethane	10.0	10.2	102	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112	70 - 130
Trichloroethylene	10.0	10.8	108	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.2	102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.3	113	70 - 130
Vinyl Chloride	10.0	12.7	127	40 - 160
m+p Xylene	20.0	21.3	107	70 - 130
o-Xylene	10.0	10.1	101	70 - 130
Xylenes (total)	30.0	31.4	105	0 - 200

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	87.4	87.4	3.72	25	70 - 160
Benzene	10.0	12.5	125	1.77	25	70 - 130
Bromochloromethane	10.0	12.2	122	0.409	25	70 - 130
Bromodichloromethane	10.0	10.4	104	2.95	25	70 - 130
Bromoform	10.0	8.33	83.3	2.31	25	70 - 130
Bromomethane	10.0	14.4	144	0.0692	25	40 - 160
2-Butanone (MEK)	100	102	102	1.00	25	40 - 160
Carbon Disulfide	100	116	116	0.940	25	70 - 130
Carbon Tetrachloride	10.0	10.6	106	3.07	25	70 - 130
Chlorobenzene	10.0	11.4	114	2.40	25	70 - 130
Chlorodibromomethane	10.0	9.77	97.7	0.612	25	70 - 130
Chloroethane	10.0	11.2	112	2.46	25	70 - 130
Chloroform	10.0	11.4	114	0.616	25	70 - 130
Chloromethane	10.0	10.4	104	0.952	25	40 - 160
Cyclohexane	10.0	11.6	116	6.38	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357980	Laboratory ID:	B357980-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.63	86.3	6.71	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107	1.04	25	70 - 130
1,2-Dichlorobenzene	10.0	11.4	114	3.21	25	70 - 130
1,3-Dichlorobenzene	10.0	11.4	114	1.06	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108	1.38	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	12.0	120	1.16	25	40 - 160
1,1-Dichloroethane	10.0	11.5	115	2.57	25	70 - 130
1,2-Dichloroethane	10.0	9.96	99.6	1.99	25	70 - 130
1,1-Dichloroethylene	10.0	10.1	101	2.45	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.1	111	1.34	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107	2.04	25	70 - 130
1,2-Dichloropropane	10.0	11.6	116	1.04	25	70 - 130
cis-1,3-Dichloropropene	10.0	11.3	113	0.710	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.9	109	1.20	25	70 - 130
1,4-Dioxane	100	82.4	82.4	4.39	50	40 - 130
Ethylbenzene	10.0	11.0	110	1.84	25	70 - 130
2-Hexanone (MBK)	100	89.4	89.4	2.83	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.5	105	3.39	25	70 - 130
Methyl Acetate	10.0	10.9	109	0.458	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.4	104	2.09	25	70 - 130
Methyl Cyclohexane	10.0	11.4	114	0.971	25	70 - 130
Methylene Chloride	10.0	10.4	104	4.25	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	90.2	90.2	1.79	25	70 - 160
Styrene	10.0	10.8	108	1.21	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1	101	4.55	25	70 - 130
Tetrachloroethylene	10.0	10.9	109	0.00	25	70 - 130
Toluene	10.0	11.5	115	2.02	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.2	102	8.19	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.53	95.3	5.06	25	70 - 130
1,1,1-Trichloroethane	10.0	10.7	107	4.21	25	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112	0.268	25	70 - 130
Trichloroethylene	10.0	11.2	112	3.64	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.5	105	2.79	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.0	110	2.59	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B357980	Laboratory ID:	B357980-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	12.8	128	0.860	25	40 - 160
m+p Xylene	20.0	22.0	110	3.05	25	70 - 130
o-Xylene	10.0	10.5	105	3.40	25	70 - 130
Xylenes (total)	30.0	32.4	108	3.16	200	0 - 200

4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Blank ID:	B357872-BLK1 Batch: B357872	Prepared:	11/12/2023 07:07

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B357872-BS1	B23V31703.D	10:13
LCS Dup	B357872-BSD1	B23V31704.D	10:39
Trip Blank	23K1148-06	B23V31707.D	11:57
MW-27S	23K1148-03	B23V31711.D	13:42
MW-23D	23K1148-04	B23V31712.D	14:08
MW-25S	23K1148-01	B23V31713.D	14:34
MW-26S	23K1148-02	B23V31714.D	15:00
DUP	23K1148-05	B23V31715.D	15:26
Matrix Spike	B357872-MS1	B23V31725.D	19:46
Matrix Spike Dup	B357872-MSD1	B23V31726.D	20:12

4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Blank ID:	B357980-BLK1 Batch: B357980	Prepared:	11/13/2023 13:47

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B357980-BS1	C22V31805.D	11:04
LCS Dup	B357980-BSD1	C22V31806.D	11:30
MW-25S	23K1148-01RE1	C22V31826.D	20:25

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Lab File ID:	C22V21909.D	Injection Date:	08/08/22
Instrument ID:	GCMSVOA3	Injection Time:	10:18
Sequence:	S075427	Lab Sample ID:	S075427-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	49.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.45	PASS
173	Less than 2% of 174	0.647	PASS
174	50 - 200% of 95	89.4	PASS
175	5 - 9% of 174	7.49	PASS
176	95 - 101% of 174	97.9	PASS
177	5 - 9% of 176	6.76	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
0.4 PPB	S075427-CAL1	C22V21910.D	08/08/2022	10:45:00
0.5 PPB	S075427-CAL2	C22V21911.D	08/08/2022	11:09:00
1.0 PPB	S075427-CAL3	C22V21912.D	08/08/2022	11:33:00
2.0 PPB	S075427-CAL4	C22V21913.D	08/08/2022	11:58:00
5.0 PPB	S075427-CAL5	C22V21914.D	08/08/2022	12:22:00
10 PPB	S075427-CAL6	C22V21915.D	08/08/2022	12:46:00
20 PPB	S075427-CAL7	C22V21916.D	08/08/2022	13:10:00
50 PPB	S075427-CAL8	C22V21920.D	08/08/2022	13:34:00
50 PPB	S075427-CAL8	C22V21917.D	08/08/2022	13:34:00
100 PPB	S075427-CAL9	C22V21921.D	08/08/2022	13:59:00
100 PPB	S075427-CAL9	C22V21918.D	08/08/2022	13:59:00
200 PPB	S075427-CALA	C22V21919.D	08/08/2022	14:23:00
200 PPB	S075427-CALA	C22V21922.D	08/08/2022	14:23:00
Initial Cal Check	S075427-ICV1	C22V21926.D	08/08/2022	17:12:00

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Lab File ID:	B23V23404.D	Injection Date:	08/22/23
Instrument ID:	GCMSVOA2	Injection Time:	11:59
Sequence:	S092419	Lab Sample ID:	S092419-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	22.3	PASS
75	30 - 60% of 95	47.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	83.1	PASS
175	5 - 9% of 174	8.48	PASS
176	95 - 101% of 174	101	FAIL
177	5 - 9% of 176	6.33	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
0.4 PPB	S092419-CAL1	B23V23405.D	08/22/2023	12:25:00
0.5 PPB	S092419-CAL2	B23V23406.D	08/22/2023	12:51:00
1.0 PPB	S092419-CAL3	B23V23407.D	08/22/2023	13:17:00
2.0 PPB	S092419-CAL4	B23V23408.D	08/22/2023	13:43:00
5.0 PPB	S092419-CAL5	B23V23409.D	08/22/2023	14:09:00
10 PPB	S092419-CAL6	B23V23410.D	08/22/2023	14:36:00
20 PPB	S092419-CAL7	B23V23411.D	08/22/2023	15:02:00
50 PPB	S092419-CAL8	B23V23412.D	08/22/2023	15:28:00
50 PPB	S092419-CAL8	B23V23415.D	08/22/2023	15:28:00
100 PPB	S092419-CAL9	B23V23413.D	08/22/2023	15:54:00
100 PPB	S092419-CAL9	B23V23416.D	08/22/2023	15:54:00
200 PPB	S092419-CALA	B23V23414.D	08/22/2023	16:20:00
200 PPB	S092419-CALA	B23V23417.D	08/22/2023	16:20:00
Initial Cal Check	S092419-ICV1	B23V23420.D	08/22/2023	18:56:00

CALIBRATION DATA

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone	4	0.1963823	5	0.1847193	10	0.1890443	20	0.1758233	50	0.1841132	100	0.1802103
Acrolein	4	7.910751E-02	5	7.680109E-02	10	0.0846155	20	8.462922E-02	50	0.091402	100	9.448151E-02
Acrylonitrile	0.4	0.1806301	0.5	0.1732519	1	0.2229185	2	0.2151418	5	0.2328436	10	0.2509535
tert-Amyl Methyl Ether (TAME)	0.4	1.057976	0.5	1.066165	1	1.234782	2	1.300498	5	1.339449	10	1.348555
Benzene	0.4	1.58061	0.5	1.484573	1	1.628864	2	1.645603	5	1.640637	10	1.704337
Bromobenzene	0.4	0.872733	0.5	0.9135854	1	1.030576	2	1.024715	5	0.9857867	10	1.04333
Bromochloromethane	0.4	0.294246	0.5	0.3241886	1	0.3752202	2	0.4061261	5	0.4255206	10	0.4268708
Bromodichloromethane	0.4	0.2928342	0.5	0.3004643	1	0.3838227	2	0.3855285	5	0.4027596	10	0.4159011
Bromoform			0.5	0.319884	1	0.4565927	2	0.4726873	5	0.5195616	10	0.5302586
Bromomethane							2	0.3582036	5	0.305726	10	0.2847553
2-Butanone (MEK)	4	0.1996559	5	0.1960318	10	0.2394114	20	0.2497464	50	0.2778149	100	0.2809742
tert-Butyl Alcohol (TBA)	4	6.974863E-02	5	6.059166E-02	10	6.774852E-02	20	7.291917E-02	50	6.977643E-02	100	7.362063E-02
n-Butylbenzene			0.5	1.074107	1	1.229302	2	1.442681	5	1.505298	10	1.602753
sec-Butylbenzene	0.4	1.800851	0.5	1.692398	1	2.174478	2	2.156456	5	2.111596	10	2.262527
tert-Butylbenzene	0.4	1.454685	0.5	1.320711	1	1.606914	2	1.597722	5	1.600215	10	1.65297
tert-Butyl Ethyl Ether (TBEE)	0.4	1.136545	0.5	1.175261	1	1.317558	2	1.357989	5	1.392616	10	1.454633
Carbon Disulfide	4	1.070224	5	1.047662	10	1.207455	20	1.278152	50	1.302909	100	1.339261
Carbon Tetrachloride	0.4	0.4425245	0.5	0.4100397	1	0.5109978	2	0.5149912	5	0.5297085	10	0.5463335
Chlorobenzene	0.4	1.363348	0.5	1.299771	1	1.479386	2	1.518184	5	1.568401	10	1.648763
Chlorodibromomethane	0.4	0.302932	0.5	0.2615113	1	0.3077744	2	0.3154275	5	0.3335198	10	0.3456485
Chloroethane	0.4	0.3431587	0.5	0.3434044	1	0.382391	2	0.3836943	5	0.3700846	10	0.3850966
2-Chloroethyl Vinyl Ether					10	0.1246265	20	0.129844	50	0.152713	100	0.1576571
Chloroform	0.4	0.6859322	0.5	0.6533362	1	0.7002447	2	0.7427606	5	0.7792626	10	0.7956987
Chloromethane	0.4	0.8388323	0.5	0.8169801	1	0.8360224	2	0.8037815	5	0.7304494	10	0.641401
2-Chlorotoluene	0.4	1.465493	0.5	1.538715	1	1.543378	2	1.617333	5	1.740921	10	1.845726
4-Chlorotoluene	0.4	1.47449	0.5	1.432374	1	1.93533	2	1.953204	5	1.913858	10	2.04178
Cyclohexane							2	0.8899794	5	0.7200859	10	0.6757271
1,2-Dibromo-3-chloropropane (D					1	0.1326683	2	0.1401352	5	0.1645137	10	0.1636918
1,2-Dibromoethane (EDB)	0.4	0.2089454	0.5	0.1998182	1	0.2743848	2	0.2940507	5	0.3106677	10	0.3204987
Dibromomethane	0.4	0.1558676	0.5	0.1642342	1	0.1849596	2	0.1879665	5	0.2023329	10	0.2146711
1,2-Dichlorobenzene	0.4	0.9617611	0.5	0.9632691	1	1.077844	2	1.202837	5	1.271961	10	1.286543

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,3-Dichlorobenzene	0.4	0.9387953	0.5	0.9588177	1	1.138336	2	1.184092	5	1.187706	10	1.268794
1,4-Dichlorobenzene	0.4	1.059226	0.5	1.090132	1	1.32233	2	1.240101	5	1.298012	10	1.265077
trans-1,4-Dichloro-2-butene					1	0.1831127	2	0.2335835	5	0.2120949	10	0.225333
Dichlorodifluoromethane (Freon	0.4	0.380132	0.5	0.3347263	1	0.448643	2	0.4436171	5	0.4287707	10	0.4404408
1,1-Dichloroethane	0.4	0.6797699	0.5	0.7301992	1	0.7816178	2	0.7884871	5	0.7982727	10	0.8004482
1,2-Dichloroethane	0.4	0.3518671	0.5	0.3512084	1	0.405942	2	0.4227912	5	0.445066	10	0.4504847
1,1-Dichloroethylene	0.4	0.577323	0.5	0.5752334	1	0.6424106	2	0.6744455	5	0.6513734	10	0.6674
cis-1,2-Dichloroethylene	0.4	0.591188	0.5	0.5606666	1	0.6572199	2	0.6771906	5	0.6881979	10	0.7149877
trans-1,2-Dichloroethylene	0.4	0.5164711	0.5	0.585771	1	0.6332133	2	0.6004831	5	0.594251	10	0.6561584
Dichlorofluoromethane (Freon 2	0.4	0.8053252	0.5	0.7162523	1	0.8344635	2	0.8550767	5	0.8552112	10	0.8733873
1,2-Dichloropropane	0.4	0.2783349	0.5	0.2434034	1	0.2769127	2	0.3126555	5	0.3082023	10	0.3181089
1,3-Dichloropropane	0.4	0.3598935	0.5	0.3987942	1	0.4565004	2	0.4981697	5	0.5055421	10	0.5286579
2,2-Dichloropropane	0.4	0.5056872	0.5	0.531533	1	0.6131039	2	0.6202483	5	0.6075581	10	0.6102824
1,1-Dichloropropene	0.4	0.48566	0.5	0.3973325	1	0.5463842	2	0.5438545	5	0.5573345	10	0.5687858
cis-1,3-Dichloropropene	0.4	0.3875976	0.5	0.3703691	1	0.4547098	2	0.4508316	5	0.464396	10	0.4893783
trans-1,3-Dichloropropene	0.4	0.2917986	0.5	0.3170982	1	0.3645473	2	0.3872877	5	0.4127665	10	0.4289665
Diethyl Ether	0.4	0.299638	0.5	0.2894763	1	0.3750643	2	0.3731843	5	0.3919462	10	0.3979727
Difluorochloromethane (Freon 2	0.4	0.5488228	0.5	0.5005398	1	0.5307955	2	0.5661295	5	0.5688019	10	0.5842988
Diisopropyl Ether (DIPE)	0.4	1.300999	0.5	1.343554	1	1.493866	2	1.556817	5	1.573028	10	1.608036
1,4-Dioxane							20	3.848888E-03	50	4.479251E-03	100	4.414266E-03
Ethanol							20	1.444736E-02	50	9.302706E-03	100	9.869131E-03
Ethyl Acetate	0.4	0.6655198	0.5	0.6570553	1	0.7270573	2	0.6853477	5	0.5977464	10	0.6206604
Ethylbenzene	0.4	2.113295	0.5	1.970968	1	2.368142	2	2.457065	5	2.540927	10	2.703932
Hexachlorobutadiene			0.5	0.1744924	1	0.2261548	2	0.2957406	5	0.2959699	10	0.3045425
2-Hexanone (MBK)	4	0.2261115	5	0.213715	10	0.2509699	20	0.2522941	50	0.2827812	100	0.2978231
Iodomethane					10	0.3815024	20	0.4321345	50	0.4931354	100	0.5262144
Isopropylbenzene (Cumene)	0.4	1.987863	0.5	1.861613	1	2.188056	2	2.371013	5	2.374954	10	2.517328
p-Isopropyltoluene (p-Cymene)	0.4	1.558311	0.5	1.511674	1	1.786784	2	1.817128	5	1.863428	10	1.88396
Methyl Acetate	0.4	0.876961	0.5	0.6833995	1	0.7487256	2	0.7121718	5	0.7182462	10	0.6812939
Methyl tert-Butyl Ether (MTBE)	0.4	1.163119	0.5	1.27041	1	1.413272	2	1.390696	5	1.405064	10	1.487417
Methyl Cyclohexane	0.4	0.2726388	0.5	0.2316123	1	0.3277871	2	0.3420286	5	0.3272422	10	0.3352233

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	0.4	0.5715459	0.5	0.5867008	1	0.6589347	2	0.641582	5	0.6709968	10	0.6763439
4-Methyl-2-pentanone (MIBK)	4	0.3450835	5	0.3391014	10	0.3708144	20	0.377916	50	0.4085731	100	0.4246754
Naphthalene							2	1.428566	5	1.653864	10	1.86344
n-Propylbenzene	0.4	2.060899	0.5	2.074726	1	2.500883	2	2.544848	5	2.641219	10	2.795744
Styrene	0.4	1.231035	0.5	1.319575	1	1.473765	2	1.548925	5	1.662313	10	1.808054
1,1,1,2-Tetrachloroethane	0.4	0.4673276	0.5	0.4662644	1	0.5670657	2	0.5497547	5	0.5828648	10	0.6039109
1,1,2,2-Tetrachloroethane	0.4	0.7187213	0.5	0.6845432	1	0.8210886	2	0.9206956	5	0.9432509	10	0.9653231
Tetrachloroethylene	0.4	0.1840894	0.5	0.2185578	1	0.2619558	2	0.2874938	5	0.2953985	10	0.2979786
Tetrahydrofuran					1	0.1585372	2	0.1684741	5	0.1808417	10	0.1969971
Toluene	0.4	1.05353	0.5	1.052572	1	1.138091	2	1.194808	5	1.170137	10	1.211481
1,2,3-Trichlorobenzene					1	0.4834718	2	0.5219218	5	0.6352284	10	0.6413806
1,2,4-Trichlorobenzene					1	0.4642246	2	0.5458611	5	0.6231059	10	0.6705392
1,3,5-Trichlorobenzene			0.5	0.4389017	1	0.6745692	2	0.6778659	5	0.7523267	10	0.7617107
1,1,1-Trichloroethane	0.4	0.5103089	0.5	0.5507487	1	0.6065566	2	0.6265229	5	0.6505149	10	0.6682944
1,1,2-Trichloroethane	0.4	0.2252571	0.5	0.2038188	1	0.2627985	2	0.2814166	5	0.2904676	10	0.2906006
Trichloroethylene	0.4	0.2353548	0.5	0.2111883	1	0.2678543	2	0.2828559	5	0.2696666	10	0.2903711
Trichlorofluoromethane (Freon 1	0.4	0.5842555	0.5	0.4977504	1	0.6218335	2	0.6572686	5	0.6453944	10	0.673414
1,2,3-Trichloropropane	0.4	0.6102251	0.5	0.7999254	1	0.8446533	2	0.6889522	5	0.7218566	10	0.7028892
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3396924	0.5	0.2823478	1	0.3926795	2	0.3996946	5	0.3885121	10	0.386176
1,2,4-Trimethylbenzene	0.4	1.721311	0.5	1.658568	1	1.947177	2	1.914918	5	1.948587	10	2.086244
1,3,5-Trimethylbenzene	0.4	1.710536	0.5	1.525369	1	1.804752	2	1.824289	5	1.914609	10	2.046769
Vinyl Acetate	4	1.056397	5	1.030151	10	1.235202	20	1.296953	50	1.366532	100	1.417923
Vinyl Chloride	0.4	0.4791126	0.5	0.4280158	1	0.5000857	2	0.5143637	5	0.5383857	10	0.5375438
m+p Xylene	0.8	1.593042	1	1.612982	2	1.824641	4	1.969007	10	1.938837	20	2.066525
o-Xylene	0.4	1.643321	0.5	1.622669	1	1.956301	2	2.041312	5	2.094468	10	2.2272
1,2-Dichloroethane-d4	25	0.5744299	25	0.5666049	25	0.5687509	25	0.5742991	25	0.5695746	25	0.5703371
Toluene-d8	25	1.19338	25	1.185863	25	1.168675	25	1.181205	25	1.195803	25	1.194198
4-Bromofluorobenzene	25	0.8774963	25	0.8873316	25	0.8698178	25	0.8772521	25	0.8944266	25	0.8769361

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.1810109	500	0.1787821	1000	0.1758926	2000	0.1749453				
Acrolein	200	9.797075E-02	500	0.0957349	1000	0.1010301	2000	0.1089096				
Acrylonitrile	20	0.2325875	50	0.2469831	100	0.2505761	200	0.2535139				
tert-Amyl Methyl Ether (TAME)	20	1.418358	50	1.442062	100	1.444687	200	1.471992				
Benzene	20	1.751483	50	1.746032	100	1.740147	200	1.754166				
Bromobenzene	20	1.101743	50	1.128908	100	1.15561	200	1.193408				
Bromochloromethane	20	0.4355634	50	0.4115939	100	0.3655887	200	0.3280994				
Bromodichloromethane	20	0.4275677	50	0.4397246	100	0.4377103	200	0.4539452				
Bromoform	20	0.5651722	50	0.5913464	100	0.6165399	200	0.6393994				
Bromomethane	20	0.2396955	50	0.3519376	100	0.3065038	200	0.3088966				
2-Butanone (MEK)	200	0.2894437	500	0.2990833	1000	0.2974443	2000	0.304489				
tert-Butyl Alcohol (TBA)	200	7.492953E-02	500	7.608853E-02	1000	7.627423E-02	2000	7.663326E-02				
n-Butylbenzene	20	1.717598	50	1.778443	100	1.783658	200	1.813523				
sec-Butylbenzene	20	2.315684	50	2.328897	100	2.286265	200	2.304764				
tert-Butylbenzene	20	1.725328	50	1.717742	100	1.692573	200	1.697572				
tert-Butyl Ethyl Ether (TBEE)	20	1.478033	50	1.50443	100	1.500669	200	1.515914				
Carbon Disulfide	200	1.386367	500	1.372749	1000	1.357673	2000	1.142375				
Carbon Tetrachloride	20	0.5693897	50	0.5835041	100	0.581051	200	0.59375				
Chlorobenzene	20	1.68339	50	1.731779	100	1.727886	200	1.742896				
Chlorodibromomethane	20	0.3583264	50	0.3697259	100	0.3748433	200	0.3941981				
Chloroethane	20	0.3662299	50	0.3575274	100	0.3402515	200	0.3293663				
2-Chloroethyl Vinyl Ether	200	0.1732422	500	0.18249	1000	0.1856442	2000	0.1985999				
Chloroform	20	0.8058299	50	0.8122728	100	0.803669	200	0.8123524				
Chloromethane	20	0.6138682	50	0.5835993	100	0.5945298	200	0.6359343				
2-Chlorotoluene	20	1.878196	50	1.932696	100	1.922132	200	1.97908				
4-Chlorotoluene	20	2.170431	50	2.236237	100	2.295302	200	2.398622				
Cyclohexane	20	0.6877821	50	0.6667298	100	0.6580311	200	0.657749				
1,2-Dibromo-3-chloropropane (D	20	0.1707952	50	0.1784092	100	0.184302	200	0.184928				
1,2-Dibromoethane (EDB)	20	0.3368415	50	0.3418306	100	0.3454023	200	0.3605203				
Dibromomethane	20	0.217448	50	0.2225062	100	0.2197977	200	0.2273191				
1,2-Dichlorobenzene	20	1.327007	50	1.341933	100	1.343828	200	1.359352				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,3-Dichlorobenzene	20	1.294069	50	1.321151	100	1.315974	200	1.323238				
1,4-Dichlorobenzene	20	1.339288	50	1.352862	100	1.354521	200	1.386405				
trans-1,4-Dichloro-2-butene	20	0.2389417	50	0.2672585	100	0.2750189	200	0.2825371				
Dichlorodifluoromethane (Freon	20	0.4726812	50	0.4720054	100	0.4620744	200	0.4580031				
1,1-Dichloroethane	20	0.8245803	50	0.8331632	100	0.8174644	200	0.8252576				
1,2-Dichloroethane	20	0.4587872	50	0.4661477	100	0.4578085	200	0.4661431				
1,1-Dichloroethylene	20	0.6933889	50	0.6880424	100	0.6675056	200	0.6660487				
cis-1,2-Dichloroethylene	20	0.7347194	50	0.7454895	100	0.7434478	200	0.7512378				
trans-1,2-Dichloroethylene	20	0.629731	50	0.6609526	100	0.6481576	200	0.6536793				
Dichlorofluoromethane (Freon 2	20	0.8904211	50	0.8724643	100	0.8531753	200	0.8473825				
1,2-Dichloropropane	20	0.3192734	50	0.3346675	100	0.326992	200	0.3447291				
1,3-Dichloropropane	20	0.5428413	50	0.5581388	100	0.5542633	200	0.5721622				
2,2-Dichloropropane	20	0.619092	50	0.6725158	100	0.6531247	200	0.6551492				
1,1-Dichloropropene	20	0.5914566	50	0.590646	100	0.592957	200	0.5993243				
cis-1,3-Dichloropropene	20	0.5066113	50	0.5329659	100	0.5279705	200	0.5497739				
trans-1,3-Dichloropropene	20	0.4476515	50	0.4661945	100	0.469724	200	0.494503				
Diethyl Ether	20	0.4044277	50	0.3999504	100	0.3928471	200	0.3891104				
Difluorochloromethane (Freon 2	20	0.6141899	50	0.6086493	100	0.5969917	200	0.6016047				
Diisopropyl Ether (DIPE)	20	1.662618	50	1.681104	100	1.67452	200	1.690981				
1,4-Dioxane	200	5.007413E-03	500	4.992229E-03	1000	4.966866E-03	2000	5.412238E-03				
Ethanol	200	1.028131E-02	500	9.800591E-03	1000	9.414962E-03	2000	9.453498E-03				
Ethyl Acetate	20	0.6125814	50	0.6419027	100	0.6577116	200	0.6405164				
Ethylbenzene	20	2.76132	50	2.853386	100	2.849683	200	2.87192				
Hexachlorobutadiene	20	0.3142774	50	0.3087043	100	0.3190778	200	0.3286969				
2-Hexanone (MBK)	200	0.3154004	500	0.3272563	1000	0.3316082	2000	0.3455153				
Iodomethane	200	0.577763	500	0.6189346	1000	0.6455201	2000	0.660844				
Isopropylbenzene (Cumene)	20	2.584254	50	2.678198	100	2.662854	200	2.726081				
p-Isopropyltoluene (p-Cymene)	20	1.974552	50	2.011394	100	1.99889	200	2.015096				
Methyl Acetate	20	0.6950739	50	0.669153	100	0.6544937	200	0.6491057				
Methyl tert-Butyl Ether (MTBE)	20	1.461741	50	1.535596	100	1.49686	200	1.5039				
Methyl Cyclohexane	20	0.3625505	50	0.3712061	100	0.3652758	200	0.372607				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2200537 Instrument: GCMSVOA3

Calibration Date: 8/8/2022 10:18:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	20	0.6834239	50	0.6604383	100	0.6456928	200	0.6321265				
4-Methyl-2-pentanone (MIBK)	200	0.4458509	500	0.4594866	1000	0.4598359	2000	0.4807751				
Naphthalene	20	2.061553	50	2.366484	100	2.436525	200	2.44123				
n-Propylbenzene	20	2.923039	50	3.043173	100	3.046953	200	3.150196				
Styrene	20	1.868234	50	1.940366	100	1.951764	200	2.027108				
1,1,1,2-Tetrachloroethane	20	0.6332262	50	0.6503205	100	0.6525668	200	0.6707237				
1,1,2,2-Tetrachloroethane	20	1.001356	50	1.035623	100	1.036847	200	1.049987				
Tetrachloroethylene	20	0.3061689	50	0.3159858	100	0.3162456	200	0.3242048				
Tetrahydrofuran	20	0.1911038	50	0.1999544	100	0.2000376	200	0.2048099				
Toluene	20	1.263838	50	1.288627	100	1.271498	200	1.306984				
1,2,3-Trichlorobenzene	20	0.6948166	50	0.7725901	100	0.781866	200	0.7794507				
1,2,4-Trichlorobenzene	20	0.718192	50	0.7853718	100	0.8043983	200	0.82126				
1,3,5-Trichlorobenzene	20	0.8118502	50	0.8361906	100	0.8513403	200	0.8670792				
1,1,1-Trichloroethane	20	0.6745466	50	0.6779332	100	0.6740426	200	0.6826553				
1,1,2-Trichloroethane	20	0.3014292	50	0.3098672	100	0.3098774	200	0.3215206				
Trichloroethylene	20	0.2970176	50	0.3055363	100	0.2997401	200	0.3087742				
Trichlorofluoromethane (Freon 1	20	0.6979003	50	0.6873674	100	0.6691811	200	0.6570662				
1,2,3-Trichloropropane	20	0.7440779	50	0.7903051	100	0.7958581	200	0.828061				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.4042439	50	0.4001972	100	0.3956299	200	0.386297				
1,2,4-Trimethylbenzene	20	2.090814	50	2.143732	100	2.114989	200	2.121372				
1,3,5-Trimethylbenzene	20	2.100422	50	2.19535	100	2.200627	200	2.313521				
Vinyl Acetate	200	1.457975	500	1.484021	1000	1.474087	2000	1.306462				
Vinyl Chloride	20	0.567628	50	0.5608506	100	0.5497029	200	0.5458885				
m+p Xylene	40	2.133801	100	2.248885	200	2.229151	400	2.285227				
o-Xylene	20	2.282851	50	2.34778	100	2.339416	200	2.391261				
1,2-Dichloroethane-d4	25	0.5610286	25	0.5524272	25	0.5494297	25	0.5426527				
Toluene-d8	25	1.198554	25	1.19135	25	1.179521	25	1.192773				
4-Bromofluorobenzene	25	0.8912293	25	0.8943519	25	0.9015015	25	0.9241038				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	0.1820924	3.7			20	
Acrolein	9.146822E-02	11.1			20	
Acrylonitrile	0.22594	12.8			20	
tert-Amyl Methyl Ether (TAME)	1.312452	11.5			20	
Benzene	1.667645	5.3			20	
Bromobenzene	1.045039	9.9			20	
Bromochloromethane	0.3793018	13.2			20	
Bromodichloromethane	0.3940258	14.3			20	
Bromoform	0.5234936	18.7			20	
Bromomethane	0.3079598	13.0			20	
2-Butanone (MEK)	0.2634095	15.3			20	
tert-Butyl Alcohol (TBA)	7.183306E-02	7.0			20	
n-Butylbenzene	1.549707	16.9			20	
sec-Butylbenzene	2.143392	10.4			20	
tert-Butylbenzene	1.606643	8.0			20	
tert-Butyl Ethyl Ether (TBEE)	1.383365	9.9			20	
Carbon Disulfide	1.250483	10.1			20	
Carbon Tetrachloride	0.528229	11.6			20	
Chlorobenzene	1.57638	10.1			20	
Chlorodibromomethane	0.3363907	11.9			20	
Chloroethane	0.3601205	5.7			20	
2-Chloroethyl Vinyl Ether	0.1631021	16.3			20	
Chloroform	0.7591359	7.8			20	
Chloromethane	0.7095398	15.0			20	
2-Chlorotoluene	1.746367	10.9			20	
4-Chlorotoluene	1.985163	16.3			20	
Cyclohexane	0.7080121	11.7			20	
1,2-Dibromo-3-chloropropane (DBCP)	0.1649304	11.8			20	
1,2-Dibromoethane (EDB)	0.299296	18.8			20	
Dibromomethane	0.1997103	12.7			20	
1,2-Dichlorobenzene	1.213634	12.9			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.193097	12.1			20	
1,4-Dichlorobenzene	1.270795	8.8			20	
trans-1,4-Dichloro-2-butene	0.239735	14.1			20	
Dichlorodifluoromethane (Freon 12)	0.4341094	10.1			20	
1,1-Dichloroethane	0.787926	6.1			20	
1,2-Dichloroethane	0.4276246	10.4			20	
1,1-Dichloroethylene	0.6503172	6.4			20	
cis-1,2-Dichloroethylene	0.6864345	9.7			20	
trans-1,2-Dichloroethylene	0.6178868	7.3			20	
Dichlorofluoromethane (Freon 21)	0.8403159	5.9			20	
1,2-Dichloropropane	0.306328	10.1			20	
1,3-Dichloropropane	0.4974963	14.4			20	
2,2-Dichloropropane	0.6088295	8.7			20	
1,1-Dichloropropene	0.5473735	11.5			20	
cis-1,3-Dichloropropene	0.4734604	12.7			20	
trans-1,3-Dichloropropene	0.4080538	16.5			20	
Diethyl Ether	0.3713617	11.2			20	
Difluorochloromethane (Freon 22)	0.5720824	6.4			20	
Diisopropyl Ether (DIPE)	1.558552	9.0			20	
1,4-Dioxane	4.731593E-03	10.9			20	
Ethanol	1.036708E-02	17.7			20	
Ethyl Acetate	0.6506099	5.8			20	
Ethylbenzene	2.549064	12.6			20	
Hexachlorobutadiene	0.2852952	17.9			20	
2-Hexanone (MBK)	0.2843475	16.4			20	
Iodomethane	0.5420061	18.8			20	
Isopropylbenzene (Cumene)	2.395221	12.5			20	
p-Isopropyltoluene (p-Cymene)	1.842122	9.9			20	
Methyl Acetate	0.7088624	9.4			20	
Methyl tert-Butyl Ether (MTBE)	1.412808	8.2			20	
Methyl Cyclohexane	0.3308172	13.9			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2200537	Instrument:	GCMSVOA3
		Calibration Date:	8/8/2022 10:18:58AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.6427786	5.8			20	
4-Methyl-2-pentanone (MIBK)	0.4112112	12.4			20	
Naphthalene	2.035952	19.8			20	
n-Propylbenzene	2.678168	14.5			20	
Styrene	1.683114	16.6			20	
1,1,1,2-Tetrachloroethane	0.5844025	12.5			20	
1,1,2,2-Tetrachloroethane	0.9177436	14.5			20	
Tetrachloroethylene	0.2808079	16.4			20	
Tetrahydrofuran	0.1875945	8.9			20	
Toluene	1.195157	7.7			20	
1,2,3-Trichlorobenzene	0.6638408	17.5			20	
1,2,4-Trichlorobenzene	0.6791191	18.9			20	
1,3,5-Trichlorobenzene	0.7413149	18.0			20	
1,1,1-Trichloroethane	0.6322124	9.4			20	
1,1,2-Trichloroethane	0.2797054	13.7			20	
Trichloroethylene	0.2768359	11.5			20	
Trichlorofluoromethane (Freon 11)	0.6391431	9.3			20	
1,2,3-Trichloropropane	0.7526804	9.7			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.377547	10.1			20	
1,2,4-Trimethylbenzene	1.974771	8.7			20	
1,3,5-Trimethylbenzene	1.963624	12.7			20	
Vinyl Acetate	1.31257	12.5			20	
Vinyl Chloride	0.5221577	8.2			20	
m+p Xylene	1.99021	12.6			20	
o-Xylene	2.094658	13.4			20	
1,2-Dichloroethane-d4	0.5629535	2.0			20	
Toluene-d8	1.188132	0.8			20	
4-Bromofluorobenzene	0.8894447	1.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone	4	0.200419	5	0.1791849	10	0.1779575	20	0.1838763	50	0.1976128	100	0.1934696
Acrolein	4	0.1240138	5	0.1057721	10	0.1147731	20	0.1121856	50	0.1136431	100	0.1171869
Acrylonitrile					1	0.1882409	2	0.2161533	5	0.2354363	10	0.2444118
tert-Amyl Methyl Ether (TAME)	0.4	1.145026	0.5	1.072565	1	1.253146	2	1.256695	5	1.367421	10	1.39338
Benzene	0.4	1.716751	0.5	1.566648	1	1.694383	2	1.805026	5	1.896484	10	1.913725
Bromobenzene	0.4	0.9944869	0.5	0.7901714	1	1.0024	2	0.9975404	5	1.063352	10	1.045242
Bromochloromethane					1	0.1996429	2	0.2305347	5	0.2320692	10	0.2475048
Bromodichloromethane	0.4	0.3199887	0.5	0.2890816	1	0.3405823	2	0.3452222	5	0.3716128	10	0.3771639
Bromoform					1	0.3398404	2	0.3411606	5	0.392839	10	0.3967009
Bromomethane							2	0.3463427	5	0.2901297	10	0.2866168
2-Butanone (MEK)	4	0.2711489	5	0.2654481	10	0.2764667	20	0.2814102	50	0.3003561	100	0.3081844
tert-Butyl Alcohol (TBA)			5	5.208024E-02	10	5.664436E-02	20	5.892042E-02	50	6.291252E-02	100	6.574681E-02
n-Butylbenzene	0.4	1.910919	0.5	1.610532	1	1.86657	2	1.956932	5	2.113256	10	2.220442
sec-Butylbenzene	0.4	2.675618	0.5	2.30233	1	2.481833	2	2.591794	5	2.777995	10	2.839514
tert-Butylbenzene	0.4	1.811128	0.5	1.652312	1	1.820025	2	1.920409	5	1.974312	10	2.048275
tert-Butyl Ethyl Ether (TBEE)	0.4	1.490268	0.5	1.239662	1	1.539703	2	1.559569	5	1.617362	10	1.698028
Carbon Disulfide	4	1.07272	5	0.9815514	10	1.075985	20	1.127176	50	1.19261	100	1.23542
Carbon Tetrachloride	0.4	0.6973151	0.5	0.6577887	1	0.6750855	2	0.6608949	5	0.6963372	10	0.6842521
Chlorobenzene	0.4	1.472855	0.5	1.32942	1	1.523066	2	1.553036	5	1.671069	10	1.703564
Chlorodibromomethane	0.4	0.2866825	0.5	0.2434108	1	0.2670935	2	0.3017708	5	0.3126992	10	0.3246805
Chloroethane	0.4	0.3977902	0.5	0.3151109	1	0.3848719	2	0.3516411	5	0.3496147	10	0.3689429
2-Chloroethyl Vinyl Ether	4	0.1930516	5	0.1791453	10	0.2044127	20	0.213497	50	0.2260674	100	0.2283867
Chloroform	0.4	0.7109777	0.5	0.6264049	1	0.6918658	2	0.7502109	5	0.8311498	10	0.8170312
Chloromethane	0.4	0.8749282	0.5	0.8299758	1	0.9341049	2	0.9694999	5	0.936522	10	0.9580802
2-Chlorotoluene	0.4	1.895188	0.5	1.695389	1	1.826789	2	1.902037	5	2.060949	10	1.986804
4-Chlorotoluene	0.4	2.108713	0.5	1.991762	1	2.16616	2	2.186126	5	2.345621	10	2.350006
Cyclohexane							2	1.298974	5	1.161296	10	1.159958
1,2-Dibromo-3-chloropropane (D					1	8.637922E-02	2	0.1006806	5	0.1211245	10	0.1161121
1,2-Dibromoethane (EDB)	0.4	0.2197588	0.5	0.2077774	1	0.2554367	2	0.2556154	5	0.2817522	10	0.2868854
Dibromomethane			0.5	0.119196	1	0.1506519	2	0.1560103	5	0.1673028	10	0.1717515
1,2-Dichlorobenzene	0.4	1.05084	0.5	0.9099372	1	1.08656	2	1.109546	5	1.187726	10	1.21264

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,3-Dichlorobenzene	0.4	1.15008	0.5	1.028242	1	1.154321	2	1.219005	5	1.241654	10	1.291353
1,4-Dichlorobenzene	0.4	1.278541	0.5	1.132914	1	1.232473	2	1.277202	5	1.313869	10	1.331876
trans-1,4-Dichloro-2-butene							2	0.2400461	5	0.2678576	10	0.2650594
Dichlorodifluoromethane (Freon	0.4	0.5055141	0.5	0.4020527	1	0.4463998	2	0.497185	5	0.5122272	10	0.534999
1,1-Dichloroethane	0.4	0.8171251	0.5	0.726918	1	0.8112643	2	0.8795352	5	0.9385509	10	0.9444578
1,2-Dichloroethane	0.4	0.3181211	0.5	0.2594709	1	0.3476777	2	0.3510703	5	0.3990827	10	0.3933011
1,1-Dichloroethylene	0.4	0.6878565	0.5	0.583146	1	0.6333498	2	0.6933341	5	0.7182232	10	0.7584618
cis-1,2-Dichloroethylene	0.4	0.7030954	0.5	0.6734806	1	0.7342469	2	0.8227666	5	0.8457404	10	0.8854498
trans-1,2-Dichloroethylene	0.4	0.6910093	0.5	0.5636371	1	0.6690618	2	0.6790608	5	0.7309145	10	0.7795205
Dichlorofluoromethane (Freon 2	0.4	0.8024116	0.5	0.6938377	1	0.7598477	2	0.7838395	5	0.7935939	10	0.8578981
1,2-Dichloropropane	0.4	0.2483959	0.5	0.238392	1	0.2852123	2	0.3088764	5	0.3237766	10	0.3340356
1,3-Dichloropropane	0.4	0.3990521	0.5	0.3282281	1	0.4049482	2	0.4365898	5	0.452408	10	0.466106
2,2-Dichloropropane	0.4	0.6316298	0.5	0.5780567	1	0.6410946	2	0.6581916	5	0.6902506	10	0.7195253
1,1-Dichloropropene	0.4	0.6789233	0.5	0.5721193	1	0.602801	2	0.6497574	5	0.6701776	10	0.7003312
cis-1,3-Dichloropropene	0.4	0.390959	0.5	0.3636105	1	0.4283886	2	0.4442614	5	0.4798033	10	0.5018152
trans-1,3-Dichloropropene	0.4	0.3336847	0.5	0.2951042	1	0.3557868	2	0.3822597	5	0.4084463	10	0.4260877
Diethyl Ether	0.4	0.3247481	0.5	0.2905127	1	0.3386184	2	0.354885	5	0.3589821	10	0.3746902
Difluorochloromethane (Freon 2	0.4	0.627426	0.5	0.6633021	1	0.7166061	2	0.7512922	5	0.796443	10	0.8302367
Diisopropyl Ether (DIPE)	0.4	1.97161	0.5	1.681157	1	1.918121	2	1.947218	5	2.077141	10	2.167943
1,4-Dioxane									50	3.362945E-03	100	3.743287E-03
Ethanol									50	9.203341E-03	100	8.318161E-03
Ethyl Acetate							2	0.7443718	5	0.820142	10	0.8015224
Ethylbenzene	0.4	2.636629	0.5	2.259256	1	2.621626	2	2.630707	5	2.870909	10	2.854885
Hexachlorobutadiene			0.5	0.2163795	1	0.2764568	2	0.2819924	5	0.3074044	10	0.3214851
2-Hexanone (MBK)	4	0.2666054	5	0.241604	10	0.2741256	20	0.2768506	50	0.3034623	100	0.3116183
Iodomethane					10	0.4527892	20	0.5200979	50	0.5991064	100	0.6544761
Isopropylbenzene (Cumene)	0.4	2.924476	0.5	2.462362	1	2.648597	2	2.798232	5	3.002137	10	2.983989
p-Isopropyltoluene (p-Cymene)	0.4	2.385065	0.5	2.060443	1	2.239365	2	2.403329	5	2.500872	10	2.596635
Methyl Acetate					1	0.488996	2	0.5036728	5	0.5709352	10	0.568978
Methyl tert-Butyl Ether (MTBE)	0.4	1.104564	0.5	0.970355	1	1.163651	2	1.172137	5	1.254624	10	1.301358
Methyl Cyclohexane	0.4	0.4609954	0.5	0.4087795	1	0.4582909	2	0.4799155	5	0.4831315	10	0.5193638

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260D

Client: NYDEC GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	0.4	0.8397209	0.5	0.7498198	1	0.8168578	2	0.7970315	5	0.8386609	10	0.8383092
4-Methyl-2-pentanone (MIBK)	4	0.3496842	5	0.3254427	10	0.3635411	20	0.3724942	50	0.4048697	100	0.409321
Naphthalene	0.4	1.501279	0.5	1.2908	1	1.52993	2	1.523214	5	1.667588	10	1.685925
n-Propylbenzene	0.4	3.192857	0.5	2.939589	1	3.061847	2	3.256649	5	3.521273	10	3.524351
Styrene	0.4	1.617368	0.5	1.453934	1	1.637754	2	1.686088	5	1.886792	10	1.895144
1,1,1,2-Tetrachloroethane	0.4	0.4718799	0.5	0.4152069	1	0.4789193	2	0.527133	5	0.5999202	10	0.6080517
1,1,2,2-Tetrachloroethane	0.4	0.5273258	0.5	0.5383013	1	0.6114312	2	0.628824	5	0.680423	10	0.7028031
Tetrachloroethylene	0.4	0.2309646	0.5	0.1912155	1	0.2407389	2	0.255301	5	0.2708735	10	0.2792539
Tetrahydrofuran					1	0.2129811	2	0.2252363	5	0.226846	10	0.2307895
Toluene	0.4	1.283379	0.5	1.075273	1	1.198627	2	1.258646	5	1.264482	10	1.319993
1,2,3-Trichlorobenzene	0.4	0.4079862	0.5	0.4494711	1	0.5005232	2	0.51294	5	0.5551397	10	0.5687715
1,2,4-Trichlorobenzene	0.4	0.5215608	0.5	0.5391895	1	0.6035721	2	0.6378967	5	0.679624	10	0.7140025
1,3,5-Trichlorobenzene	0.4	0.7316186	0.5	0.6667302	1	0.7133321	2	0.7461635	5	0.824395	10	0.8308634
1,1,1-Trichloroethane	0.4	0.6484453	0.5	0.5381908	1	0.6606716	2	0.6890089	5	0.7523257	10	0.7720841
1,1,2-Trichloroethane	0.4	0.1982809	0.5	0.1897098	1	0.2304759	2	0.2310285	5	0.2513267	10	0.2594571
Trichloroethylene	0.4	0.2636483	0.5	0.226096	1	0.2641793	2	0.2796363	5	0.2971263	10	0.307619
Trichlorofluoromethane (Freon 1	0.4	0.56647	0.5	0.5034141	1	0.544285	2	0.6143987	5	0.6617168	10	0.6955053
1,2,3-Trichloropropane					1	0.1791843	2	0.1812452	5	0.2154415	10	0.2236013
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3547006	0.5	0.2705798	1	0.3513112	2	0.3715371	5	0.3995597	10	0.4173558
1,2,3-Trimethylbenzene	0.4	2.227384	0.5	1.964127	1	2.206242	2	2.219417	5	2.350147	10	2.381613
1,2,4-Trimethylbenzene	0.4	2.152954	0.5	1.886723	1	1.966588	2	2.148214	5	2.239485	10	2.29064
1,3,5-Trimethylbenzene	0.4	2.20132	0.5	1.987975	1	2.257628	2	2.32402	5	2.489107	10	2.497266
Vinyl Acetate	4	1.376501	5	1.254845	10	1.442484	20	1.390009	50	1.394043	100	1.569919
Vinyl Chloride	0.4	0.5790816	0.5	0.5203783	1	0.5780608	2	0.6215353	5	0.6603354	10	0.7007261
m+p Xylene	0.8	2.073617	1	1.899915	2	2.100256	4	2.125307	10	2.222565	20	2.20699
o-Xylene	0.4	2.109303	0.5	1.888079	1	2.103305	2	2.132168	5	2.248115	10	2.276664
1,2-Dichloroethane-d4	25	0.5899023	25	0.6125535	25	0.6289439	25	0.6366304	25	0.6378796	25	0.6219931
Toluene-d8	25	1.222845	25	1.254885	25	1.273539	25	1.262243	25	1.248865	25	1.256785
4-Bromofluorobenzene	25	0.9454397	25	0.9506486	25	0.9524818	25	0.9414881	25	0.9692001	25	0.9410728

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.1933775	500	0.1967145	1000	0.1873683	2000	0.1768922				
Acrolein	200	0.1200056	500	0.1164393	1000	0.1231035	2000	0.1182626				
Acrylonitrile	20	0.261683	50	0.2544653	100	0.2685838	200	0.2528694				
tert-Amyl Methyl Ether (TAME)	20	1.456673	50	1.446414	100	1.502112	200	1.487781				
Benzene	20	2.102228	50	1.953372	100	2.052023	200	2.023564				
Bromobenzene	20	1.08041	50	1.050459	100	1.078511	200	1.073008				
Bromochloromethane	20	0.2619872	50	0.2503323	100	0.2513794	200	0.2264646				
Bromodichloromethane	20	0.4013462	50	0.3860845	100	0.395995	200	0.4060709				
Bromoform	20	0.4087775	50	0.4157874	100	0.4307507	200	0.4280266				
Bromomethane	20	0.2595418	50	0.3104936	100	0.2922253	200	0.2578417				
2-Butanone (MEK)	200	0.3160637	500	0.3115867	1000	0.3200659	2000	0.3026752				
tert-Butyl Alcohol (TBA)	200	6.679732E-02	500	6.666038E-02	1000	6.958869E-02	2000	6.596394E-02				
n-Butylbenzene	20	2.325894	50	2.222035	100	2.252412	200	2.212797				
sec-Butylbenzene	20	2.963676	50	2.862727	100	2.903167	200	2.88477				
tert-Butylbenzene	20	2.152838	50	2.080109	100	2.1039	200	2.094731				
tert-Butyl Ethyl Ether (TBEE)	20	1.777806	50	1.701558	100	1.761548	200	1.742905				
Carbon Disulfide	200	1.355552	500	1.067794	1000	1.101646	2000	1.071355				
Carbon Tetrachloride	20	0.7465659	50	0.7217485	100	0.7550498	200	0.7424446				
Chlorobenzene	20	1.756043	50	1.70406	100	1.744231	200	1.731042				
Chlorodibromomethane	20	0.337005	50	0.3420326	100	0.3564261	200	0.3662332				
Chloroethane	20	0.3830646	50	0.3495134	100	0.3572286	200	0.312699				
2-Chloroethyl Vinyl Ether	200	0.2297878	500	0.2136123	1000	0.2104371	2000	0.2024556				
Chloroform	20	0.8756582	50	0.8675794	100	0.8913801	200	0.8793604				
Chloromethane	20	0.9915873	50	0.8596268	100	0.9163165	200	0.9453983				
2-Chlorotoluene	20	2.060286	50	1.989536	100	2.042191	200	2.010647				
4-Chlorotoluene	20	2.425429	50	2.334527	100	2.394053	200	2.351881				
Cyclohexane	20	1.224967	50	1.077218	100	1.078502	200	1.061062				
1,2-Dibromo-3-chloropropane (D	20	0.1197235	50	0.1215377	100	0.1222452	200	0.1171119				
1,2-Dibromoethane (EDB)	20	0.3014339	50	0.2963732	100	0.3020256	200	0.3081463				
Dibromomethane	20	0.1765929	50	0.1733793	100	0.1791185	200	0.1806728				
1,2-Dichlorobenzene	20	1.254895	50	1.217865	100	1.218751	200	1.203459				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,3-Dichlorobenzene	20	1.350931	50	1.290148	100	1.313862	200	1.307369				
1,4-Dichlorobenzene	20	1.371933	50	1.336175	100	1.336584	200	1.339097				
trans-1,4-Dichloro-2-butene	20	0.2750733	50	0.2799929	100	0.2890964	200	0.2814253				
Dichlorodifluoromethane (Freon	20	0.5742752	50	0.5343125	100	0.5422837	200	0.52743				
1,1-Dichloroethane	20	1.03867	50	0.9740024	100	1.021635	200	1.00492				
1,2-Dichloroethane	20	0.4161522	50	0.3934661	100	0.406626	200	0.4074285				
1,1-Dichloroethylene	20	0.8264456	50	0.7504593	100	0.7740368	200	0.7578697				
cis-1,2-Dichloroethylene	20	0.9258887	50	0.8700853	100	0.900045	200	0.889233				
trans-1,2-Dichloroethylene	20	0.8310673	50	0.7485612	100	0.7989449	200	0.7749313				
Dichlorofluoromethane (Freon 2	20	0.9024056	50	0.8360167	100	0.8649781	200	0.8559286				
1,2-Dichloropropane	20	0.346549	50	0.326974	100	0.3382149	200	0.3423087				
1,3-Dichloropropane	20	0.4822758	50	0.4753776	100	0.4975182	200	0.5026274				
2,2-Dichloropropane	20	0.7538202	50	0.7457467	100	0.7494436	200	0.7437267				
1,1-Dichloropropene	20	0.744179	50	0.6952211	100	0.722296	200	0.7078831				
cis-1,3-Dichloropropene	20	0.5126507	50	0.4929691	100	0.525089	200	0.5360372				
trans-1,3-Dichloropropene	20	0.4476255	50	0.4414938	100	0.4608091	200	0.4697643				
Diethyl Ether	20	0.3900849	50	0.3794725	100	0.3956833	200	0.3852383				
Difluorochloromethane (Freon 2	20	0.8863759	50	0.8176803	100	0.8408892	200	0.8287452				
Diisopropyl Ether (DIPE)	20	2.262338	50	2.103205	100	2.18953	200	2.121074				
1,4-Dioxane	200	4.098443E-03	500	3.876659E-03	1000	3.852526E-03	2000	4.071677E-03				
Ethanol	200	8.188051E-03	500	1.004667E-02	1000	1.063606E-02	2000	1.008772E-02				
Ethyl Acetate	20	0.8368006	50	0.7795535	100	0.7563022	200	0.7396607				
Ethylbenzene	20	2.986292	50	2.847955	100	2.917527	200	2.885303				
Hexachlorobutadiene	20	0.3446364	50	0.3280051	100	0.3367847	200	0.3213134				
2-Hexanone (MBK)	200	0.3113738	500	0.3067229	1000	0.314017	2000	0.3043991				
Iodomethane	200	0.7225318	500	0.6515864	1000	0.6791414	2000	0.6474325				
Isopropylbenzene (Cumene)	20	3.121642	50	3.027483	100	3.085294	200	3.071295				
p-Isopropyltoluene (p-Cymene)	20	2.705157	50	2.608758	100	2.65047	200	2.62126				
Methyl Acetate	20	0.566272	50	0.5778299	100	0.5621301	200	0.5457193				
Methyl tert-Butyl Ether (MTBE)	20	1.362881	50	1.329739	100	1.381568	200	1.360867				
Methyl Cyclohexane	20	0.5485113	50	0.4883765	100	0.496692	200	0.5005264				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Client: NYDEC_GES - Amherst, NY SDG: 23K1148

Project: 275 Franklin St, Buffalo, NY - CO 144192

Calibration: 2301046 Instrument: GCMSVOA2

Calibration Date: 8/22/2023 11:59:17AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	20	0.8937472	50	0.8247914	100	0.8527289	200	0.8382018				
4-Methyl-2-pentanone (MIBK)	200	0.4137001	500	0.4096453	1000	0.4196499	2000	0.4063997				
Naphthalene	20	1.714162	50	1.732034	100	1.746888	200	1.627387				
n-Propylbenzene	20	3.686037	50	3.561434	100	3.624924	200	3.559031				
Styrene	20	1.978399	50	1.913886	100	1.971727	200	1.947116				
1,1,1,2-Tetrachloroethane	20	0.6277572	50	0.6248726	100	0.6370047	200	0.6400046				
1,1,2,2-Tetrachloroethane	20	0.7084555	50	0.7091587	100	0.7322637	200	0.7046823				
Tetrachloroethylene	20	0.2901206	50	0.27111	100	0.2817901	200	0.2851922				
Tetrahydrofuran	20	0.2405752	50	0.2252121	100	0.23699	200	0.2268038				
Toluene	20	1.401199	50	1.303152	100	1.344748	200	1.357864				
1,2,3-Trichlorobenzene	20	0.5879333	50	0.5762179	100	0.5840327	200	0.5344466				
1,2,4-Trichlorobenzene	20	0.7325091	50	0.7158533	100	0.7280719	200	0.6998211				
1,3,5-Trichlorobenzene	20	0.8819999	50	0.8343559	100	0.8557537	200	0.8314114				
1,1,1-Trichloroethane	20	0.8322725	50	0.7868563	100	0.8218856	200	0.8185205				
1,1,2-Trichloroethane	20	0.2684872	50	0.2641727	100	0.2713594	200	0.2759855				
Trichloroethylene	20	0.3190485	50	0.3039431	100	0.3110658	200	0.3151057				
Trichlorofluoromethane (Freon 1	20	0.7273419	50	0.6915931	100	0.715544	200	0.7048498				
1,2,3-Trichloropropane	20	0.2306094	50	0.2291723	100	0.2335393	200	0.2244145				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.4443638	50	0.4188522	100	0.4240218	200	0.4262858				
1,2,3-Trimethylbenzene	20	2.440336	50	2.335849	100	2.350012	200	2.344104				
1,2,4-Trimethylbenzene	20	2.371715	50	2.25247	100	2.29641	200	2.286169				
1,3,5-Trimethylbenzene	20	2.61811	50	2.511309	100	2.582612	200	2.523195				
Vinyl Acetate	200	1.630307	500	1.536137	1000	1.630596	2000	1.549529				
Vinyl Chloride	20	0.7548499	50	0.6595255	100	0.6888532	200	0.6809324				
m+p Xylene	40	2.298627	100	2.213416	200	2.270431	400	2.232176				
o-Xylene	20	2.381157	50	2.281207	100	2.336813	200	2.310821				
1,2-Dichloroethane-d4	25	0.6256055	25	0.6186964	25	0.6335043	25	0.6346407				
Toluene-d8	25	1.263328	25	1.263199	25	1.280345	25	1.291075				
4-Bromofluorobenzene	25	0.9405738	25	0.9576963	25	0.9672208	25	0.9644954				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2301046	Instrument:	GCMSVOA2
		Calibration Date:	8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	0.1886873	4.7			20	
Acrolein	0.1165386	4.6			20	
Acrylonitrile	0.2402305	11.1			20	
tert-Amyl Methyl Ether (TAME)	1.338121	11.2			20	
Benzene	1.87242	9.3			20	
Bromobenzene	1.017558	8.5			20	
Bromochloromethane	0.2374894	8.3			20	
Bromodichloromethane	0.3633148	10.6			20	
Bromoform	0.3942354	9.1			20	
Bromomethane	0.2918845	10.4			20	
2-Butanone (MEK)	0.2953406	6.8			20	
tert-Butyl Alcohol (TBA)	6.281274E-02	9.1			20	
n-Butylbenzene	2.069179	10.9			20	
sec-Butylbenzene	2.728342	7.8			20	
tert-Butylbenzene	1.965804	8.2			20	
tert-Butyl Ethyl Ether (TBEE)	1.612841	10.2			20	
Carbon Disulfide	1.128181	9.4			20	
Carbon Tetrachloride	0.7037482	5.1			20	
Chlorobenzene	1.618839	8.8			20	
Chlorodibromomethane	0.3138034	12.6			20	
Chloroethane	0.3570477	7.9			20	
2-Chloroethyl Vinyl Ether	0.2100854	7.7			20	
Chloroform	0.7941618	11.7			20	
Chloromethane	0.921604	5.6			20	
2-Chlorotoluene	1.946982	6.0			20	
4-Chlorotoluene	2.265428	6.3			20	
Cyclohexane	1.151711	7.6			20	
1,2-Dibromo-3-chloropropane (DBCP)	0.1131143	11.4			20	
1,2-Dibromoethane (EDB)	0.2715205	13.1			20	
Dibromomethane	0.1638529	12.0			20	
1,2-Dichlorobenzene	1.145222	9.3			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2301046	Instrument:	GCMSVOA2
		Calibration Date:	8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.234696	8.0			20	
1,4-Dichlorobenzene	1.295066	5.4			20	
trans-1,4-Dichloro-2-butene	0.2712216	5.9			20	
Dichlorodifluoromethane (Freon 12)	0.5076679	9.9			20	
1,1-Dichloroethane	0.9157079	11.3			20	
1,2-Dichloroethane	0.3692397	13.6			20	
1,1-Dichloroethylene	0.7183183	10.0			20	
cis-1,2-Dichloroethylene	0.8250032	10.9			20	
trans-1,2-Dichloroethylene	0.7266709	10.8			20	
Dichlorofluoromethane (Freon 21)	0.8150758	7.5			20	
1,2-Dichloropropane	0.3092735	12.6			20	
1,3-Dichloropropane	0.4445131	12.2			20	
2,2-Dichloropropane	0.6911486	8.9			20	
1,1-Dichloropropene	0.6743689	7.9			20	
cis-1,3-Dichloropropene	0.4675584	12.5			20	
trans-1,3-Dichloropropene	0.4021062	14.6			20	
Diethyl Ether	0.3592915	9.3			20	
Difluorochloromethane (Freon 22)	0.7758997	10.8			20	
Diisopropyl Ether (DIPE)	2.043934	8.3			20	
1,4-Dioxane	3.834256E-03	7.0			20	
Ethanol	9.413334E-03	10.7			20	
Ethyl Acetate	0.7826219	4.9			20	
Ethylbenzene	2.751109	7.9			20	
Hexachlorobutadiene	0.3038286	13.2			20	
2-Hexanone (MBK)	0.2910779	8.5			20	
Iodomethane	0.6158952	14.4			20	
Isopropylbenzene (Cumene)	2.912551	7.3			20	
p-Isopropyltoluene (p-Cymene)	2.477135	8.3			20	
Methyl Acetate	0.5480667	6.1			20	
Methyl tert-Butyl Ether (MTBE)	1.240174	10.9			20	
Methyl Cyclohexane	0.4844583	7.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Calibration:	2301046	Instrument:	GCMSVOA2
		Calibration Date:	8/22/2023 11:59:17AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.8289869	4.5			20	
4-Methyl-2-pentanone (MIBK)	0.3874748	8.4			20	
Naphthalene	1.601921	8.8			20	
n-Propylbenzene	3.392799	7.6			20	
Styrene	1.798821	10.2			20	
1,1,1,2-Tetrachloroethane	0.563075	14.7			20	
1,1,2,2-Tetrachloroethane	0.6543669	11.4			20	
Tetrachloroethylene	0.259656	11.9			20	
Tetrahydrofuran	0.2281792	3.7			20	
Toluene	1.280736	7.2			20	
1,2,3-Trichlorobenzene	0.5277462	11.5			20	
1,2,4-Trichlorobenzene	0.6572101	11.9			20	
1,3,5-Trichlorobenzene	0.7916624	9.0			20	
1,1,1-Trichloroethane	0.7320261	13.0			20	
1,1,2-Trichloroethane	0.2440284	12.6			20	
Trichloroethylene	0.2887468	10.3			20	
Trichlorofluoromethane (Freon 11)	0.6425119	12.4			20	
1,2,3-Trichloropropane	0.214651	10.2			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3878568	13.4			20	
1,2,3-Trimethylbenzene	2.281923	5.9			20	
1,2,4-Trimethylbenzene	2.189137	7.1			20	
1,3,5-Trimethylbenzene	2.399254	8.3			20	
Vinyl Acetate	1.477437	8.4			20	
Vinyl Chloride	0.6444279	10.8			20	
m+p Xylene	2.16433	5.5			20	
o-Xylene	2.206763	6.7			20	
1,2-Dichloroethane-d4	0.624035	2.3			20	
Toluene-d8	1.261711	1.5			20	
4-Bromofluorobenzene	0.9530317	1.2			20	

INITIAL CALIBRATION STANDARDS

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Sequence:	S075427	Instrument:	GCMSVOA3
Calibration:	2200537		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2007196	8260 STD 10PPB CLP	S075427-TUN1	C22V21909.D	08/08/22 10:18
2006160	0.4ppb 8260 Calibration Standard	S075427-CAL1	C22V21910.D	08/08/22 10:45
2006161	0.5ppb 8260 Calibration Standard	S075427-CAL2	C22V21911.D	08/08/22 11:09
2006162	1ppb 8260 Calibration Standard	S075427-CAL3	C22V21912.D	08/08/22 11:33
2006163	2ppb 8260 Calibration Standard	S075427-CAL4	C22V21913.D	08/08/22 11:58
2006164	5ppb 8260 Calibration Standard	S075427-CAL5	C22V21914.D	08/08/22 12:22
2006165	10ppb 8260 Calibration Standard	S075427-CAL6	C22V21915.D	08/08/22 12:46
2006166	20ppb 8260 Calibration Standard	S075427-CAL7	C22V21916.D	08/08/22 13:10
2006167	50ppb 8260 Calibration Standard	S075427-CAL8	C22V21917.D	08/08/22 13:34
2006168	100ppb 8260 Calibration Standard	S075427-CAL9	C22V21918.D	08/08/22 13:59
2006169	200ppb 8260 Calibration Standard	S075427-CALA	C22V21919.D	08/08/22 14:23
2006167	50ppb 8260 Calibration Standard	S075427-CAL8	C22V21920.D	08/08/22 14:47
2006168	100ppb 8260 Calibration Standard	S075427-CAL9	C22V21921.D	08/08/22 15:11
2006169	200ppb 8260 Calibration Standard	S075427-CALA	C22V21922.D	08/08/22 15:35

C:\msdchem\1\data\C080822\

Date	Filename	Lab ID	Sample Info	
8 Aug 2022	6:52 am	C22V21901.D	BLK	
8 Aug 2022	7:28 am	C22V21902.D	22H0307-02 @ 100X	
8 Aug 2022	7:52 am	C22V21903.D	22H0307-03 @ 100X	
8 Aug 2022	8:16 am	C22V21904.D	22H0307-04 @ 100X	
8 Aug 2022	8:40 am	C22V21905.D	22H0364-01 @ 100X	
8 Aug 2022	9:04 am	C22V21906.D	22H0345-02 @ 100X	
8 Aug 2022	9:30 am	C22V21907.D	22H0353-05 @ 100X	
8 Aug 2022	9:54 am	C22V21908.D	22H0364-02 @ 100X	
8 Aug 2022	10:18 am	C22V21909.D	BFB	
8 Aug 2022	10:45 am	C22V21910.D	8260STD 0.4PPB 2206105	
8 Aug 2022	11:09 am	C22V21911.D	8260STD 0.5PPB 2206105	
8 Aug 2022	11:33 am	C22V21912.D	8260STD 1.0PPB 2206105	
8 Aug 2022	11:58 am	C22V21913.D	8260STD 2.0PPB 2206105	
8 Aug 2022	12:22 pm	C22V21914.D	8260STD 5.0PPB 2206105	
8 Aug 2022	12:46 pm	C22V21915.D	8260STD 10PPB 2206105	
8 Aug 2022	1:10 pm	C22V21916.D	8260STD 20PPB 2206105	
8 Aug 2022	1:34 pm	C22V21917.D	8260STD 50PPB 2206105	
8 Aug 2022	1:59 pm	C22V21918.D	8260STD 100PPB 2206105	
8 Aug 2022	2:23 pm	C22V21919.D	8260STD 200PPB 2206105	
8 Aug 2022	2:47 pm	C22V21920.D	ETOH500PPB	
8 Aug 2022	3:11 pm	C22V21921.D	ETOH1000PPB	
8 Aug 2022	3:35 pm	C22V21922.D	ETOH2000PPB	
8 Aug 2022	3:59 pm	C22V21923.D	BLK	
8 Aug 2022	4:23 pm	C22V21924.D	BLK	
8 Aug 2022	4:48 pm	C22V21925.D	BLK	
8 Aug 2022	5:12 pm	C22V21926.D	ICV 2208129	
8 Aug 2022	5:36 pm	C22V21927.D	CHECKICV 2208129	
8 Aug 2022	6:00 pm	C22V21928.D	BLK	
8 Aug 2022	6:24 pm	C22V21929.D	PRIME	
8 Aug 2022	6:48 pm	C22V21930.D	8260STD 10PPB 2206105	
8 Aug 2022	7:12 pm	C22V21931.D	B0-BS1	
8 Aug 2022	7:37 pm	C22V21932.D	B0-BSD1	
8 Aug 2022	8:01 pm	C22V21933.D	B0-BS1 @ HCL	
8 Aug 2022	8:25 pm	C22V21934.D	BLK	
8 Aug 2022	8:49 pm	C22V21935.D	B0-BLK1 @ HCL	
8 Aug 2022	9:13 pm	C22V21936.D	22H0307-05	
8 Aug 2022	9:37 pm	C22V21937.D	22H0267-01 @ 50X M	50
8 Aug 2022	10:01 pm	C22V21938.D	22H0267-02 @ 50X M	50
8 Aug 2022	10:25 pm	C22V21939.D	22H0267-03 @ 50X M	50
8 Aug 2022	10:49 pm	C22V21940.D	22H0267-04 @ 50X M	50
8 Aug 2022	11:13 pm	C22V21941.D	22H0267-05 @ 50X M	50
8 Aug 2022	11:37 pm	C22V21942.D	22H0316-01	
9 Aug 2022	12:01 am	C22V21943.D	22H0316-02	
9 Aug 2022	12:25 am	C22V21944.D	BLK	
9 Aug 2022	12:49 am	C22V21945.D	22H0307-03	
9 Aug 2022	1:13 am	C22V21946.D	22H0307-01 @ 20X	20
9 Aug 2022	1:37 am	C22V21947.D	22H0307-02 @ 2X	2
9 Aug 2022	2:01 am	C22V21948.D	22H0307-04 @ 2X	2
9 Aug 2022	2:25 am	C22V21949.D	BLK	
9 Aug 2022	2:49 am	C22V21950.D	22H0369-01	
9 Aug 2022	3:13 am	C22V21951.D	22H0369-03	
9 Aug 2022	3:37 am	C22V21952.D	22H0369-05	
9 Aug 2022	4:01 am	C22V21953.D	22H0369-06	
9 Aug 2022	4:25 am	C22V21954.D	22H0369-02	
9 Aug 2022	4:49 am	C22V21955.D	22H0369-04	
9 Aug 2022	5:13 am	C22V21956.D	CLEAN UP	

Response Factor Report GCMSVOA3

Method Path : C:\msdchem\1\methods\
Method File : C080822.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Tue Aug 09 06:47:59 2022
Response Via : Initial Calibration

Calibration Files
0.4 =C22V21910.D 0.5 =C22V21911.D 1.0 =C22V21912.D 2.0 =C22V21913.D 5.0 =C22V21914.D 10 =C22V21915.D 20 =C22V21916.D
50 =C22V21917.D 100 =C22V21918.D 200 =C22V21919.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.574	0.567	0.569	0.574	0.570	0.570	0.561	0.552	0.549	0.543	0.563	1.98
3)		DICHLORODIFLUO...	0.380	0.335	0.449	0.444	0.429	0.440	0.473	0.472	0.462	0.458	0.434	10.14
4)		DIFLUOROCHLORO...	0.549	0.501	0.531	0.566	0.569	0.584	0.614	0.609	0.597	0.602	0.572	6.43
5)	P	CHLOROMETHANE	0.839	0.817	0.836	0.804	0.730	0.641	0.614	0.584	0.595	0.636	0.710	14.99
6)	C	VINYL CHLORIDE	0.479	0.428	0.500	0.514	0.538	0.538	0.568	0.561	0.550	0.546	0.522	8.24#
7)		BROMOMETHANE				0.358	0.306	0.285	0.240	0.352	0.307	0.309	0.308	13.03
8)		CHLOROETHANE	0.343	0.343	0.382	0.384	0.370	0.385	0.366	0.358	0.340	0.329	0.360	5.65
9)		FLUORODICHLORO...	0.805	0.716	0.834	0.855	0.855	0.873	0.890	0.872	0.853	0.847	0.840	5.88
10)		TRICHLOROFLUOR...	0.584	0.498	0.622	0.657	0.645	0.673	0.698	0.687	0.669	0.657	0.639	9.31
11)		ETHANOL				0.014	0.009	0.010	0.010	0.010	0.009	0.009	0.010	17.65
12)		DI ETHYL ETHER	0.300	0.289	0.375	0.373	0.392	0.398	0.404	0.400	0.393	0.389	0.371	11.24
13)		ACROLEIN	0.079	0.077	0.085	0.085	0.091	0.094	0.098	0.096	0.101	0.109	0.091	11.09
14)		ACETONE	0.196	0.185	0.189	0.176	0.184	0.180	0.181	0.179	0.176	0.175	0.182	3.70
15)	C	1,1-DICHLOROET...	0.577	0.575	0.642	0.674	0.651	0.667	0.693	0.688	0.668	0.666	0.650	6.43#
16)		1,1,2-TRICL-1,...	0.340	0.282	0.393	0.400	0.389	0.386	0.404	0.400	0.396	0.386	0.378	10.08
17)		IODOMETHANE			0.382	0.432	0.493	0.526	0.578	0.619	0.646	0.661	0.542	18.78
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	0.877	0.683	0.749	0.712	0.718	0.681	0.695	0.669	0.654	0.649	0.709	9.36
21)		T-BUTYL ALCOHOL	0.070	0.061	0.068	0.073	0.070	0.074	0.075	0.076	0.076	0.077	0.072	6.98
22)		ACRYLONITRILE	0.181	0.173	0.223	0.215	0.233	0.251	0.233	0.247	0.251	0.254	0.226	12.76
23)		METHYLENE CHLO...	0.572	0.587	0.659	0.642	0.671	0.676	0.683	0.660	0.646	0.632	0.643	5.80
24)		CARBON DISULFIDE	1.070	1.048	1.207	1.278	1.303	1.339	1.386	1.373	1.358		1.262	10.12
25)		METHYL TERT-BU...	1.163	1.270	1.413	1.391	1.405	1.487	1.462	1.536	1.497	1.504	1.413	8.23
26)		TRANS 1,2-DICH...	0.516	0.586	0.633	0.600	0.594	0.656	0.630	0.661	0.648	0.654	0.618	7.25
27)	P	1,1-DICHLOROET...	0.680	0.730	0.782	0.788	0.798	0.800	0.825	0.833	0.817	0.825	0.788	6.13
28)		VINYL ACETATE	1.056	1.030	1.235	1.297	1.367	1.418	1.458	1.484	1.474	1.306	1.313	12.50
29)		DI ISOPROYL ETHER	1.301	1.344	1.494	1.557	1.573	1.608	1.663	1.681	1.675	1.691	1.559	8.98
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.200	0.196	0.239	0.250	0.278	0.281	0.289	0.299	0.297	0.304	0.263	15.33
32)		T-BUTYL ETHYL ...	1.137	1.175	1.318	1.358	1.393	1.455	1.478	1.504	1.501	1.516	1.383	9.91
33)		CIS-1,2-DICHLO...	0.591	0.561	0.657	0.677	0.688	0.715	0.735	0.745	0.743	0.751	0.686	9.70
34)		2,2-DICHLOROPR...	0.506	0.532	0.613	0.620	0.608	0.610	0.619	0.673	0.653	0.655	0.609	8.66
35)		ETHYL ACETATE	0.666	0.657	0.727	0.685	0.598	0.621	0.613	0.642	0.658	0.641	0.651	5.77
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.294	0.324	0.375	0.406	0.426	0.427	0.436	0.412	0.366	0.328	0.379	13.16
39)		TETRAHYDROFURAN			0.159	0.168	0.181	0.197	0.191	0.200	0.200	0.205	0.188	8.92
40)	C	CHLOROFORM	0.686	0.653	0.700	0.743	0.779	0.796	0.806	0.812	0.804	0.812	0.759	7.84#
41)		1,1,1-TRICHLOR...	0.510	0.551	0.607	0.627	0.651	0.668	0.675	0.678	0.674	0.683	0.632	9.43
42)		CYCLOHEXANE				0.890	0.720	0.676	0.688	0.667	0.658	0.658	0.708	11.74
43)		CARBON TETRACH...	0.443	0.410	0.511	0.515	0.530	0.546	0.569	0.584	0.581	0.594	0.528	11.63

Method Path : C:\msdchem\1\methods\
Method File : C080822.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

44)		1,1-DICHLOROPR...	0.486	0.397	0.546	0.544	0.557	0.569	0.591	0.591	0.593	0.599	0.547	11.47
45)		BENZENE	1.581	1.485	1.629	1.646	1.641	1.704	1.751	1.746	1.740	1.754	1.668	5.33
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.058	1.066	1.235	1.300	1.339	1.349	1.418	1.442	1.445	1.472	1.312	11.49
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.193	1.186	1.169	1.181	1.196	1.194	1.199	1.191	1.180	1.193	1.188	0.78
50)		1,2-DICHLOROET...	0.352	0.351	0.406	0.423	0.445	0.450	0.459	0.466	0.458	0.466	0.428	10.38
51)		TRICHLOROETHENE	0.235	0.211	0.268	0.283	0.270	0.290	0.297	0.306	0.300	0.309	0.277	11.52
52)		METHYLCYCLOHEXANE	0.273	0.232	0.328	0.342	0.327	0.335	0.363	0.371	0.365	0.373	0.331	13.88
53)	C	1,2-DICHLOROPR...	0.278	0.243	0.277	0.313	0.308	0.318	0.319	0.335	0.327	0.345	0.306	10.13#
54)		DIBROMOMETHANE	0.156	0.164	0.185	0.188	0.202	0.215	0.217	0.223	0.220	0.227	0.200	12.68
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	10.93
57)		BROMODICHLOROM...	0.293	0.300	0.384	0.386	0.403	0.416	0.428	0.440	0.438	0.454	0.394	14.27
58)		2-CHLOROETHYLV...			0.125	0.130	0.153	0.158	0.173	0.182	0.186	0.199	0.163	16.34
59)		MIBK	0.345	0.339	0.371	0.378	0.409	0.425	0.446	0.459	0.460	0.481	0.411	12.36
60)		CIS-1,3-DICHLO...	0.388	0.370	0.455	0.451	0.464	0.489	0.507	0.533	0.528	0.550	0.473	12.72
61)	C	TOLUENE	1.054	1.053	1.138	1.195	1.170	1.211	1.264	1.289	1.271	1.307	1.195	7.71#
62)		TRANS-1,3,-DIC...	0.292	0.317	0.365	0.387	0.413	0.429	0.448	0.466	0.470	0.495	0.408	16.50
63)		ETHYL METHACRY...											0.000	-1.00
64)		1,1,2-TRICHLOR...	0.225	0.204	0.263	0.281	0.290	0.291	0.301	0.310	0.310	0.322	0.280	13.74
65)		2-HEXANONE	0.226	0.214	0.251	0.252	0.283	0.298	0.315	0.327	0.332	0.346	0.284	16.36
66)		TETRACHLOROETHENE	0.184	0.219	0.262	0.287	0.295	0.298	0.306	0.316	0.316	0.324	0.281	16.43
67)		1,3-DICHLOROPR...	0.360	0.399	0.457	0.498	0.506	0.529	0.543	0.558	0.554	0.572	0.497	14.36
68)		DIBROMOCHLOROM...	0.303	0.262	0.308	0.315	0.334	0.346	0.358	0.370	0.375	0.394	0.336	11.93
69)		1,2-DIBROMOETHANE	0.209	0.200	0.274	0.294	0.311	0.320	0.337	0.342	0.345	0.361	0.299	18.76
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.877	0.887	0.870	0.877	0.894	0.877	0.891	0.894	0.902	0.924	0.889	1.77
72)	T	CHLOROBENZENE	1.363	1.300	1.479	1.518	1.568	1.649	1.683	1.732	1.728	1.743	1.576	10.06
73)		1,1,1,2-TETRAC...	0.467	0.466	0.567	0.550	0.583	0.604	0.633	0.650	0.653	0.671	0.584	12.55
74)	C	ETHYLBENZENE	2.113	1.971	2.368	2.457	2.541	2.704	2.761	2.853	2.850	2.872	2.549	12.55#
75)		M/P-XYLENES	1.593	1.613	1.825	1.969	1.939	2.067	2.134	2.249	2.229	2.285	1.990	12.62
76)		0-XYLENE	1.643	1.623	1.956	2.041	2.094	2.227	2.283	2.348	2.339	2.391	2.095	13.44
77)		STYRENE	1.231	1.320	1.474	1.549	1.662	1.808	1.868	1.940	1.952	2.027	1.683	16.63
78)	P	BROMOFORM		0.320	0.457	0.473	0.520	0.530	0.565	0.591	0.617	0.639	0.523	18.74
79)		ISOPROPYLBENZENE	1.988	1.862	2.188	2.371	2.375	2.517	2.584	2.678	2.663	2.726	2.395	12.50
80)		CIS-1,4-DICHLO...											0.000	-1.00
81)	P	1,1,2,2-TETRAC...	0.719	0.685	0.821	0.921	0.943	0.965	1.001	1.036	1.037	1.050	0.918	14.47
82)		1,4-DICHLORO-2...			0.183	0.234	0.212	0.225	0.239	0.267	0.275	0.283	0.240	14.15
83)		BROMOBENZENE	0.873	0.914	1.031	1.025	0.986	1.043	1.102	1.129	1.156	1.193	1.045	9.86
84)		1,2,3-TRICHLOR...	0.610	0.800	0.845	0.689	0.722	0.703	0.744	0.790	0.796	0.828	0.753	9.65
85)		N-PROPYLBENZENE	2.061	2.075	2.501	2.545	2.641	2.796	2.923	3.043	3.047	3.150	2.678	14.52
86)		2-CHLOROT0LUENE	1.465	1.539	1.543	1.617	1.741	1.846	1.878	1.933	1.922	1.979	1.746	10.91
87)		1,3,5-TRIMETHY...	1.711	1.525	1.805	1.824	1.915	2.047	2.100	2.195	2.201	2.314	1.964	12.72
88)		4-CHLOROTOLUENE	1.474	1.432	1.935	1.953	1.914	2.042	2.170	2.236	2.295	2.399	1.985	16.30
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	1.455	1.321	1.607	1.598	1.600	1.653	1.725	1.718	1.693	1.698	1.607	8.01
91)		1,2,4-TRIMETHY...	1.721	1.659	1.947	1.915	1.949	2.086	2.091	2.144	2.115	2.121	1.975	8.69
92)		SEC-BUTYLBENZENE	1.801	1.692	2.174	2.156	2.112	2.263	2.316	2.329	2.286	2.305	2.143	10.40
93)		1,3-DICHLOROBE...	0.939	0.959	1.138	1.184	1.188	1.269	1.294	1.321	1.316	1.323	1.193	12.08

Method Path : C:\msdchem\1\methods\
Method File : C080822.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

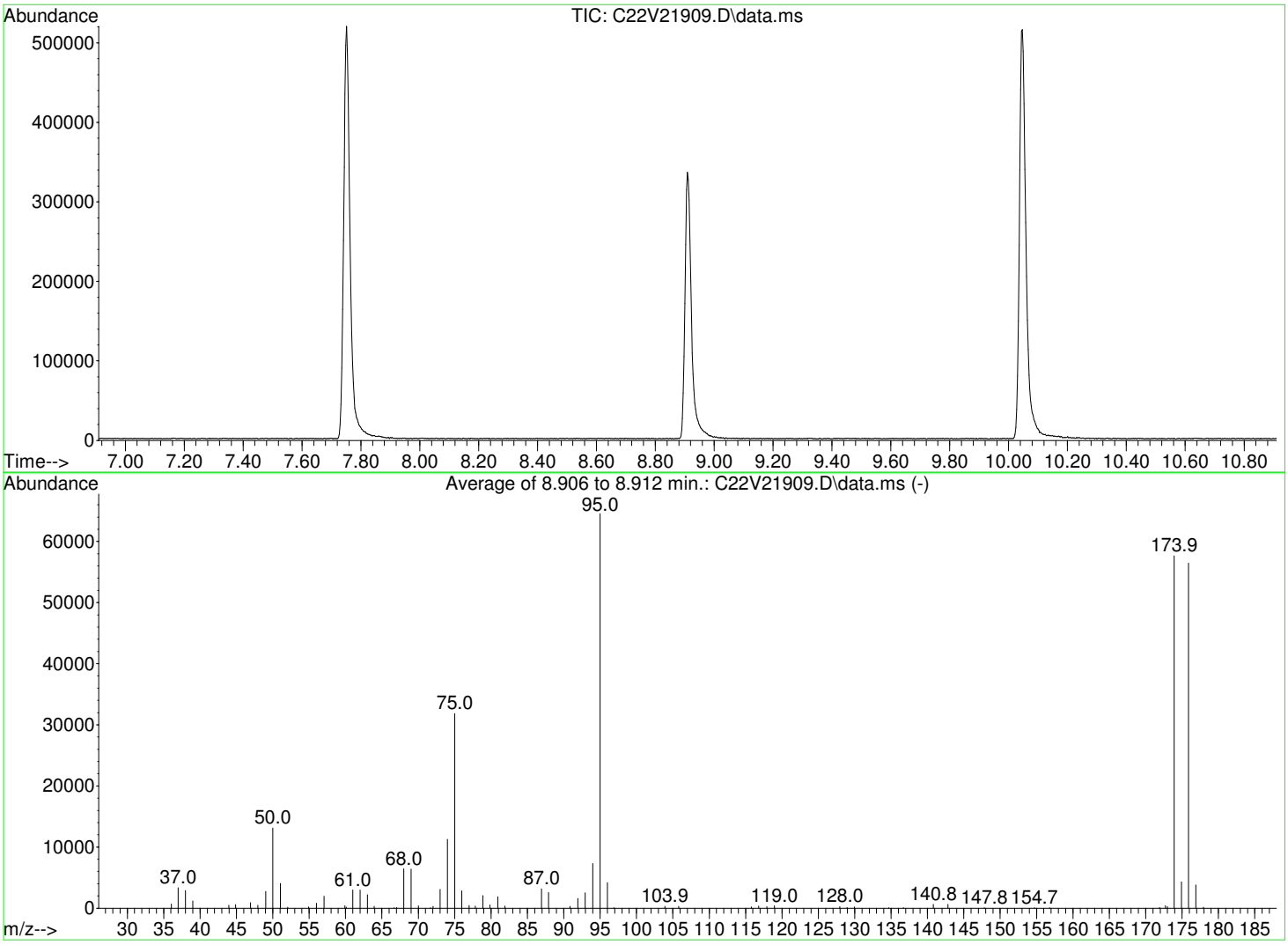
94)	P-ISOPROPYLTOL...	1.558	1.512	1.787	1.817	1.863	1.884	1.975	2.011	1.999	2.015	1.842	9.85
95)	1,4-DICHLOROBE...	1.059	1.090	1.322	1.240	1.298	1.265	1.339	1.353	1.355	1.386	1.271	8.84
96)	1,2,3-TRIMETHY...	1.883	1.770	2.150	2.212	2.239	2.303	2.366	2.351	2.311	2.306	2.189	9.30
97)	N-BUTYLBENZENE		1.074	1.229	1.443	1.505	1.603	1.718	1.778	1.784	1.814	1.550	16.92
98)	1,2-DICHLOROBE...	0.962	0.963	1.078	1.203	1.272	1.287	1.327	1.342	1.344	1.359	1.214	12.91
99)	1,2-DIBROMO-3-...			0.133	0.140	0.165	0.164	0.171	0.178	0.184	0.185	0.165	11.79
100)	1,3,5-TRICHLOR...		0.439	0.675	0.678	0.752	0.762	0.812	0.836	0.851	0.867	0.741	18.00
101)	1,2,4-TRICHLOR...			0.464	0.546	0.623	0.671	0.718	0.785	0.804	0.821	0.679	18.94
102)	HEXACHLOROBUTA...		0.174	0.226	0.296	0.296	0.305	0.314	0.309	0.319	0.329	0.285	17.86
103)	NAPHTHALENE				1.429	1.654	1.863	2.062	2.366	2.437	2.441	2.036	19.84
104)	1,2,3-TRICHLOR...			0.483	0.522	0.635	0.641	0.695	0.773	0.782	0.779	0.664	17.46

(#) = Out of Range

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21909.D
Acq On : 8 Aug 2022 10:18 am
Operator :
Sample : BFB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\methods\C080822.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Tue Aug 09 06:47:59 2022



AutoFind: Scans 2823, 2824, 2825; Background Corrected with Scan 2812

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	13103	PASS
75	95	30	60	49.3	31856	PASS
95	95	100	100	100.0	64555	PASS
96	95	5	9	6.5	4167	PASS
173	174	0.00	2	0.6	373	PASS
174	95	50	100	89.4	57683	PASS
175	174	5	9	7.5	4323	PASS
176	174	95	101	97.9	56467	PASS
177	176	5	9	6.8	3816	PASS

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.191	168	194735	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	289669	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	141710	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	133895	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	93218	25.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.80%				
49) TOLUENE SS	6.352	98	288071	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103625	24.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	987	0.31	UG/L	#	43
4) DIFLUOROCHLOROMETHANE	1.093	51	1425	0.38	UG/L	#	100
5) CHLOROMETHANE	1.193	50	2178	0.51	UG/L	#	22
6) VINYL CHLORIDE	1.263	62	1244	0.37	UG/L	#	51
7) BROMOMETHANE	1.452	94	1504m	0.81	UG/L		
8) CHLOROETHANE	1.514	64	891m	0.48	UG/L		
9) FLUORODICHLOROMETHANE	1.642	67	2091	0.41	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.676	101	1517	0.40	UG/L		96
12) DI ETHYL ETHER	1.865	59	778	0.32	UG/L		91
13) ACROLEIN	1.957	56	2054	2.56	UG/L		99
14) ACETONE	2.069	43	5099	4.17	UG/L		90
15) 1,1-DICHLOROETHENE	2.021	61	1499	0.40	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	882	0.43	UG/L		98
17) IODOMETHANE	2.138	142	8089	2.62	UG/L		97
20) METHYL ACETATE	2.317	43	2277	0.60	UG/L	#	64
21) T-BUTYL ALCOHOL	2.507	59	1811m	3.85	UG/L		
22) ACRYLONITRILE	2.615	53	469m	0.29	UG/L		
23) METHYLENE CHLORIDE	2.395	49	1484	0.37	UG/L		98
24) CARBON DISULFIDE	2.191	76	27788	3.82	UG/L		97
25) METHYL TERT-BUTYL ETHE...	2.635	73	3020m	0.36	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.629	61	1341	0.34	UG/L	#	81
27) 1,1-DICHLOROETHANE	3.039	63	1765	0.34	UG/L	#	51
28) VINYL ACETATE	3.114	43	27429	2.73	UG/L		99
29) DI ISOPROYL ETHER	3.131	45	3378	0.30	UG/L	#	87
31) 2-BUTANONE	3.695	43	5184	2.36	UG/L	#	93
32) T-BUTYL ETHYL ETHER	3.502	59	2951m	0.31	UG/L		
33) CIS-1,2-DICHLOROETHENE	3.642	61	1535	0.34	UG/L	#	46
34) 2,2-DICHLOROPROPANE	3.633	77	1313	0.34	UG/L	#	47
35) ETHYL ACETATE	3.781	43	1728m	0.39	UG/L		
38) BROMOCHLOROMETHANE	3.884	49	764	0.28	UG/L	#	18
39) TETRAHYDROFURAN	3.965	42	300m	0.23	UG/L		
40) CHLOROFORM	3.973	83	1781	0.37	UG/L	#	80
41) 1,1,1-TRICHLOROETHANE	4.141	97	1325	0.34	UG/L	#	88
42) CYCLOHEXANE	4.191	56	5046	1.10	UG/L	#	43
43) CARBON TETRACHLORIDE	4.311	117	1149	0.35	UG/L	#	3
44) 1,1-DICHLOROPROPENE	4.316	75	1261	0.35	UG/L	#	39
45) BENZENE	4.514	78	4104m	0.37	UG/L		
47) T-AMYLMETHYL ETHER	4.654	73	2747	0.33	UG/L	#	72
50) 1,2-DICHLOROETHANE	4.548	62	1359	0.34	UG/L	#	74
51) TRICHLOROETHENE	5.167	95	909	0.36	UG/L	#	75
52) METHYLCYCLOHEXANE	5.340	83	1053	0.30	UG/L	#	60
53) 1,2-DICHLOROPROPANE	5.393	63	1075m	0.35	UG/L		
54) DIBROMOMETHANE	5.496	93	602	0.32	UG/L	#	45

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

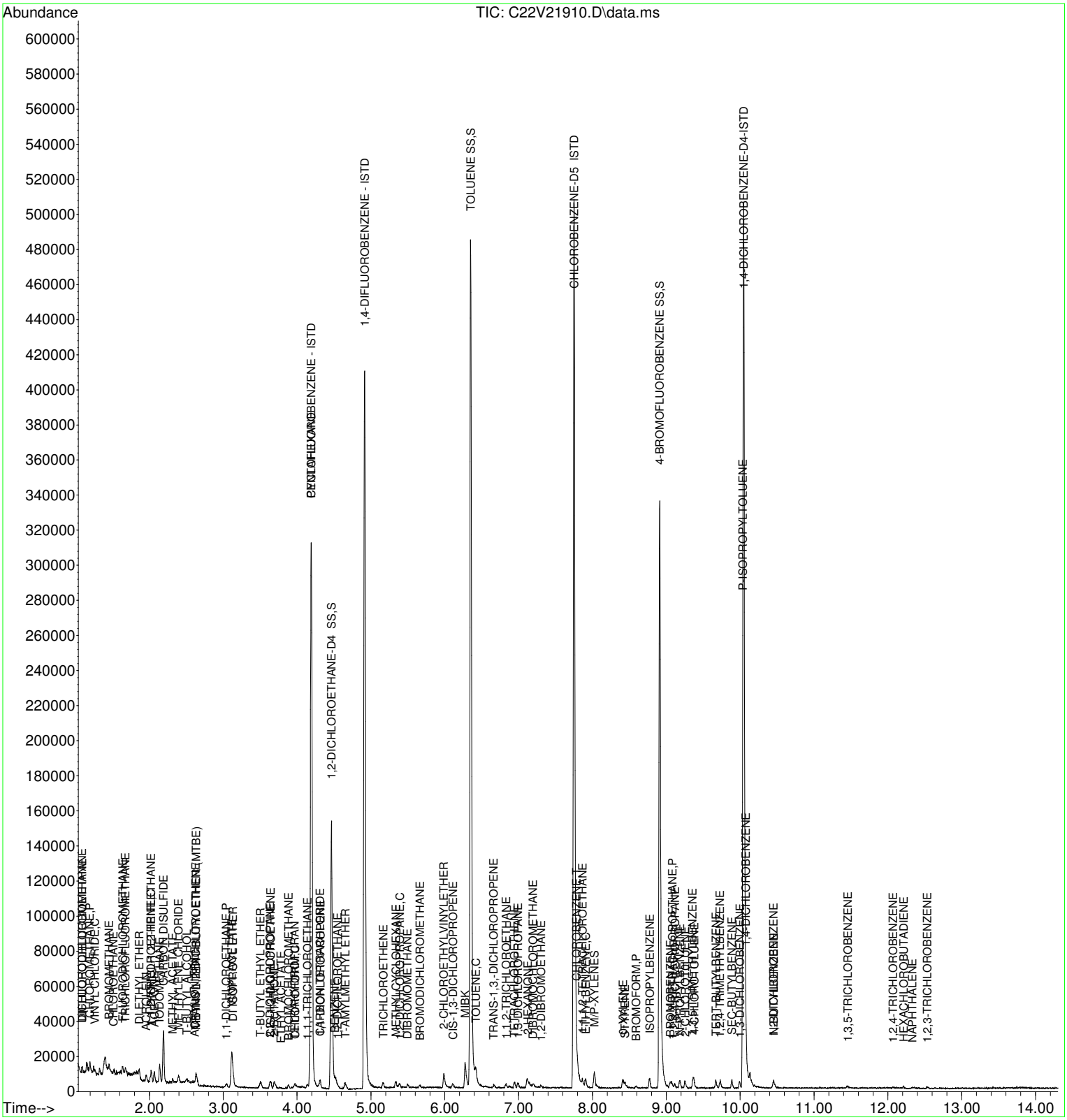
Quant Time: Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
57) BROMODICHLOROMETHANE	5.663	83	1131	0.31 UG/L #	95
58) 2-CHLOROETHYLVINYLETHER	5.987	63	3813m	2.56 UG/L	
59) MIBK	6.277	43	13328m	2.96 UG/L	
60) CIS-1,3-DICHLOROPROPENE	6.112	75	1497m	0.32 UG/L	
61) TOLUENE	6.422	91	4069m	0.36 UG/L	
62) TRANS-1,3,-DICHLOROPRO...	6.662	75	1127m	0.27 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.829	97	870	0.33 UG/L #	15
65) 2-HEXANONE	7.122	43	8733m	2.70 UG/L	
66) TETRACHLOROETHENE	6.943	166	711m	0.27 UG/L	
67) 1,3-DICHLOROPROPANE	6.991	76	1390m	0.28 UG/L	
68) DIBROMOCHLOROMETHANE	7.194	129	1170m	0.39 UG/L	
69) 1,2-DIBROMOETHANE	7.306	107	807	0.27 UG/L	90
72) CHLOROBENZENE	7.783	112	2576	0.37 UG/L #	73
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	883	0.35 UG/L #	65
74) ETHYLBENZENE	7.908	91	3993	0.33 UG/L	91
75) M/P-XYLENES	8.025	91	6020	0.66 UG/L #	65
76) 0-XYLENE	8.413	91	3105	0.33 UG/L	98
77) STYRENE	8.438	104	2326m	0.31 UG/L	
78) BROMOFORM	8.591	173	503m	0.23 UG/L	
79) ISOPROPYLBENZENE	8.775	105	3756	0.34 UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.082	83	1358	0.33 UG/L #	87
83) BROMOBENZENE	9.054	77	1649m	0.33 UG/L	
84) 1,2,3-TRICHLOROPROPANE	9.116	75	1153m	0.33 UG/L	
85) N-PROPYLBENZENE	9.185	91	3894	0.30 UG/L #	51
86) 2-CHLOROT0LUENE	9.255	91	2769	0.34 UG/L #	39
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	3232	0.36 UG/L	92
88) 4-CHLOROTOLUENE	9.378	91	2786	0.30 UG/L	89
90) TERT-BUTYLBENZENE	9.673	119	2597	0.36 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	3073	0.34 UG/L	92
92) SEC-BUTYLBENZENE	9.888	105	3215	0.32 UG/L #	55
93) 1,3-DICHLOROBENZENE	9.997	146	1676	0.32 UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	2782	0.32 UG/L #	86
95) 1,4-DICHLOROBENZENE	10.075	146	1891	0.34 UG/L #	44
97) N-BUTYLBENZENE	10.454	91	1989m	0.25 UG/L	
98) 1,2-DICHLOROBENZENE	10.451	146	1717	0.32 UG/L #	54
100) 1,3,5-TRICHLOROBENZENE	11.455	180	778m	0.21 UG/L	
101) 1,2,4-TRICHLOROBENZENE	12.066	180	450m	0.13 UG/L	
102) HEXACHLOROBUTADIENE	12.211	225	343m	0.26 UG/L	
103) NAPHTHALENE	12.331	128	1432m	0.14 UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.534	180	532m	0.16 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

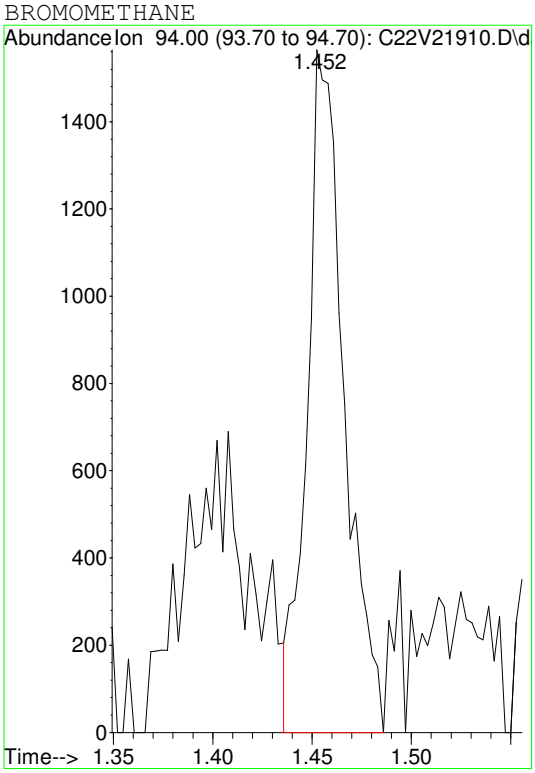
Quant Time: Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOMETHANE



Original Int. Results

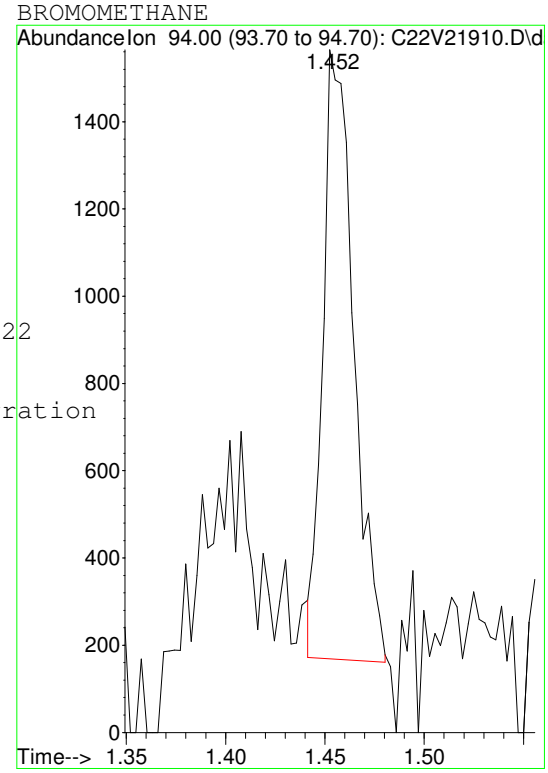
RT : 1.45
Area : 2018
Amount: 1.09191

Manual Int. Results

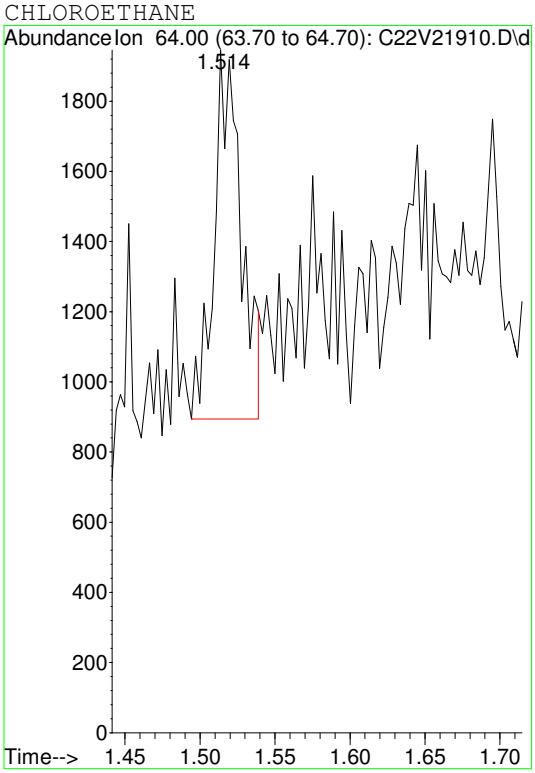
Mon Aug 08 12:12:02 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.45
Area : 1504
Amount: 0.813796

Manual Integration
BROMOMETHANE



Original Integration
CHLOROETHANE



Original Int. Results

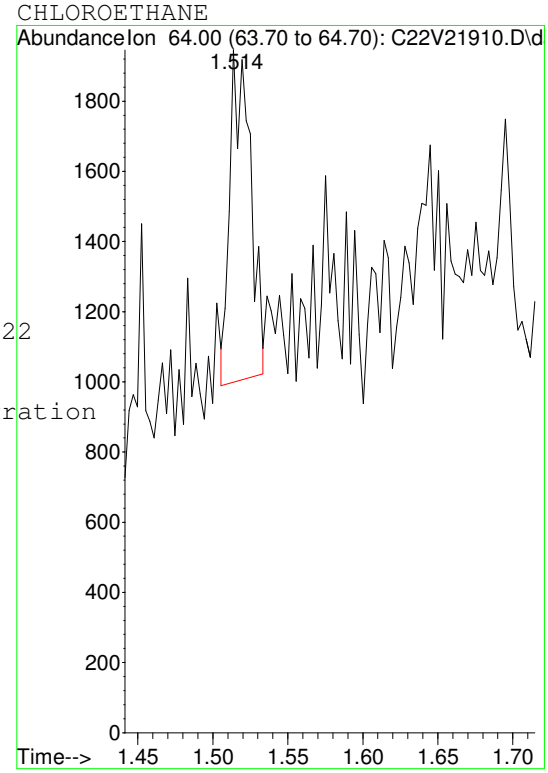
RT : 1.51
Area : 1315
Amount: 0.703036

Manual Int. Results

Mon Aug 08 12:12:10 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.51
Area : 891
Amount: 0.476354

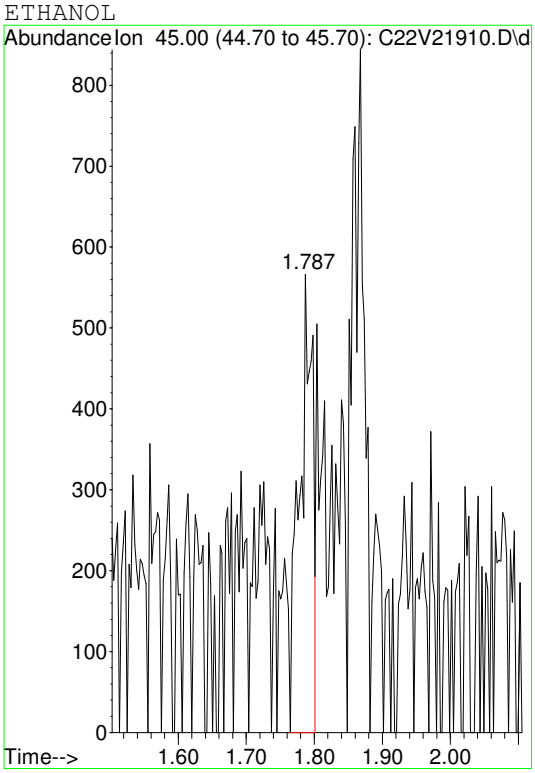
Manual Integration
CHLOROETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ETHANOL



Original Int. Results

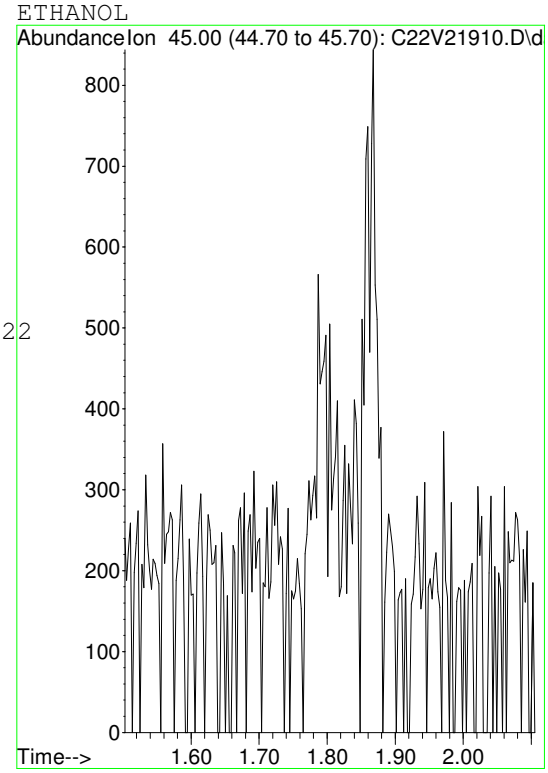
RT : 1.79
Area : 753
Amount: 11.3455

Manual Int. Results

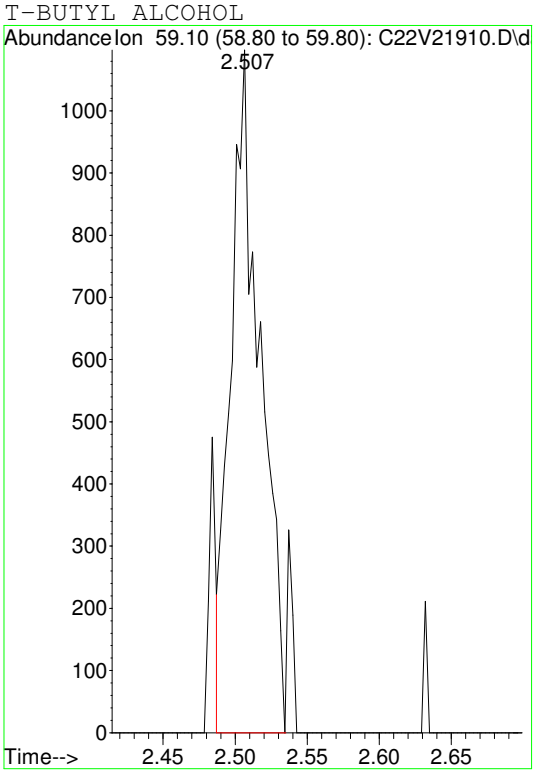
Mon Aug 08 12:12:15 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
T-BUTYL ALCOHOL



Original Int. Results

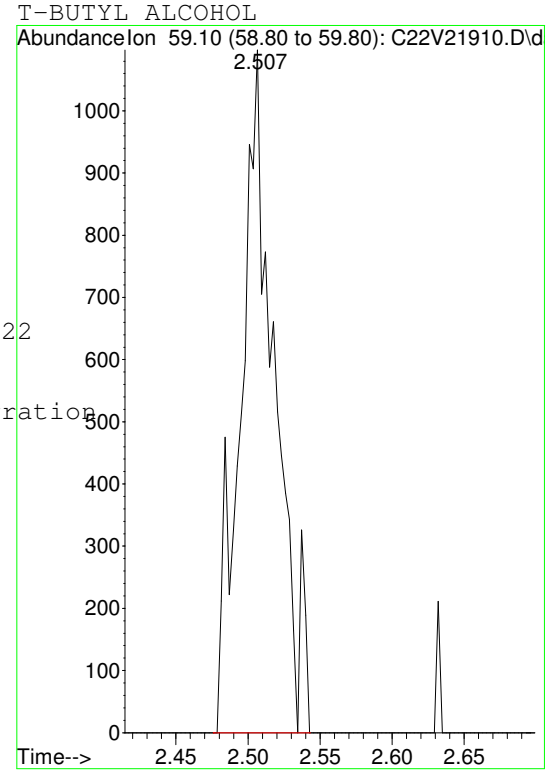
RT : 2.51
Area : 1572
Amount: 3.34549

Manual Int. Results

Mon Aug 08 12:12:29 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.51
Area : 1811
Amount: 3.85413

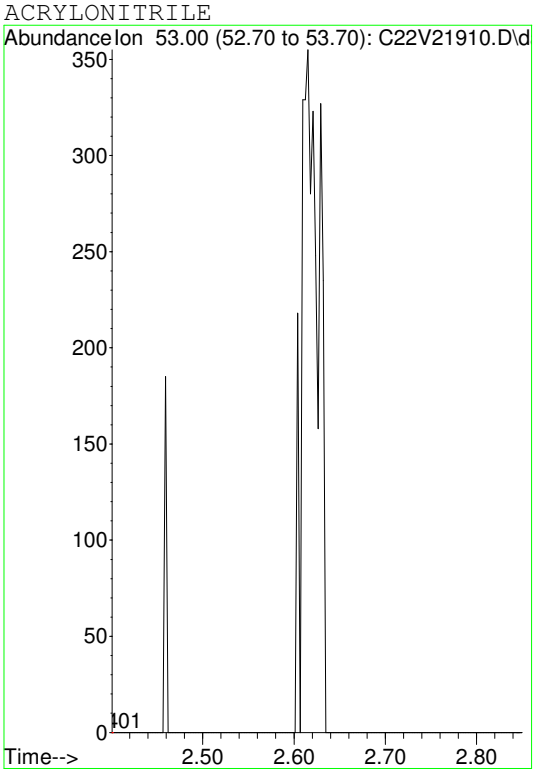
Manual Integration
T-BUTYL ALCOHOL



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ACRYLONITRILE



Original Int. Results

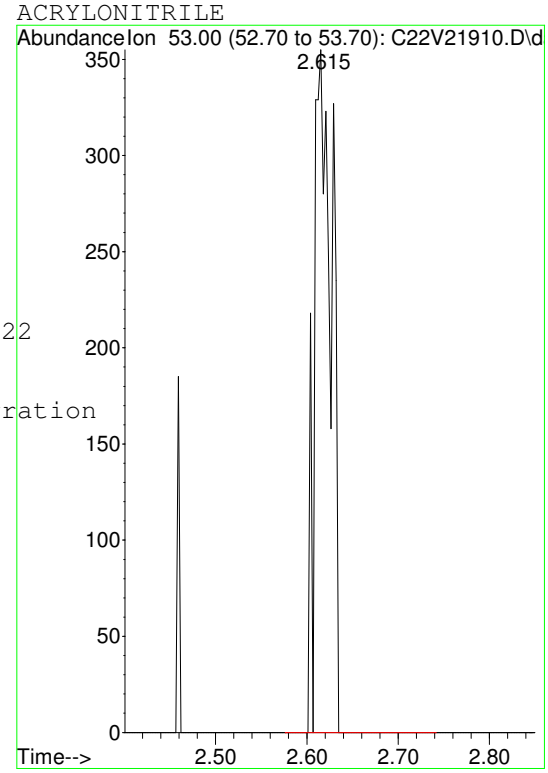
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

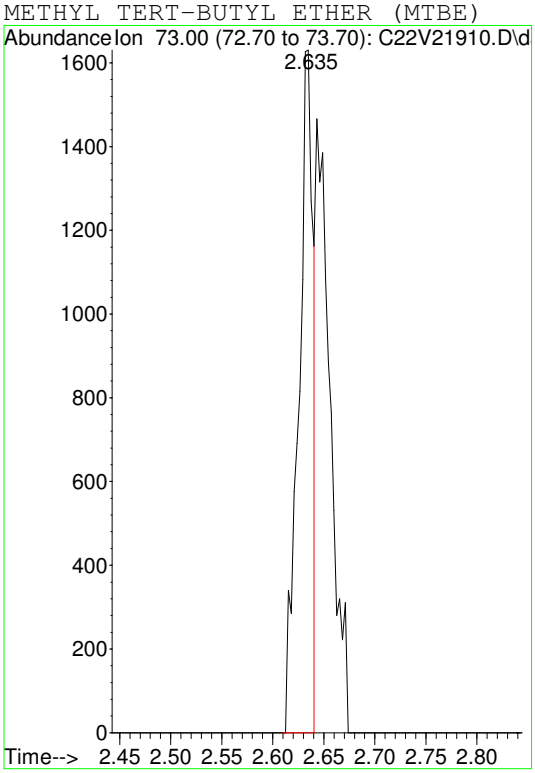
Mon Aug 08 12:12:31 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.62
Area : 469
Amount: 0.290844

Manual Integration
ACRYLONITRILE



Original Integration
METHYL TERT-BUTYL ETHER (MTBE)



Original Int. Results

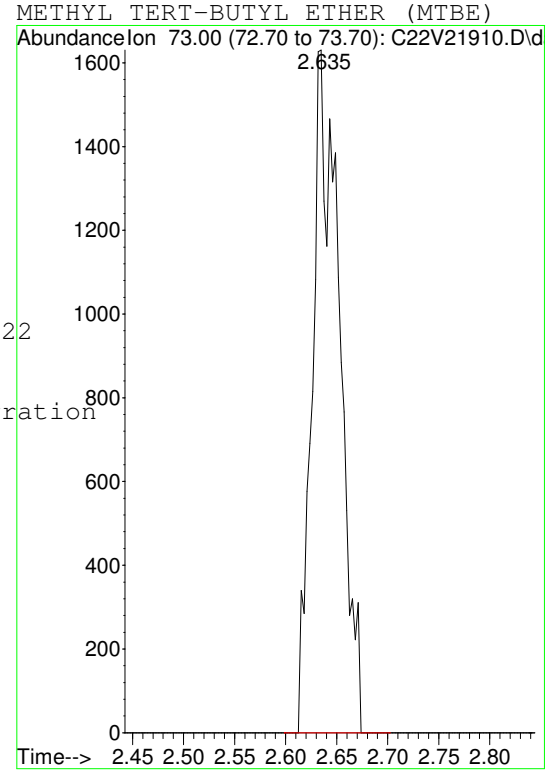
RT : 2.63
Area : 1586
Amount: 0.186439

Manual Int. Results

Mon Aug 08 12:12:35 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.63
Area : 3020
Amount: 0.35501

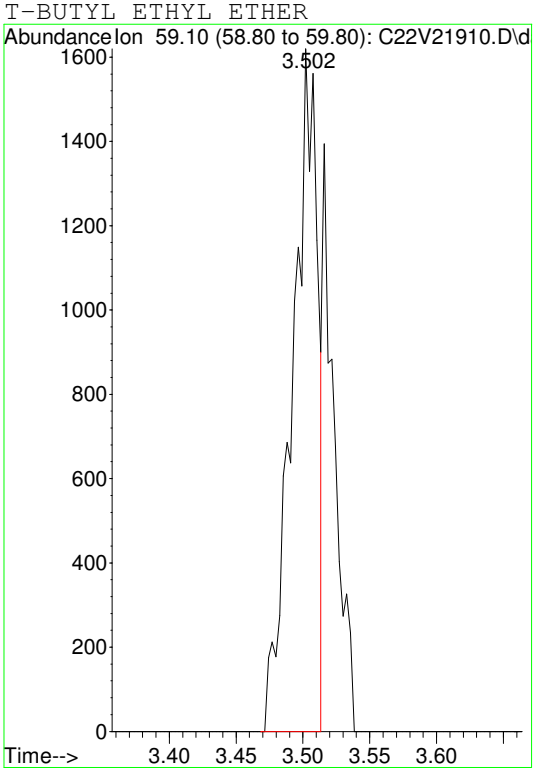
Manual Integration
METHYL TERT-BUTYL ETHER (MTBE)



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

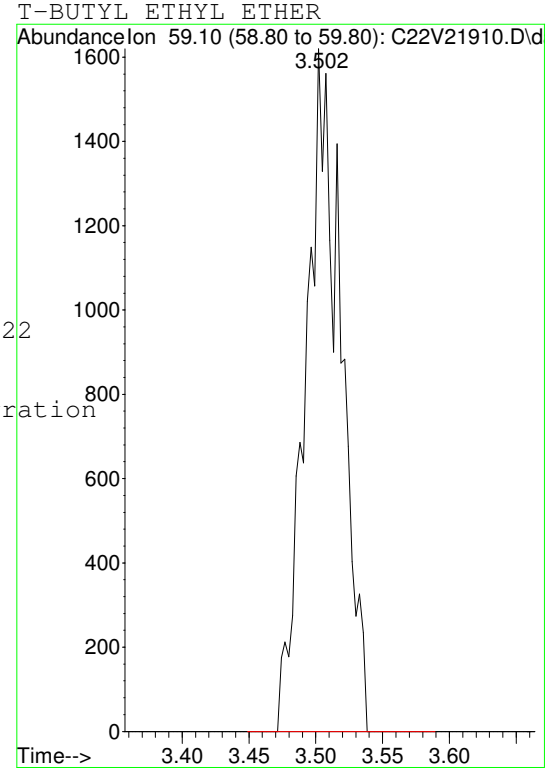
RT : 3.50
Area : 2103
Amount: 0.223231

Manual Int. Results

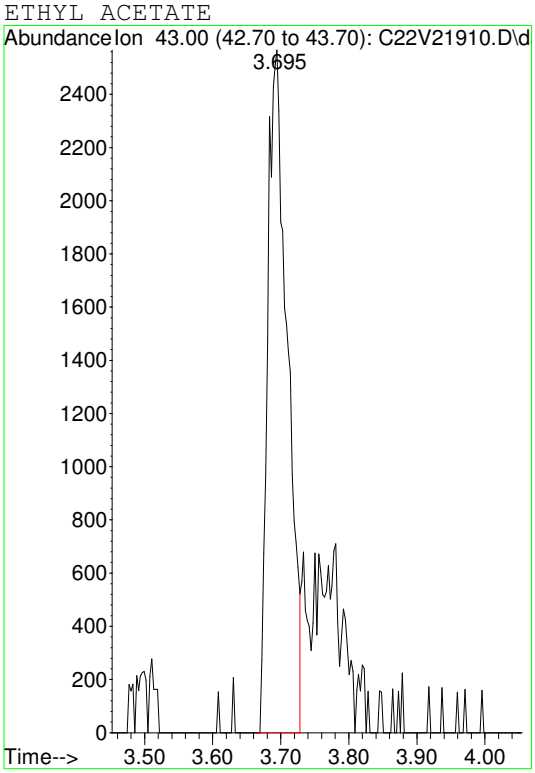
Mon Aug 08 12:12:44 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.50
Area : 2951
Amount: 0.313245

Manual Integration
T-BUTYL ETHYL ETHER



Original Integration
ETHYL ACETATE



Original Int. Results

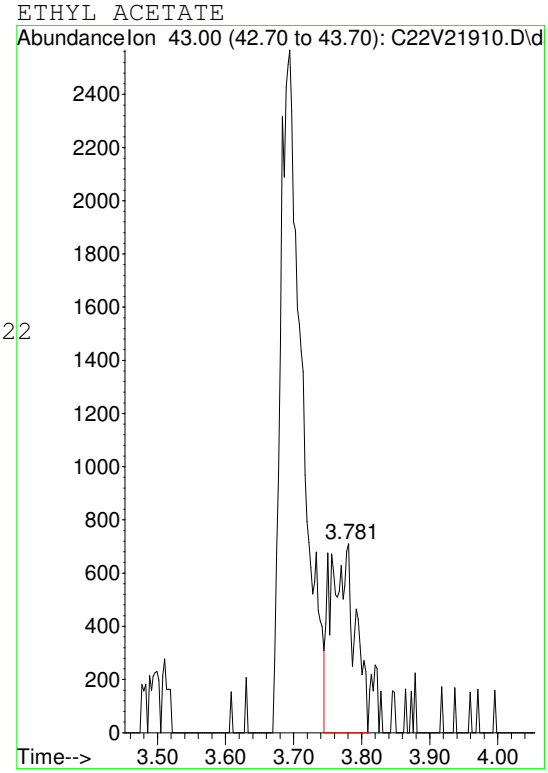
RT : 3.69
Area : 5184
Amount: 1.17002

Manual Int. Results

Mon Aug 08 12:12:59 2022

MIuser: EEH
Reason: Other
RT : 3.78
Area : 1728
Amount: 0.390005

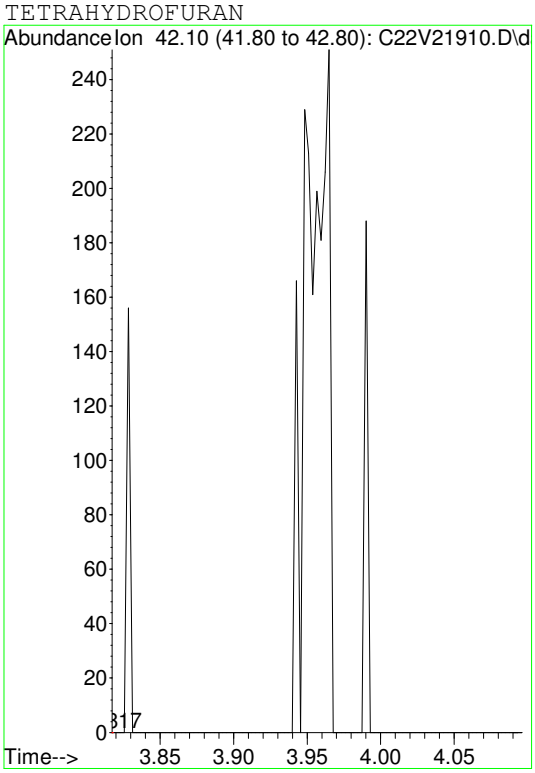
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
TETRAHYDROFURAN



Original Int. Results

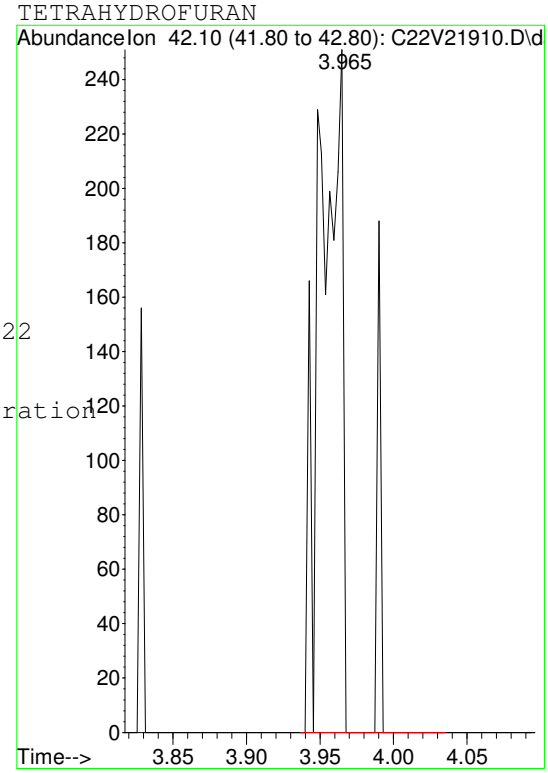
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

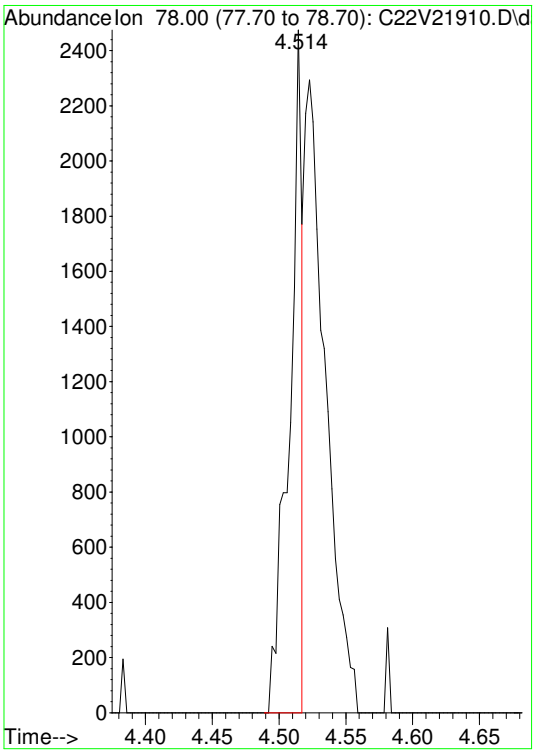
Mon Aug 08 12:13:05 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.96
Area : 300
Amount: 0.229083

Manual Integration
TETRAHYDROFURAN



Original Integration
BENZENE



Original Int. Results

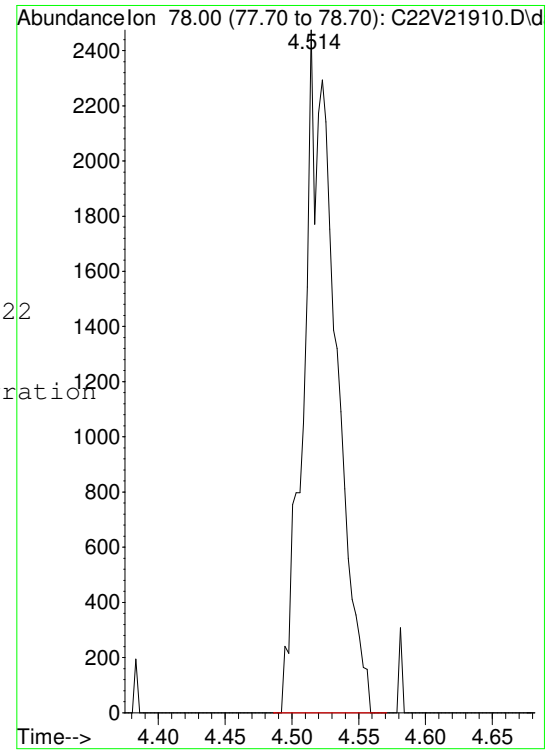
RT : 4.51
Area : 1613
Amount: 0.143975

Manual Int. Results

Mon Aug 08 12:13:11 2022

MIuser: EEH
Reason: Incorret Integration
RT : 4.51
Area : 4104
Amount: 0.366318

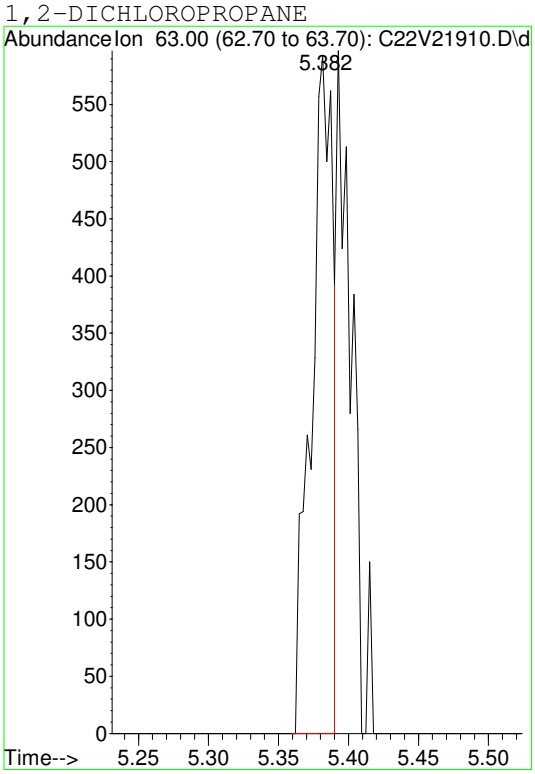
Manual Integration
BENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2-DICHLOROPROPANE



Original Int. Results

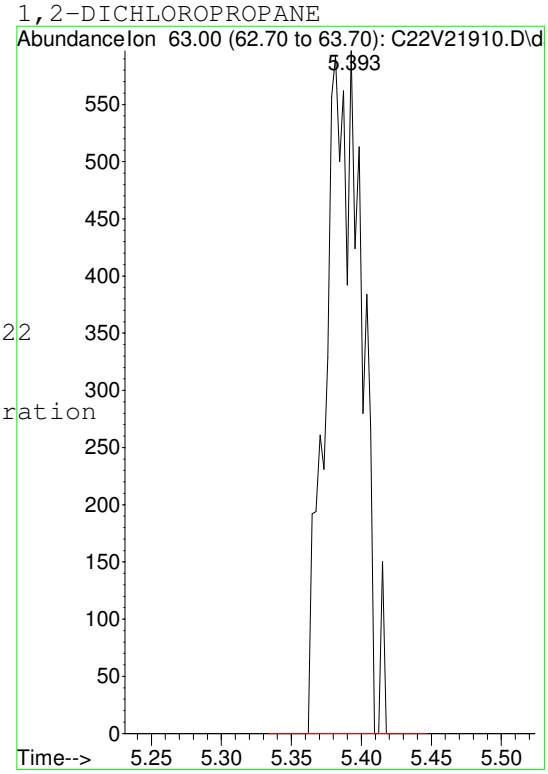
RT : 5.38
Area : 637
Amount: 0.208613

Manual Int. Results

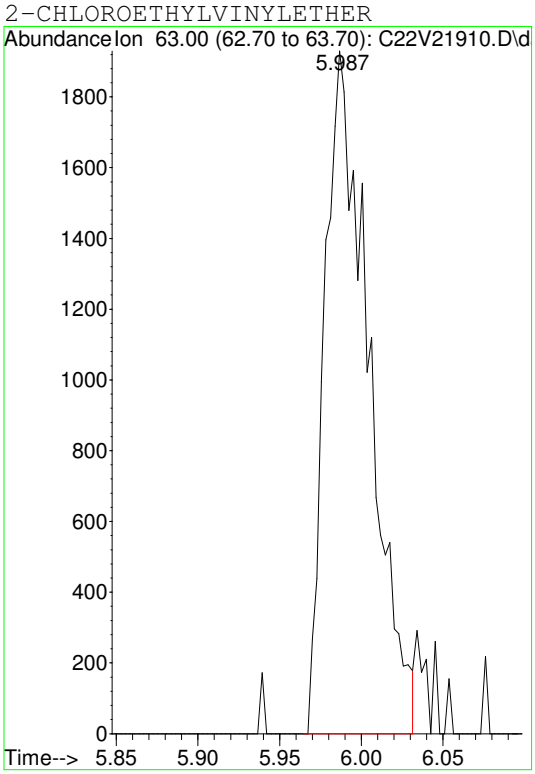
Mon Aug 08 12:13:17 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.39
Area : 1075
Amount: 0.352055

Manual Integration
1,2-DICHLOROPROPANE



Original Integration
2-CHLOROETHYLVINYLETHER



Original Int. Results

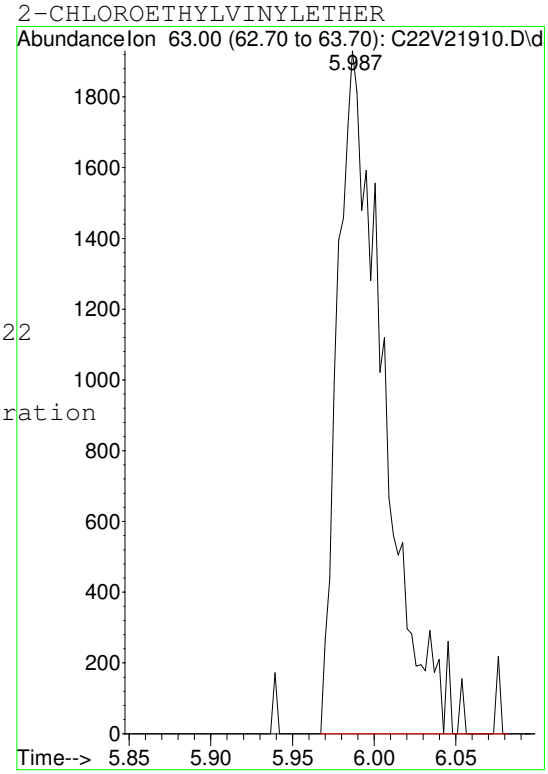
RT : 5.99
Area : 3594
Amount: 2.40983

Manual Int. Results

Mon Aug 08 12:13:26 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.99
Area : 3813
Amount: 2.55667

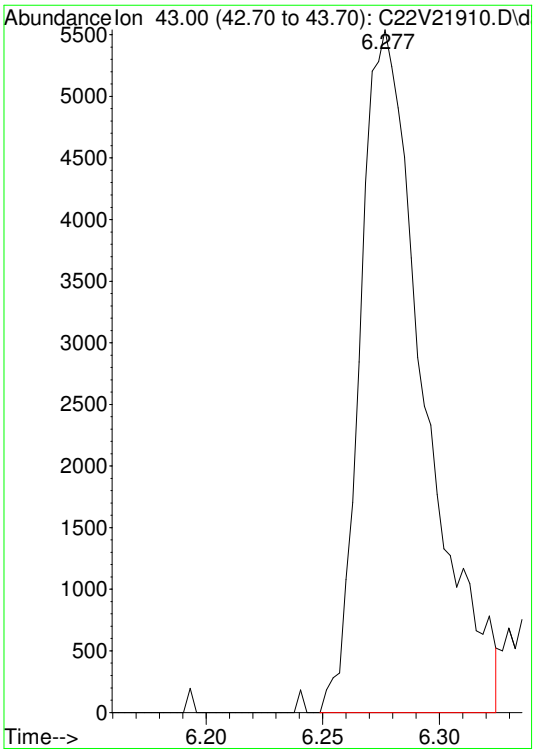
Manual Integration
2-CHLOROETHYLVINYLETHER



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
MIBK



Original Int. Results

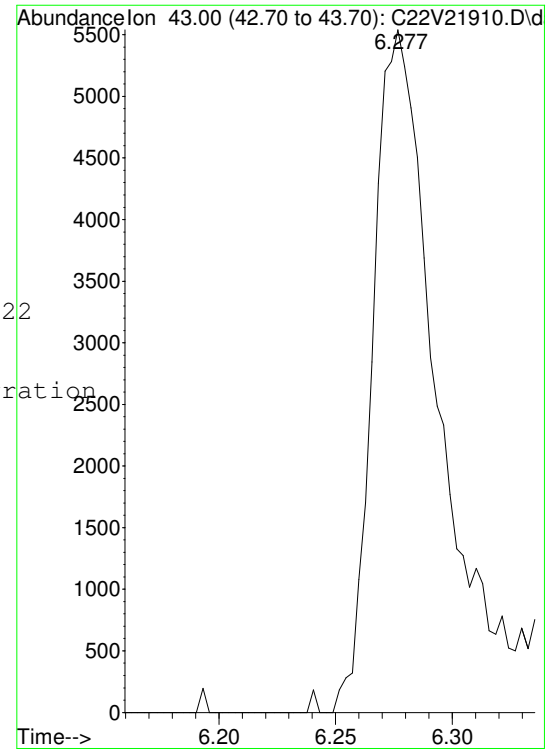
RT : 6.28
Area : 10540
Amount: 2.34447

Manual Int. Results

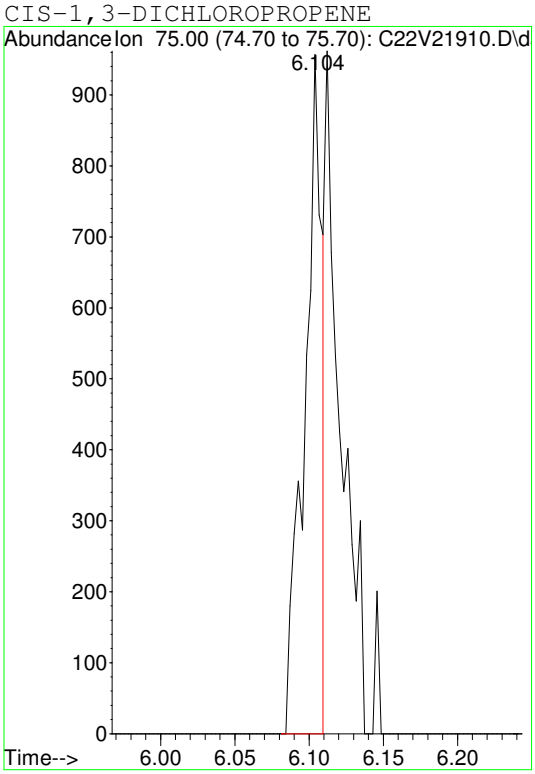
Mon Aug 08 12:13:31 2022

MIuser: EEH
Reason: Incorret Integration
RT : 6.28
Area : 13328
Amount: 2.96462

Manual Integration
MIBK



Original Integration
CIS-1,3-DICHLOROPROPENE



Original Int. Results

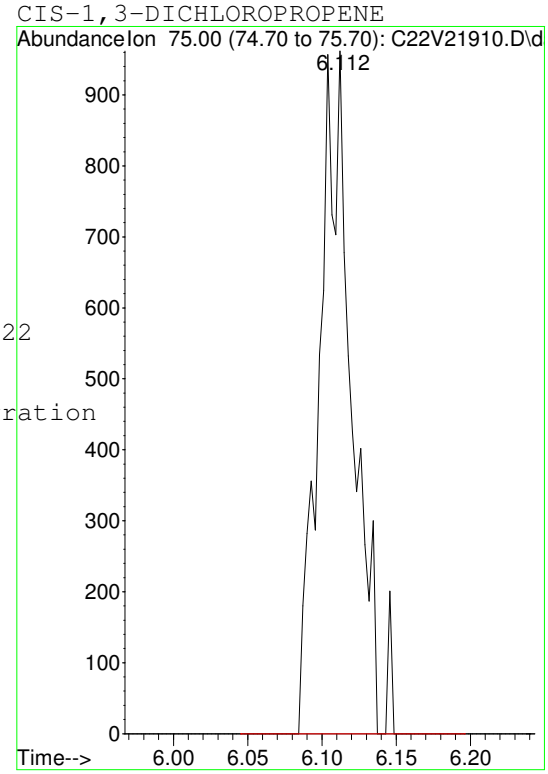
RT : 6.10
Area : 779
Amount: 0.167276

Manual Int. Results

Mon Aug 08 12:13:34 2022

MIuser: EEH
Reason: Incorret Integration
RT : 6.11
Area : 1497
Amount: 0.321454

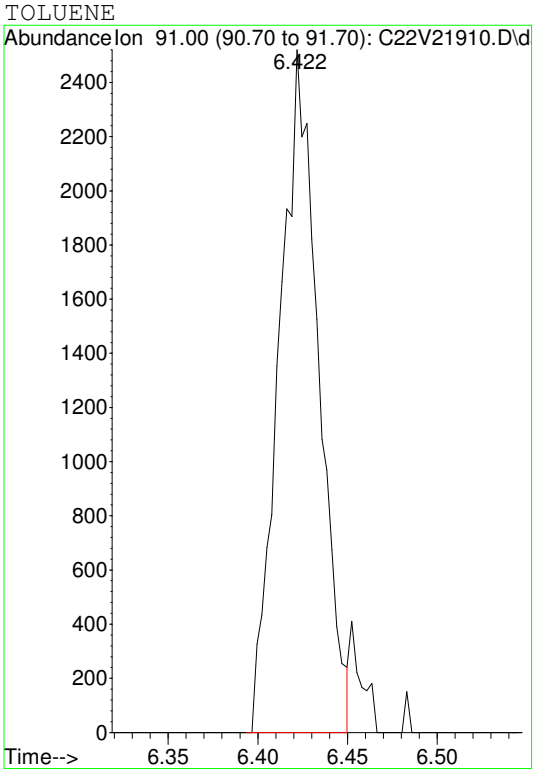
Manual Integration
CIS-1,3-DICHLOROPROPENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
TOLUENE



Original Int. Results

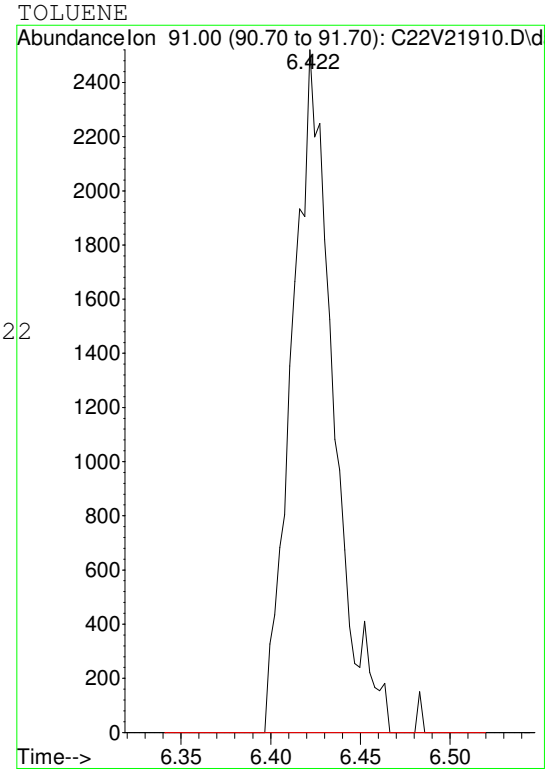
RT : 6.42
Area : 3854
Amount: 0.344261

Manual Int. Results

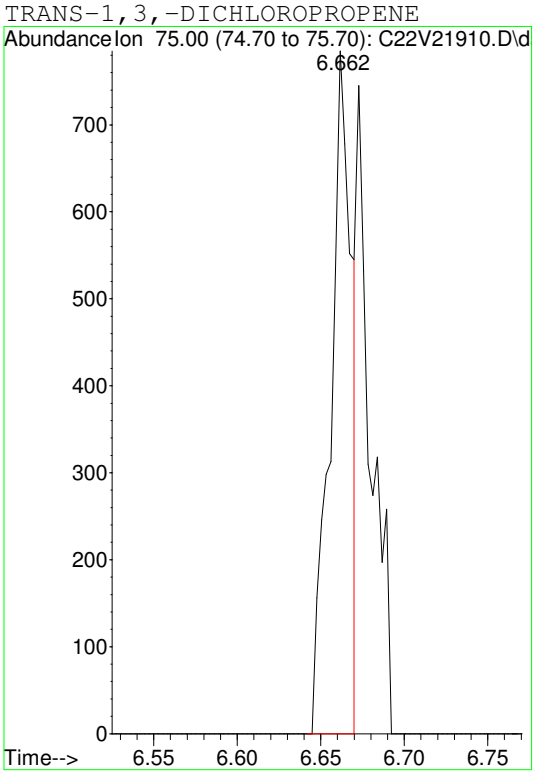
Mon Aug 08 12:13:36 2022

MIuser: EEH
Reason: Other
RT : 6.42
Area : 4069
Amount: 0.363466

Manual Integration
TOLUENE



Original Integration
TRANS-1,3,-DICHLOROPROPENE



Original Int. Results

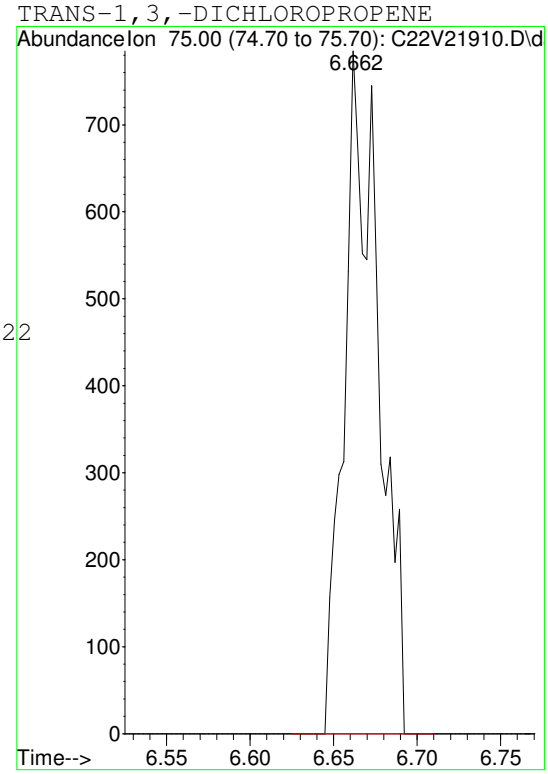
RT : 6.66
Area : 687
Amount: 0.163189

Manual Int. Results

Mon Aug 08 12:13:39 2022

MIuser: EEH
Reason: Other
RT : 6.66
Area : 1127
Amount: 0.267706

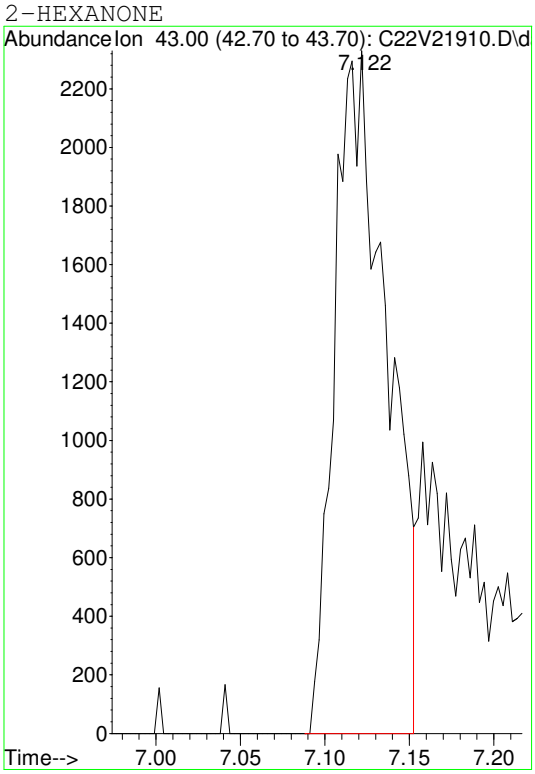
Manual Integration
TRANS-1,3,-DICHLOROPROPENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-HEXANONE



Original Int. Results

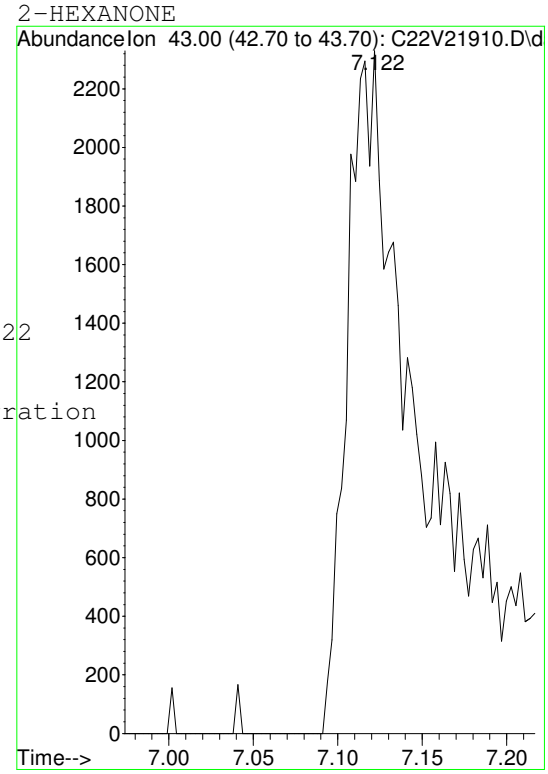
RT : 7.12
Area : 5047
Amount: 1.56305

Manual Int. Results

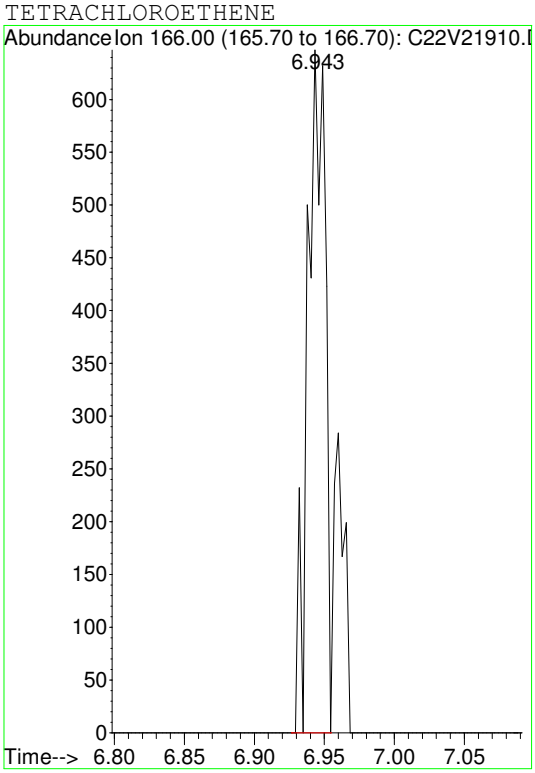
Mon Aug 08 12:13:46 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.12
Area : 8733
Amount: 2.7046

Manual Integration
2-HEXANONE



Original Integration
TETRACHLOROETHENE



Original Int. Results

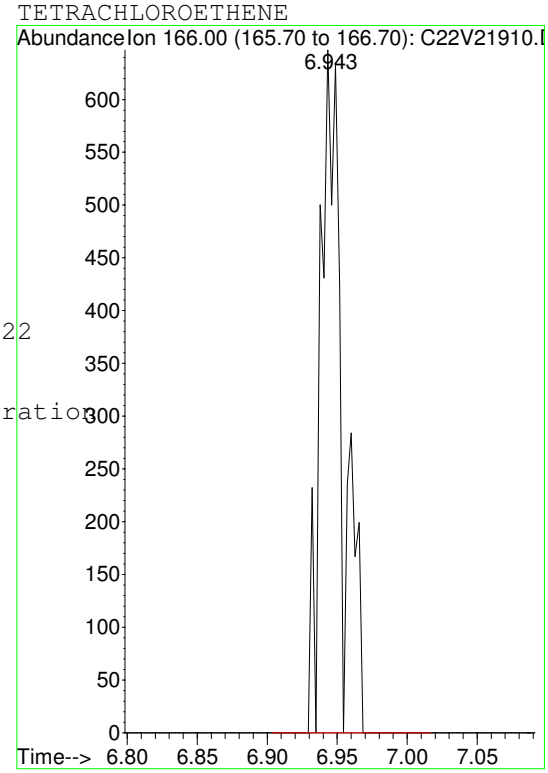
RT : 6.94
Area : 563
Amount: 0.217238

Manual Int. Results

Mon Aug 08 12:13:49 2022

MIuser: EEH
Reason: Incorret Integration
RT : 6.94
Area : 711
Amount: 0.274346

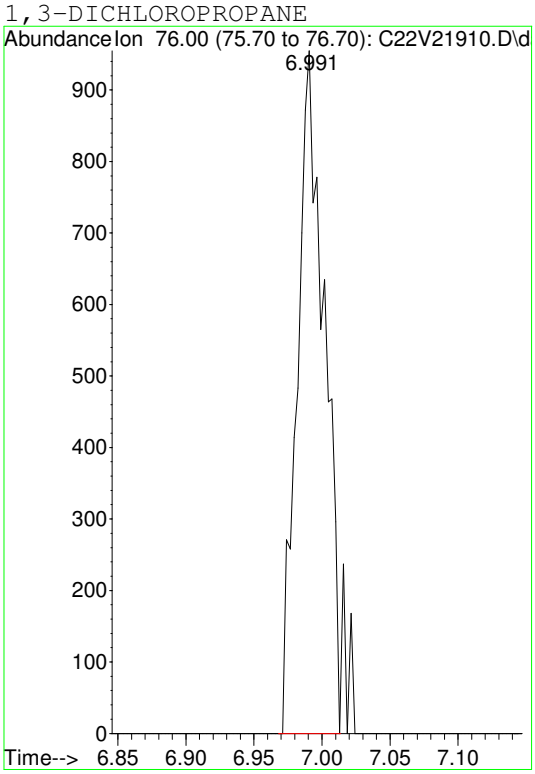
Manual Integration
TETRACHLOROETHENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,3-DICHLOROPROPANE



Original Int. Results

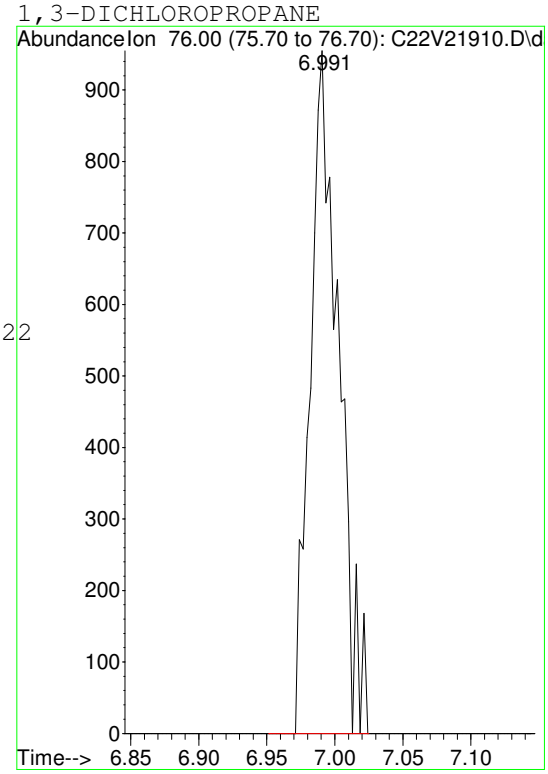
RT : 6.99
Area : 1322
Amount: 0.269115

Manual Int. Results

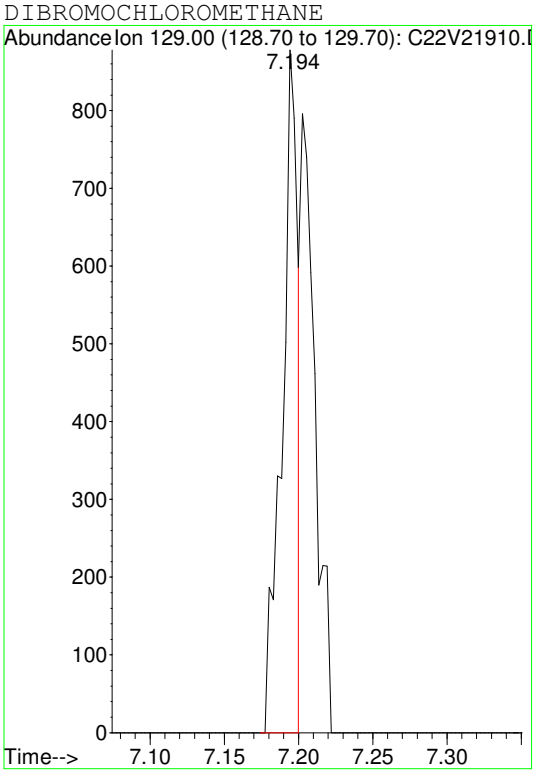
Mon Aug 08 12:13:51 2022

MIuser: EEH
Reason: Other
RT : 6.99
Area : 1390
Amount: 0.282957

Manual Integration
1,3-DICHLOROPROPANE



Original Integration
DIBROMOCHLOROMETHANE



Original Int. Results

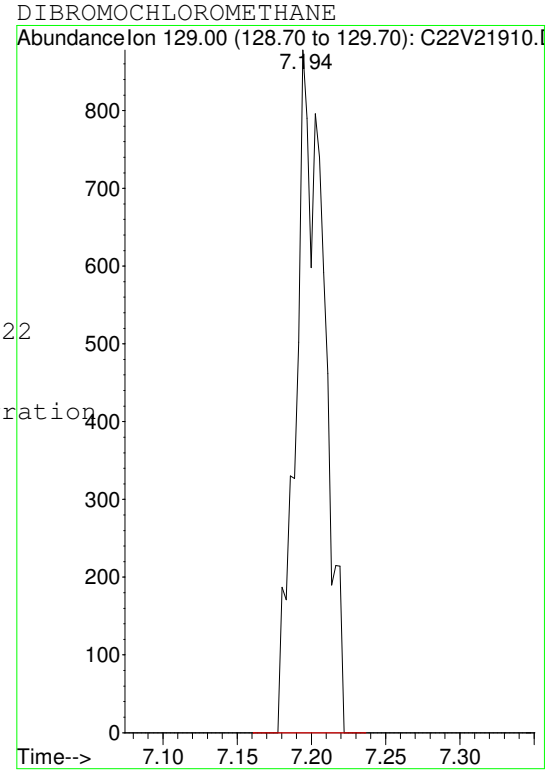
RT : 7.19
Area : 633
Amount: 0.208798

Manual Int. Results

Mon Aug 08 12:13:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.19
Area : 1170
Amount: 0.38593

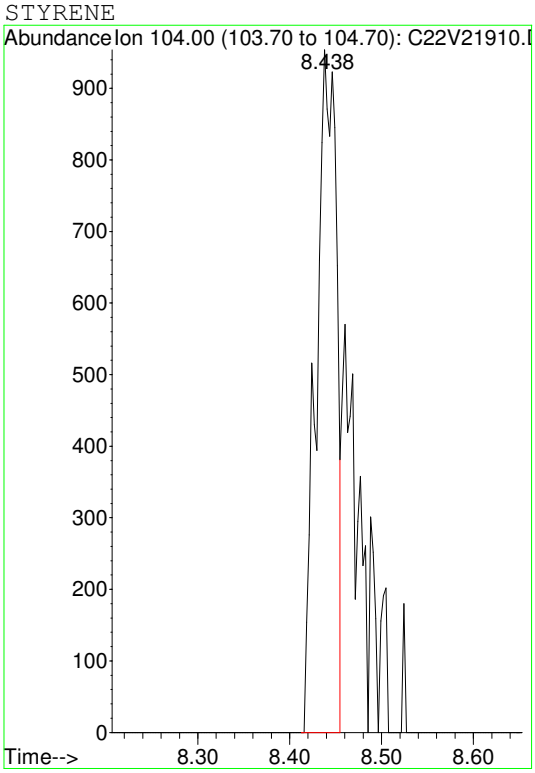
Manual Integration
DIBROMOCHLOROMETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
STYRENE



Original Int. Results

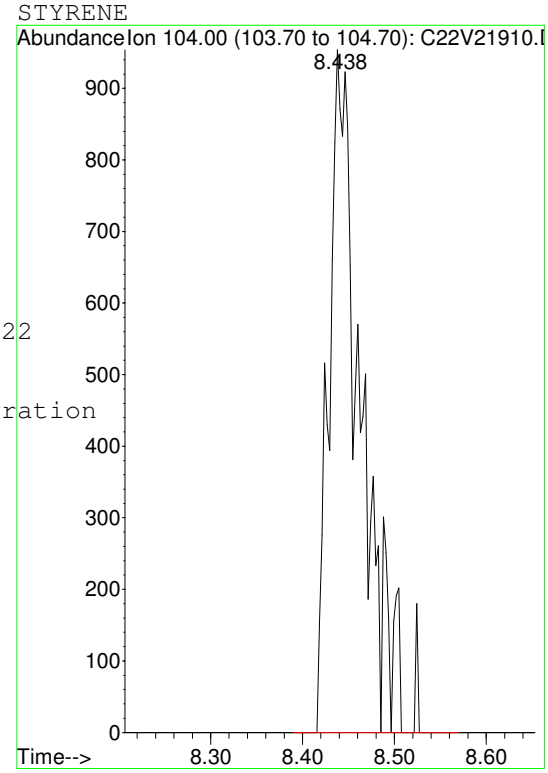
RT : 8.44
Area : 1458
Amount: 0.192486

Manual Int. Results

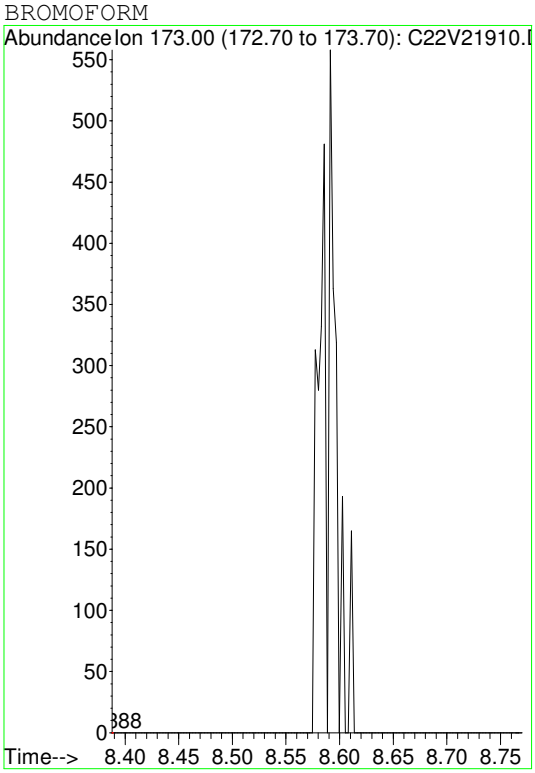
Mon Aug 08 12:14:02 2022

MIuser: EEH
Reason: Incorret Integration
RT : 8.44
Area : 2326
Amount: 0.307079

Manual Integration
STYRENE



Original Integration
BROMOFORM



Original Int. Results

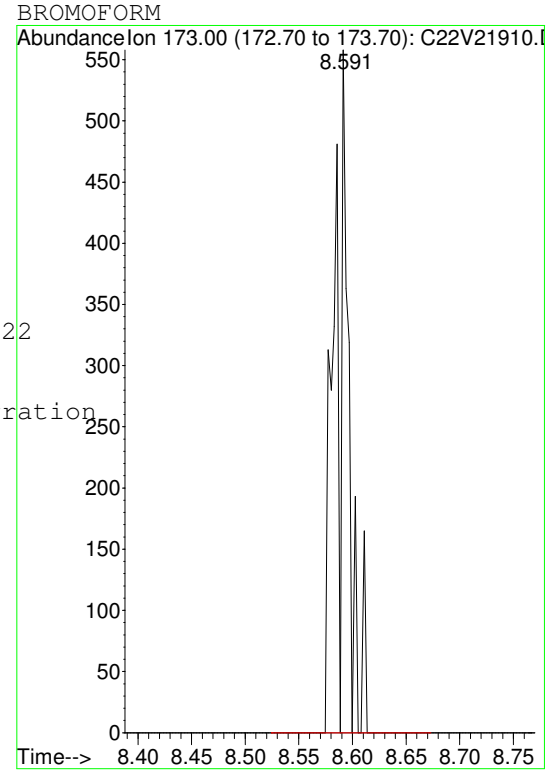
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:05 2022

MIuser: EEH
Reason: Incorret Integration
RT : 8.59
Area : 503
Amount: 0.228768

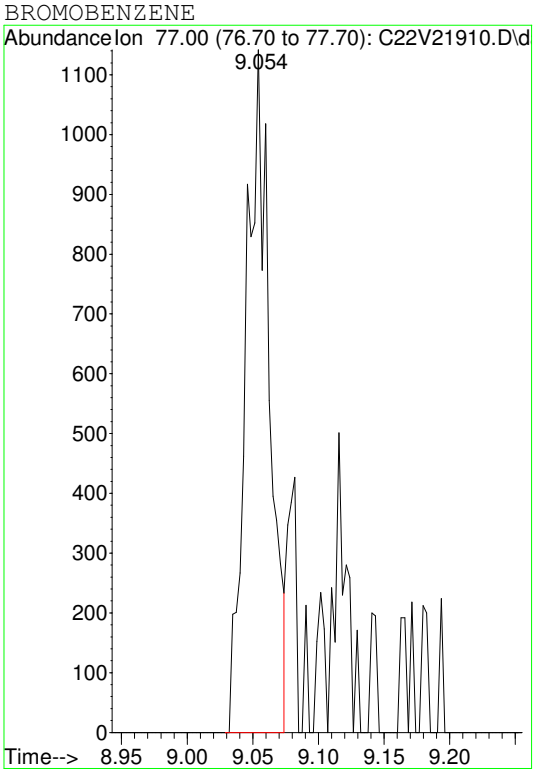
Manual Integration
BROMOFORM



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOBENZENE



Original Int. Results

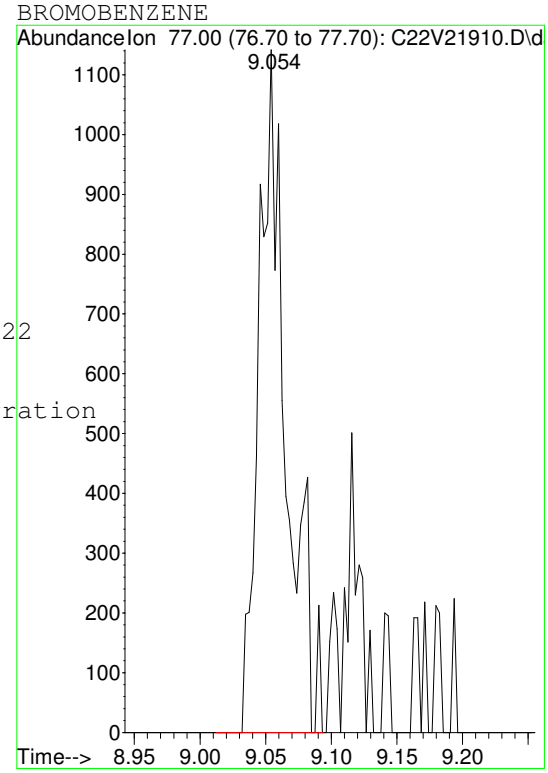
RT : 9.05
Area : 1419
Amount: 0.284194

Manual Int. Results

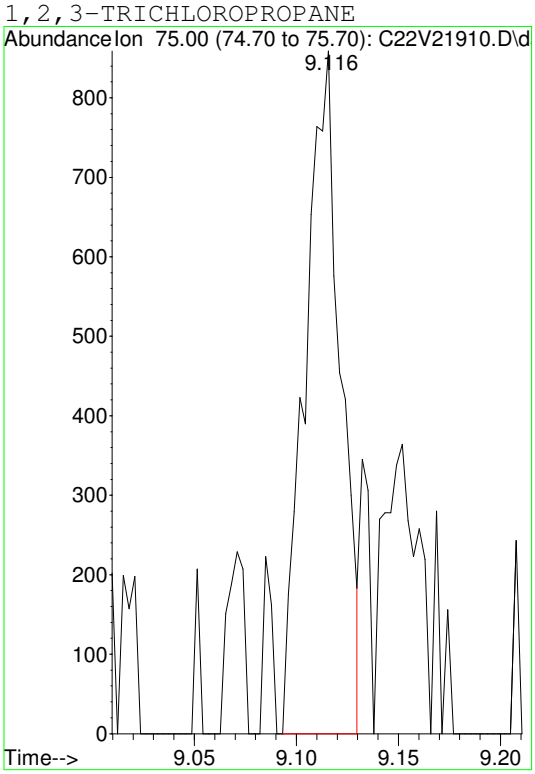
Mon Aug 08 12:14:11 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.05
Area : 1649
Amount: 0.330258

Manual Integration
BROMOBENZENE



Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

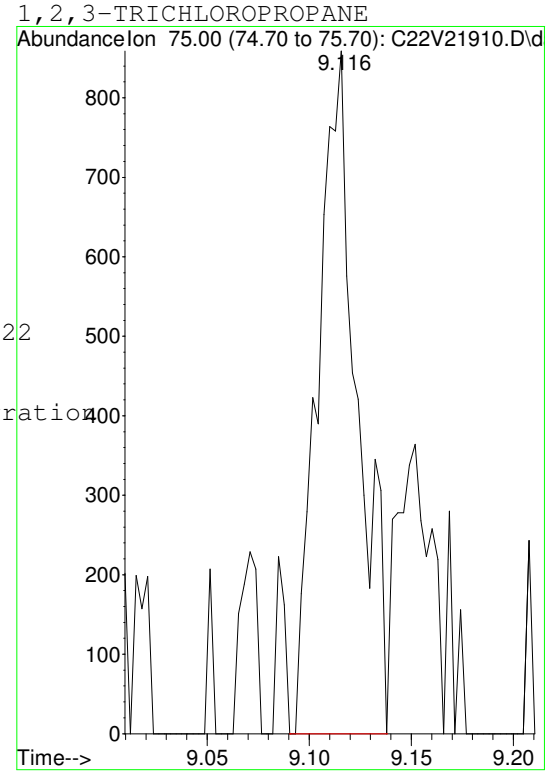
RT : 9.12
Area : 1043
Amount: 0.301014

Manual Int. Results

Mon Aug 08 12:14:18 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.12
Area : 1153
Amount: 0.33276

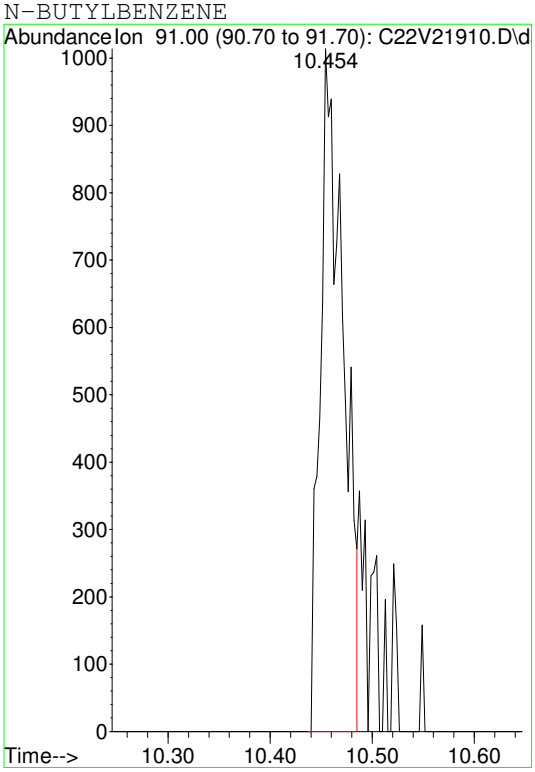
Manual Integration
1,2,3-TRICHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
N-BUTYLBENZENE



Original Int. Results

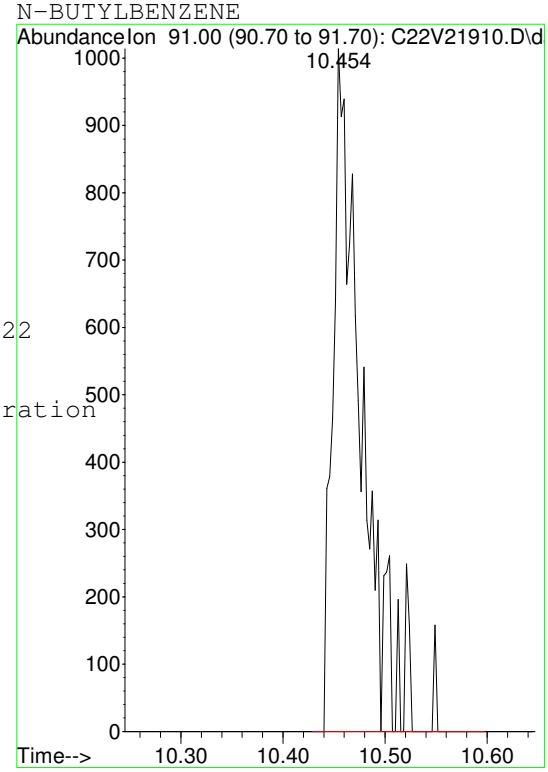
RT : 10.45
Area : 1592
Amount: 0.201569

Manual Int. Results

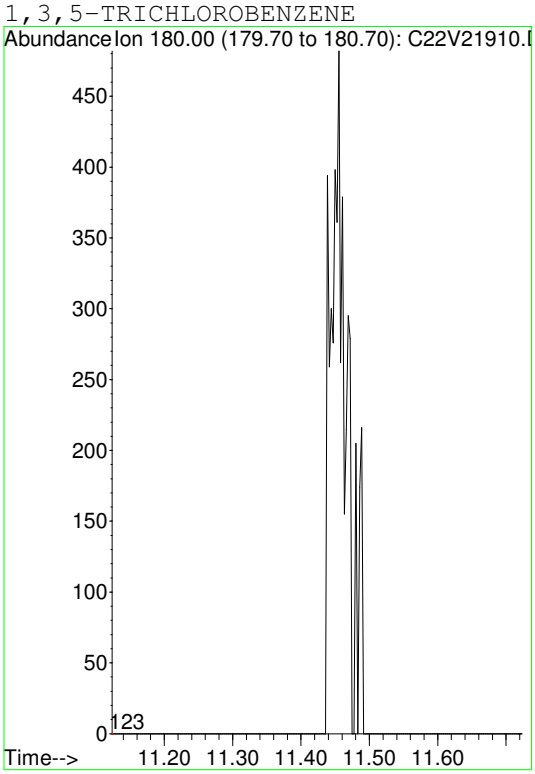
Mon Aug 08 12:14:31 2022

MIuser: EEH
Reason: Incorret Integration
RT : 10.45
Area : 1989
Amount: 0.251835

Manual Integration
N-BUTYLBENZENE



Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

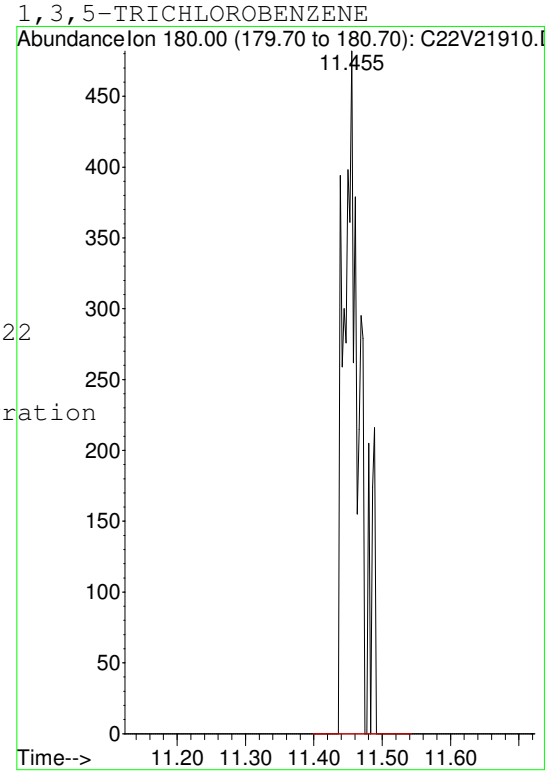
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:35 2022

MIuser: EEH
Reason: Incorret Integration
RT : 11.46
Area : 778
Amount: 0.213545

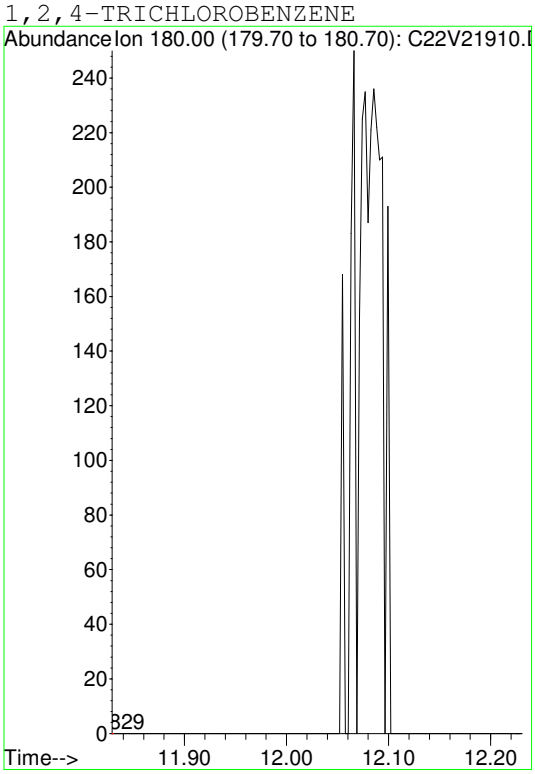
Manual Integration
1,3,5-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

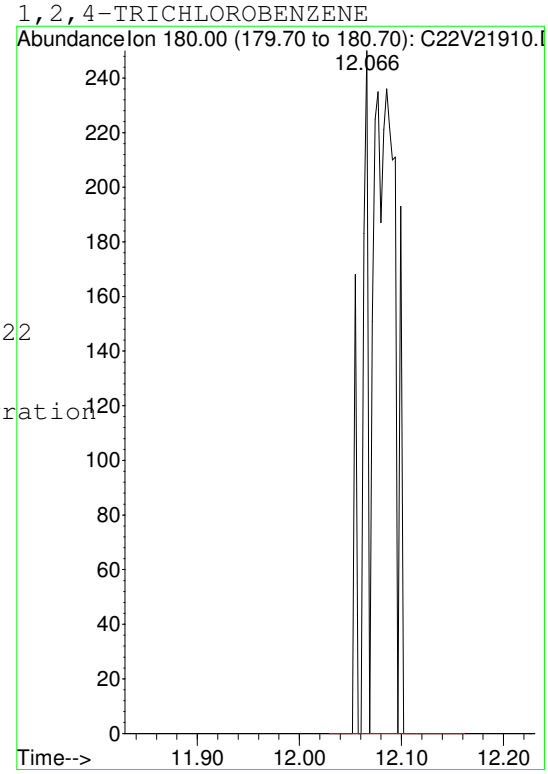
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

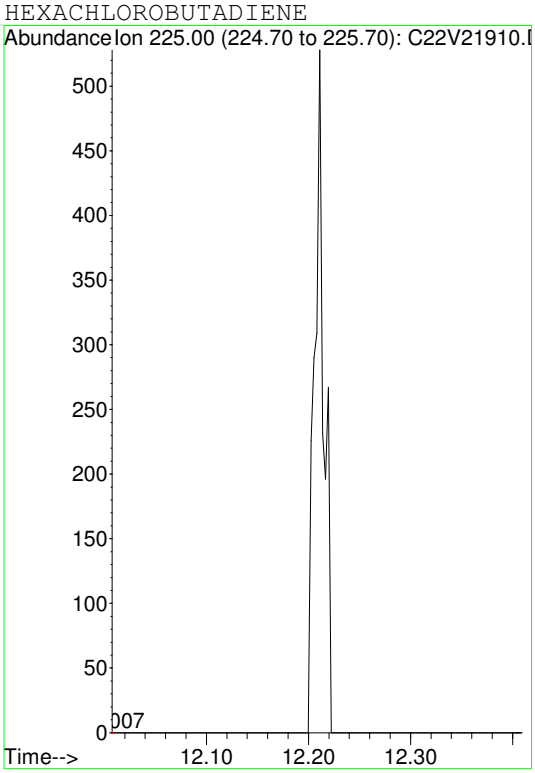
Mon Aug 08 12:14:37 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.07
Area : 450
Amount: 0.131131

Manual Integration
1,2,4-TRICHLOROBENZENE



Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

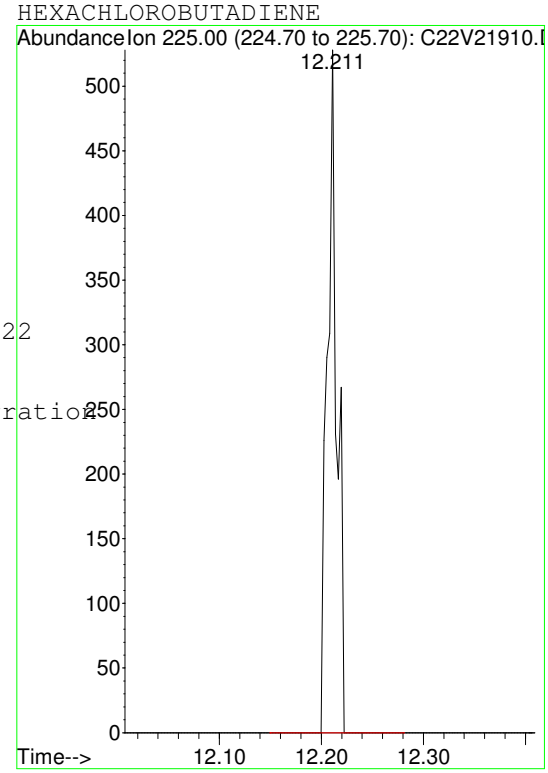
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:40 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.21
Area : 343
Amount: 0.262458

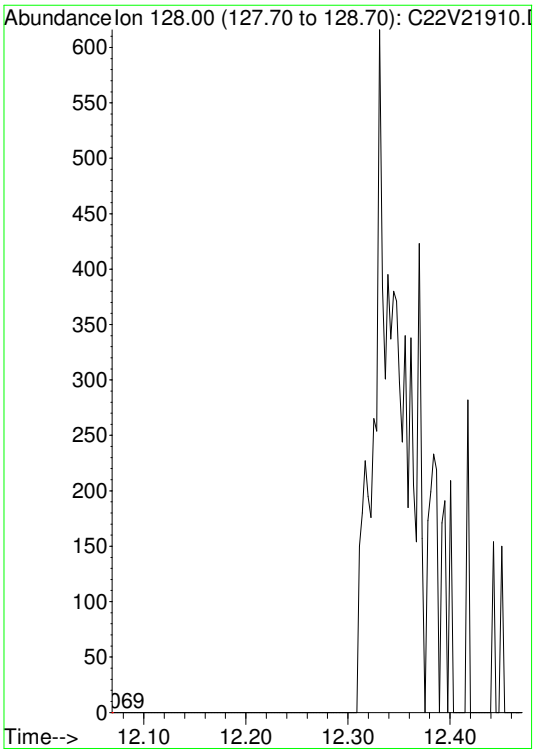
Manual Integration
HEXACHLOROBUTADIENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21910.D
Acq On : 8 Aug 2022 10:45 am
Operator :
Sample : 8260STD 0.4PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:14:45 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
NAPHTHALENE



Original Int. Results

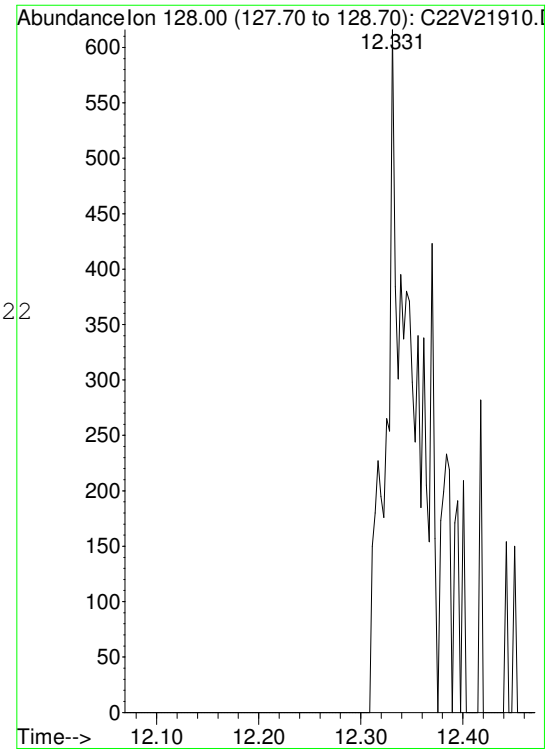
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

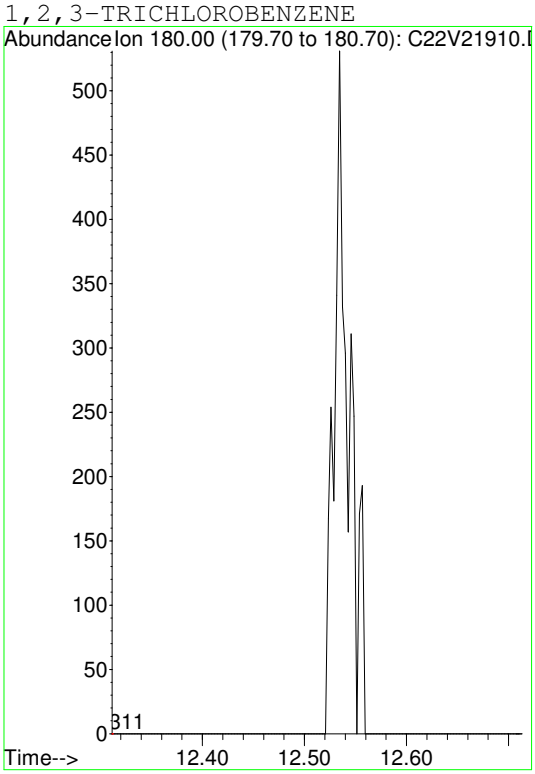
Mon Aug 08 12:14:43 2022

MIuser: EEH
Reason: Other
RT : 12.33
Area : 1432
Amount: 0.139595

Manual Integration
NAPHTHALENE



Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

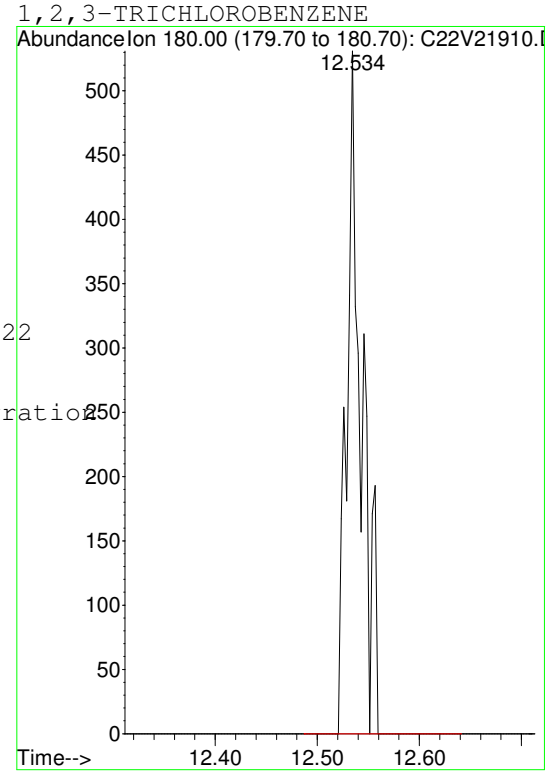
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:14:45 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.53
Area : 532
Amount: 0.156079

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	193591	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	284959	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	139363	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	134791	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91408	25.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%				
49) TOLUENE SS	6.352	98	281602	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103051	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	1080	0.34	UG/L	#	43
4) DIFLUOROCHLOROMETHANE	1.093	51	1615	0.43	UG/L	#	100
5) CHLOROMETHANE	1.196	50	2636	0.63	UG/L	#	31
6) VINYL CHLORIDE	1.263	62	1381	0.41	UG/L	#	33
7) BROMOMETHANE	1.455	94	1549	0.84	UG/L		97
8) CHLOROETHANE	1.522	64	1108m	0.60	UG/L		
9) FLUORODICHLOROMETHANE	1.636	67	2311	0.45	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.678	101	1606	0.43	UG/L		91
12) DI ETHYL ETHER	1.868	59	934	0.39	UG/L		92
13) ACROLEIN	1.957	56	2478	3.11	UG/L		92
14) ACETONE	2.066	43	5960	4.91	UG/L		98
15) 1,1-DICHLOROETHENE	2.030	61	1856	0.50	UG/L		91
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	911	0.44	UG/L	#	3
17) IODOMETHANE	2.141	142	10406	3.39	UG/L		99
20) METHYL ACETATE	2.325	43	2205	0.59	UG/L	#	64
21) T-BUTYL ALCOHOL	2.504	59	1955	4.19	UG/L	#	53
22) ACRYLONITRILE	2.626	53	559	0.35	UG/L	#	10
23) METHYLENE CHLORIDE	2.398	49	1893	0.48	UG/L		98
24) CARBON DISULFIDE	2.194	76	33803	4.68	UG/L		98
25) METHYL TERT-BUTYL ETHE...	2.640	73	4099	0.48	UG/L	#	50
26) TRANS 1,2-DICHLOROETHENE	2.632	61	1890	0.49	UG/L		92
27) 1,1-DICHLOROETHANE	3.047	63	2356m	0.45	UG/L		
28) VINYL ACETATE	3.117	43	33238	3.33	UG/L		99
29) DI ISOPROYL ETHER	3.134	45	4335	0.39	UG/L	#	52
31) 2-BUTANONE	3.692	43	6325	2.90	UG/L	#	98
32) T-BUTYL ETHYL ETHER	3.505	59	3792m	0.40	UG/L		
33) CIS-1,2-DICHLOROETHENE	3.641	61	1809	0.40	UG/L	#	69
34) 2,2-DICHLOROPROPANE	3.633	77	1715	0.44	UG/L	#	47
35) ETHYL ACETATE	3.773	43	2120m	0.48	UG/L		
38) BROMOCHLOROMETHANE	3.887	49	1046	0.39	UG/L		93
39) TETRAHYDROFURAN	3.957	42	308m	0.24	UG/L		
40) CHLOROFORM	3.979	83	2108	0.44	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.141	97	1777	0.46	UG/L	#	44
42) CYCLOHEXANE	4.191	56	5137	1.13	UG/L	#	43
43) CARBON TETRACHLORIDE	4.308	117	1323m	0.41	UG/L		
44) 1,1-DICHLOROPROPENE	4.314	75	1282	0.36	UG/L	#	39
45) BENZENE	4.514	78	4790	0.43	UG/L	#	87
47) T-AMYLMETHYL ETHER	4.657	73	3440	0.41	UG/L	#	89
50) 1,2-DICHLOROETHANE	4.548	62	1668	0.43	UG/L	#	74
51) TRICHLOROETHENE	5.161	95	1003	0.40	UG/L	#	71
52) METHYLCYCLOHEXANE	5.343	83	1100	0.32	UG/L	#	60
53) 1,2-DICHLOROPROPANE	5.393	63	1156m	0.38	UG/L		
54) DIBROMOMETHANE	5.499	93	780	0.42	UG/L	#	83

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

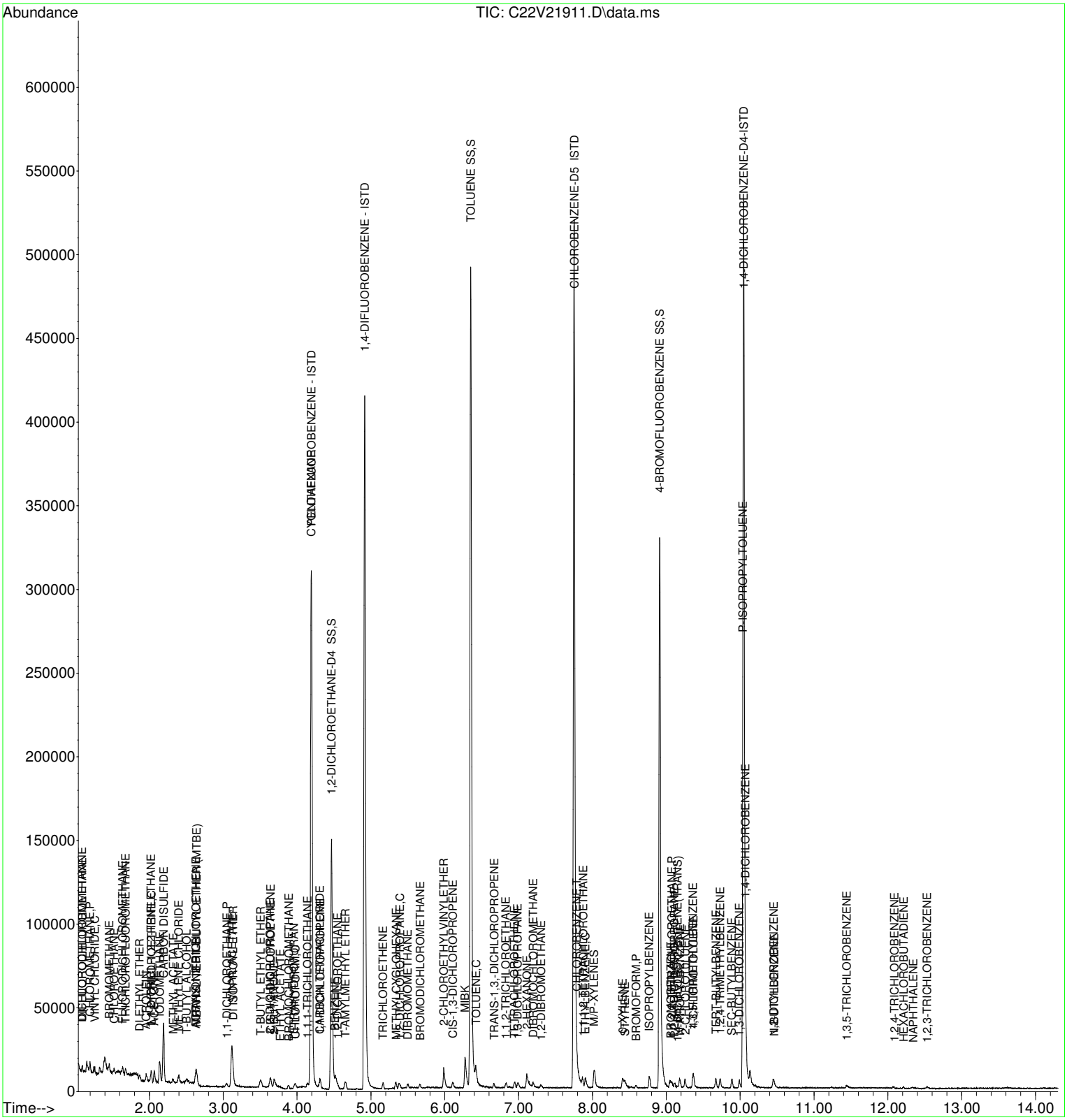
Quant Time: Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
57) BROMODICHLOROMETHANE	5.666	83	1427	0.40 UG/L #	72
58) 2-CHLOROETHYLVINYLETHER	5.984	63	4889m	3.33 UG/L	
59) MIBK	6.274	43	16105m	3.64 UG/L	
60) CIS-1,3-DICHLOROPROPENE	6.109	75	1759	0.38 UG/L #	51
61) TOLUENE	6.425	91	4999	0.45 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	6.670	75	1506	0.36 UG/L #	48
64) 1,1,2-TRICHLOROETHANE	6.823	97	968	0.37 UG/L #	15
65) 2-HEXANONE	7.111	43	10150m	3.20 UG/L	
66) TETRACHLOROETHENE	6.943	166	1038	0.41 UG/L #	69
67) 1,3-DICHLOROPROPANE	6.985	76	1894	0.39 UG/L #	43
68) DIBROMOCHLOROMETHANE	7.197	129	1242	0.42 UG/L	98
69) 1,2-DIBROMOETHANE	7.303	107	949	0.33 UG/L	89
72) CHLOROBENZENE	7.785	112	3019	0.44 UG/L #	87
73) 1,1,1,2-TETRACHLOROETHANE	7.875	131	1083	0.44 UG/L #	59
74) ETHYLBENZENE	7.902	91	4578	0.39 UG/L	94
75) M/P-XYLENES	8.020	91	7493	0.84 UG/L	98
76) 0-XYLENE	8.407	91	3769	0.41 UG/L	98
77) STYRENE	8.441	104	3065m	0.41 UG/L	
78) BROMOFORM	8.591	173	743	0.34 UG/L #	36
79) ISOPROPYLBENZENE	8.767	105	4324	0.40 UG/L #	72
81) 1,1,2,2-TETRACHLOROETHANE	9.074	83	1590m	0.39 UG/L	
82) 1,4-DICHLORO-2-BUTENE(...	9.152	53	320m	0.31 UG/L	
83) BROMOBENZENE	9.060	77	2122	0.43 UG/L #	79
84) 1,2,3-TRICHLOROPROPANE	9.107	75	1858m	0.55 UG/L	
85) N-PROPYLBENZENE	9.185	91	4819	0.38 UG/L	97
86) 2-CHLOROT0LUENE	9.258	91	3574	0.45 UG/L	89
87) 1,3,5-TRIMETHYLBENZENE	9.361	105	3543	0.40 UG/L #	62
88) 4-CHLOROTOLUENE	9.367	91	3327	0.37 UG/L	97
90) TERT-BUTYLBENZENE	9.673	119	2967	0.41 UG/L	88
91) 1,2,4-TRIMETHYLBENZENE	9.729	105	3726	0.41 UG/L	93
92) SEC-BUTYLBENZENE	9.885	105	3802	0.37 UG/L	92
93) 1,3-DICHLOROBENZENE	9.988	146	2154	0.40 UG/L #	75
94) P-ISOPROPYLTOLUENE	10.036	119	3396	0.38 UG/L #	76
95) 1,4-DICHLOROBENZENE	10.069	146	2449	0.43 UG/L #	70
97) N-BUTYLBENZENE	10.460	91	2413m	0.30 UG/L	
98) 1,2-DICHLOROBENZENE	10.454	146	2164	0.40 UG/L #	90
100) 1,3,5-TRICHLOROBENZENE	11.441	180	986m	0.27 UG/L	
101) 1,2,4-TRICHLOROBENZENE	12.088	180	644m	0.19 UG/L	
102) HEXACHLOROBUTADIENE	12.214	225	392m	0.30 UG/L	
103) NAPHTHALENE	12.342	128	2023m	0.20 UG/L	
104) 1,2,3-TRICHLOROBENZENE	12.532	180	743m	0.22 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

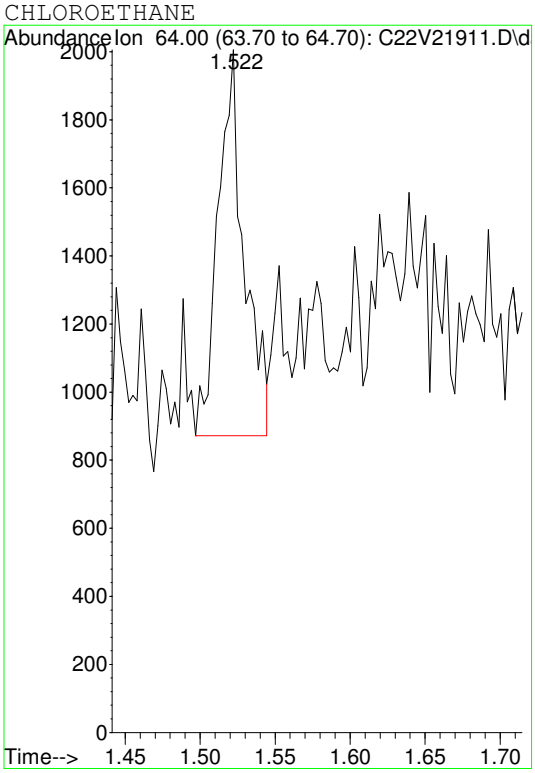
Quant Time: Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROETHANE



Original Int. Results

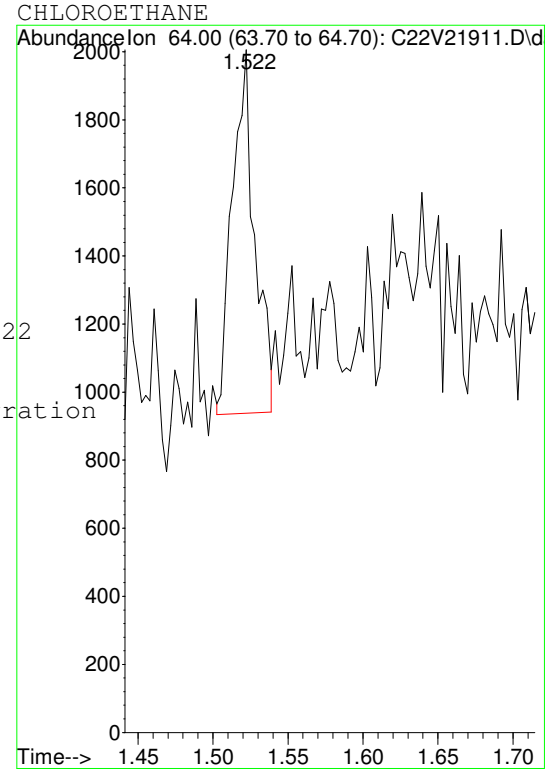
RT : 1.52
Area : 1367
Amount: 0.735156

Manual Int. Results

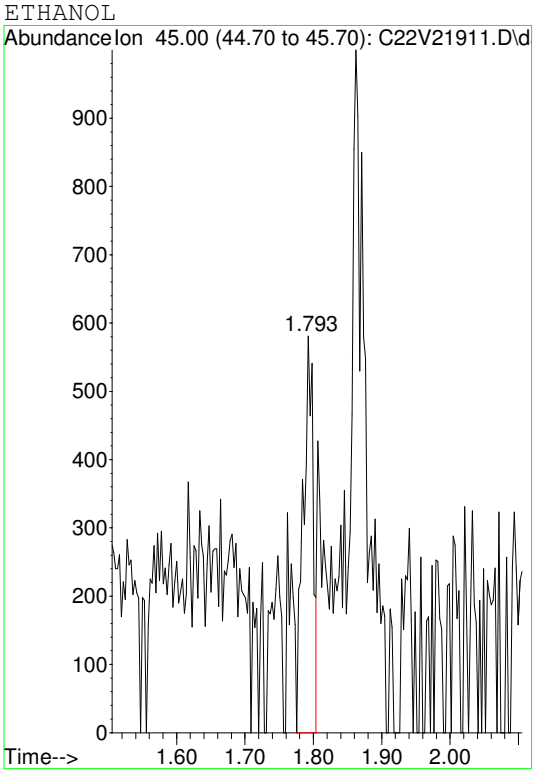
Mon Aug 08 12:15:24 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.52
Area : 1108
Amount: 0.595869

Manual Integration
CHLOROETHANE



Original Integration
ETHANOL



Original Int. Results

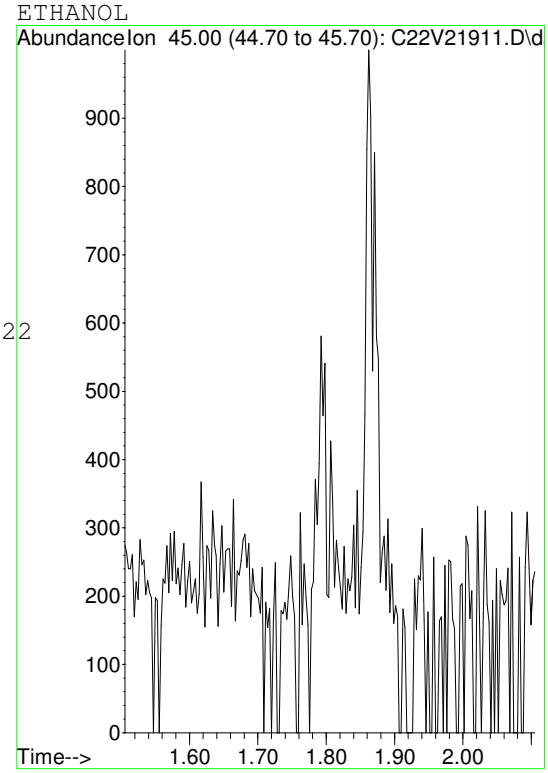
RT : 1.79
Area : 584
Amount: 8.85115

Manual Int. Results

Mon Aug 08 12:15:32 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

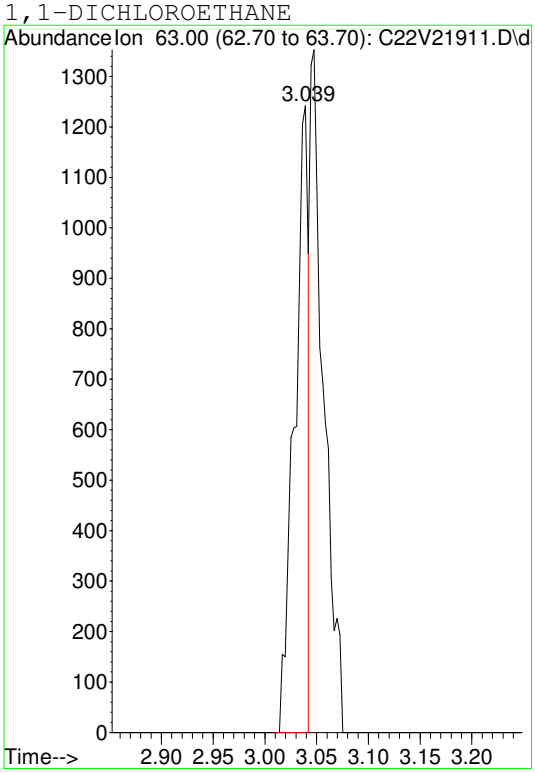
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,1-DICHLOROETHANE



Original Int. Results

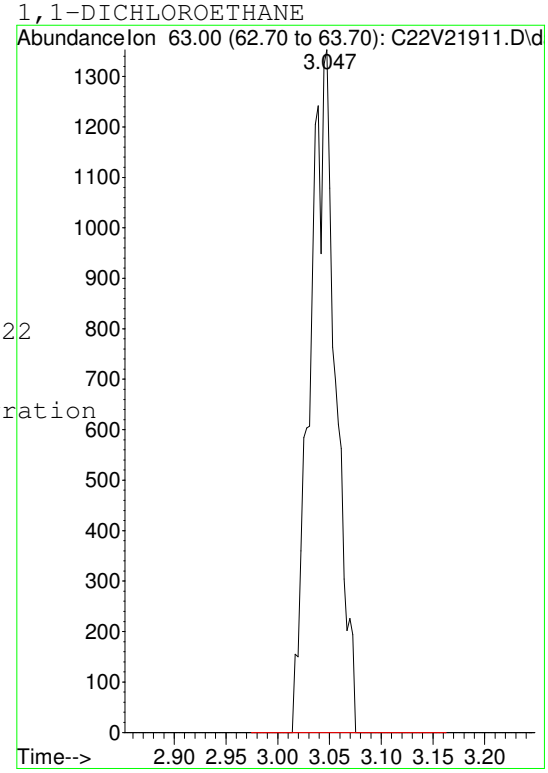
RT : 3.04
Area : 1132
Amount: 0.217899

Manual Int. Results

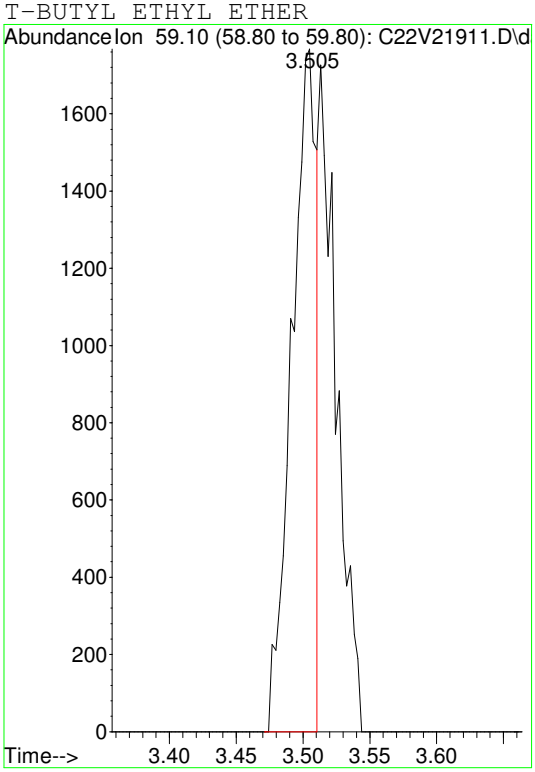
Mon Aug 08 12:15:43 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.05
Area : 2356
Amount: 0.453508

Manual Integration
1,1-DICHLOROETHANE



Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

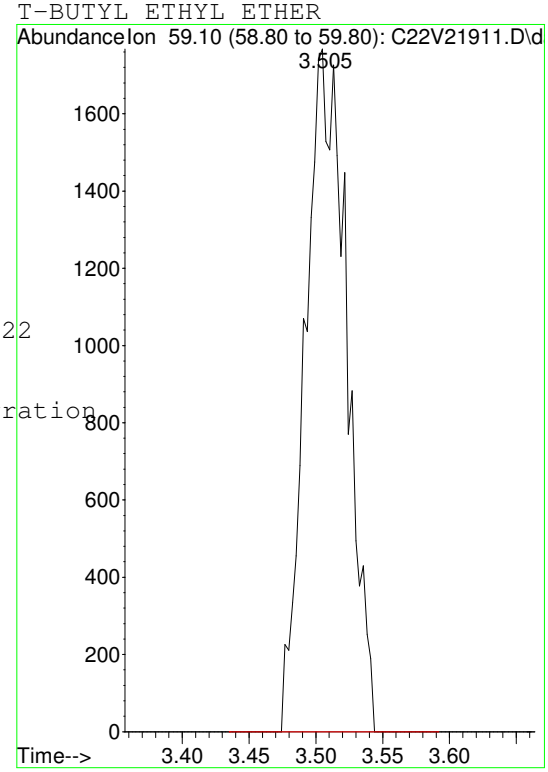
RT : 3.50
Area : 2237
Amount: 0.238858

Manual Int. Results

Mon Aug 08 12:15:48 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.50
Area : 3792
Amount: 0.404895

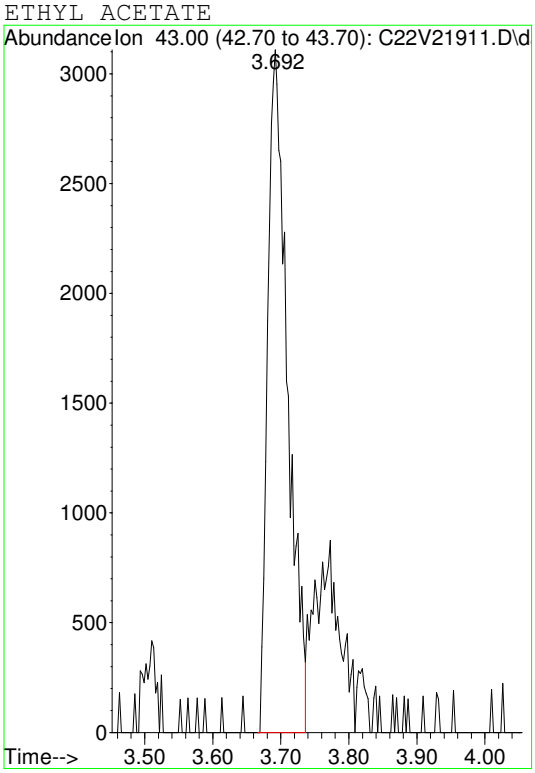
Manual Integration
T-BUTYL ETHYL ETHER



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ETHYL ACETATE



Original Int. Results

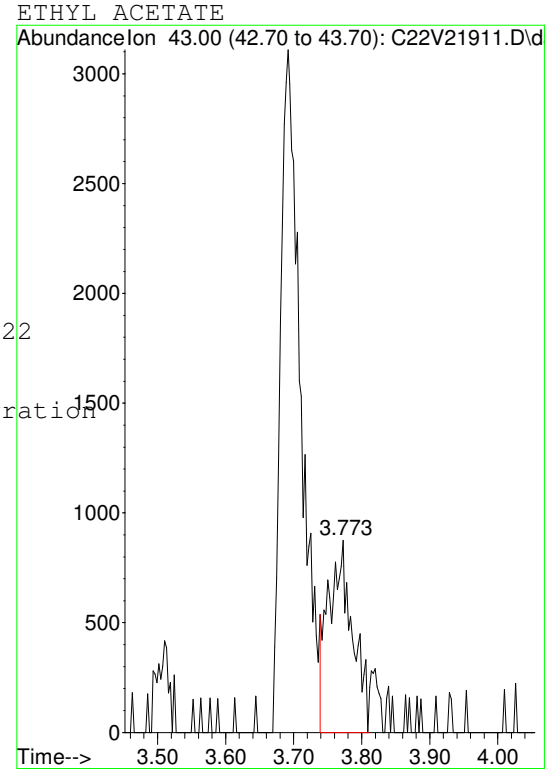
RT : 3.69
Area : 6325
Amount: 1.43597

Manual Int. Results

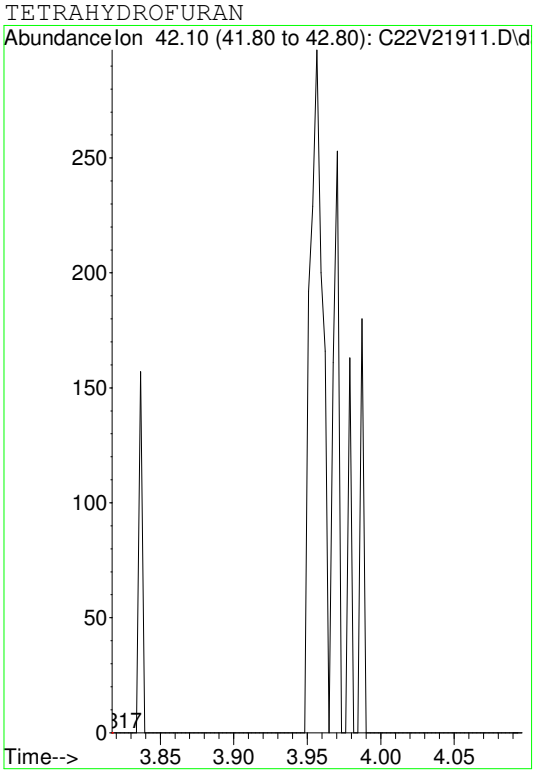
Mon Aug 08 12:15:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.77
Area : 2120
Amount: 0.481306

Manual Integration
ETHYL ACETATE



Original Integration
TETRAHYDROFURAN



Original Int. Results

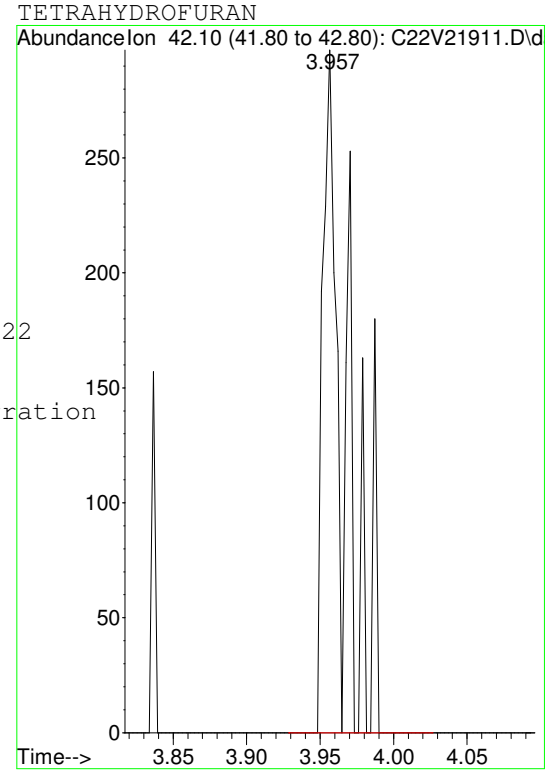
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:16:00 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.96
Area : 308
Amount: 0.236581

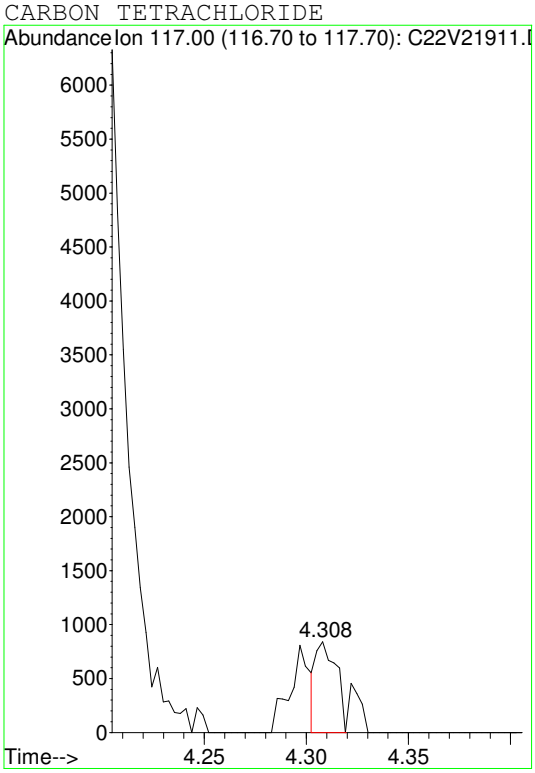
Manual Integration
TETRAHYDROFURAN



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CARBON TETRACHLORIDE



Original Int. Results

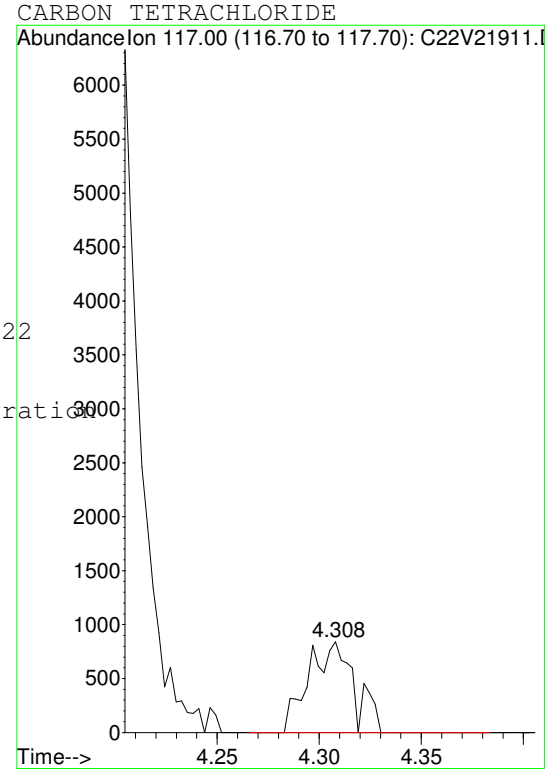
RT : 4.31
Area : 588
Amount: 0.182346

Manual Int. Results

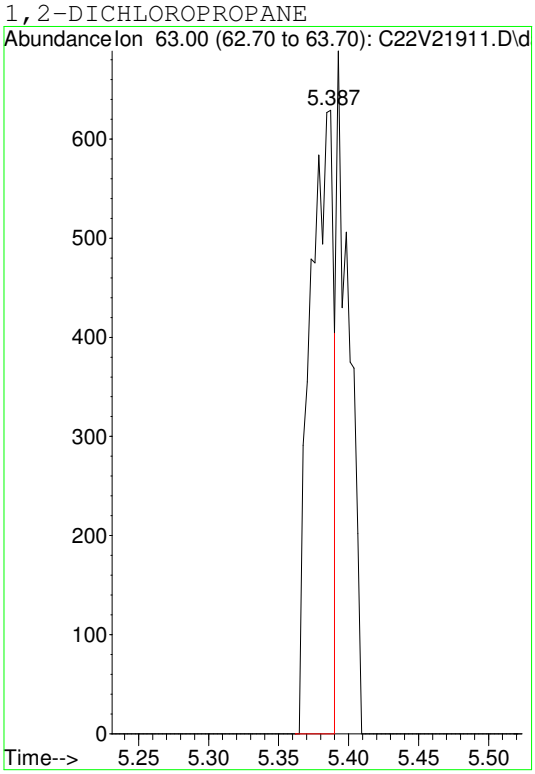
Mon Aug 08 12:16:08 2022

MIuser: EEH
Reason: Incorret Integration
RT : 4.31
Area : 1323
Amount: 0.410278

Manual Integration
CARBON TETRACHLORIDE



Original Integration
1,2-DICHLOROPROPANE



Original Int. Results

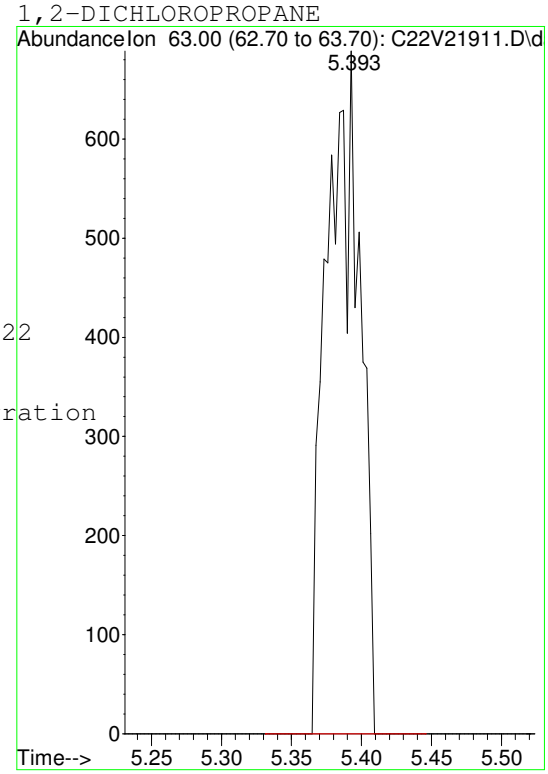
RT : 5.39
Area : 726
Amount: 0.24169

Manual Int. Results

Mon Aug 08 12:16:18 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.39
Area : 1156
Amount: 0.384839

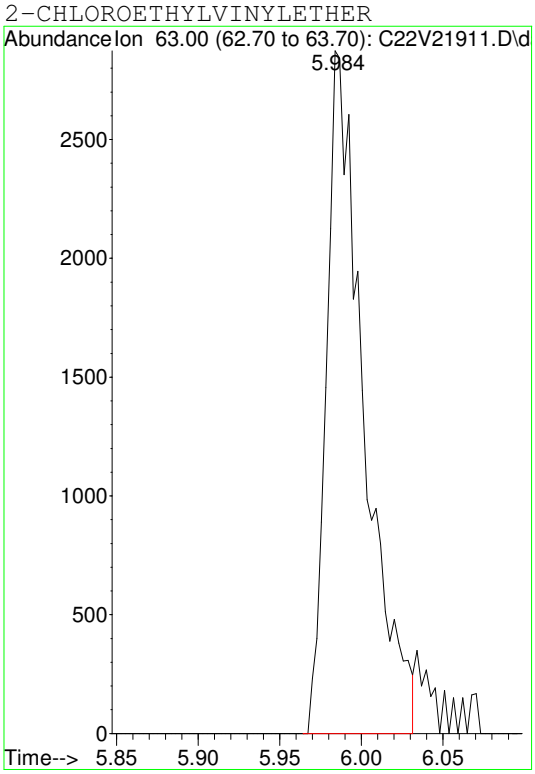
Manual Integration
1,2-DICHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-CHLOROETHYLVINYLETHER



Original Int. Results

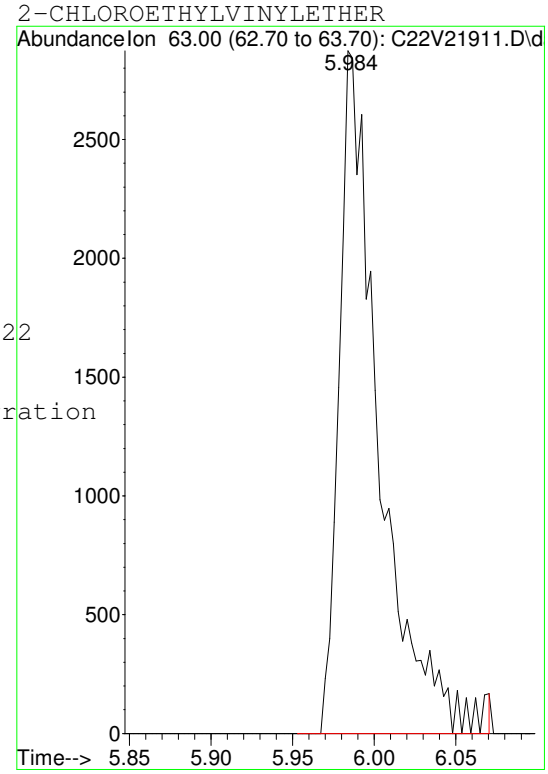
RT : 5.98
Area : 4559
Amount: 3.1074

Manual Int. Results

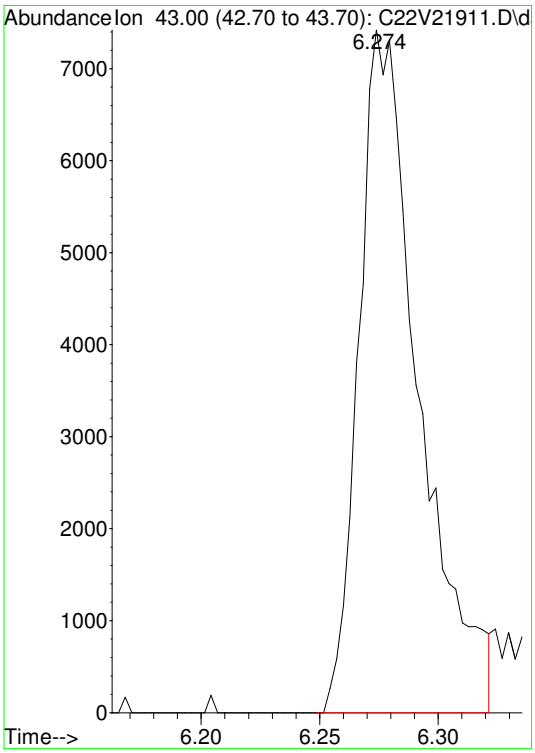
Mon Aug 08 12:16:28 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.98
Area : 4889
Amount: 3.33232

Manual Integration
2-CHLOROETHYLVINYLETHER



Original Integration
MIBK



Original Int. Results

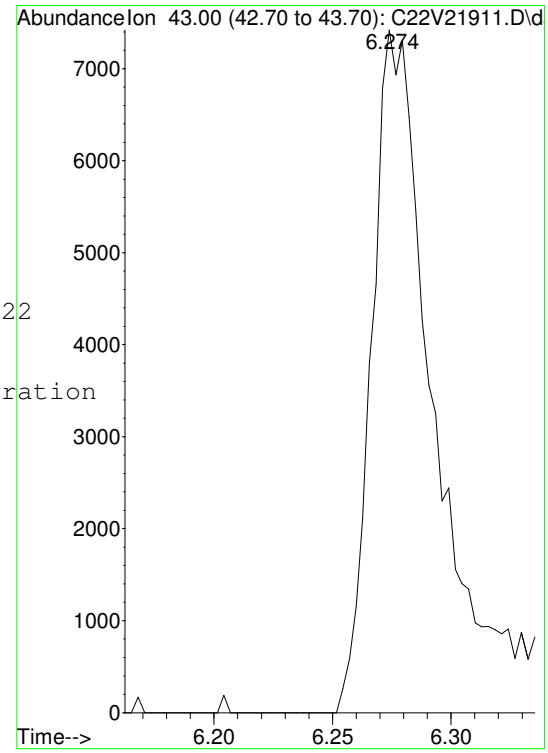
RT : 6.27
Area : 13001
Amount: 2.93969

Manual Int. Results

Mon Aug 08 12:16:31 2022

MIuser: EEH
Reason: Incorret Integration
RT : 6.27
Area : 16105
Amount: 3.64154

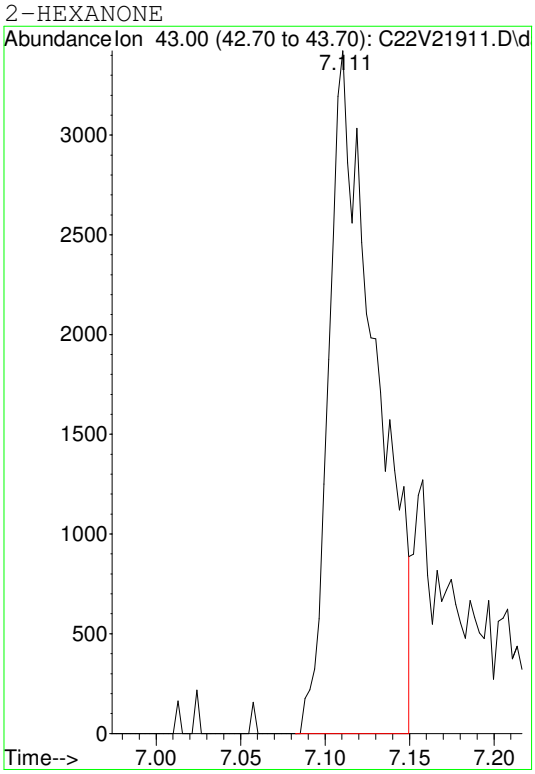
Manual Integration
MIBK



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-HEXANONE



Original Int. Results

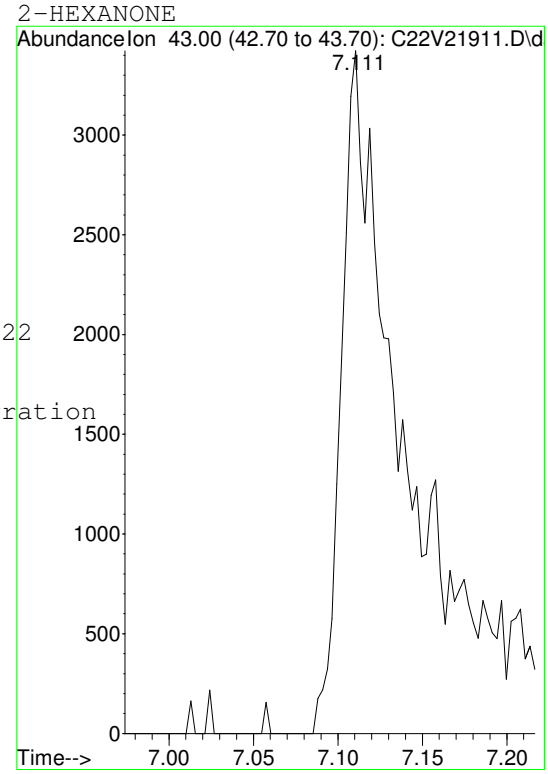
RT : 7.11
Area : 6642
Amount: 2.09102

Manual Int. Results

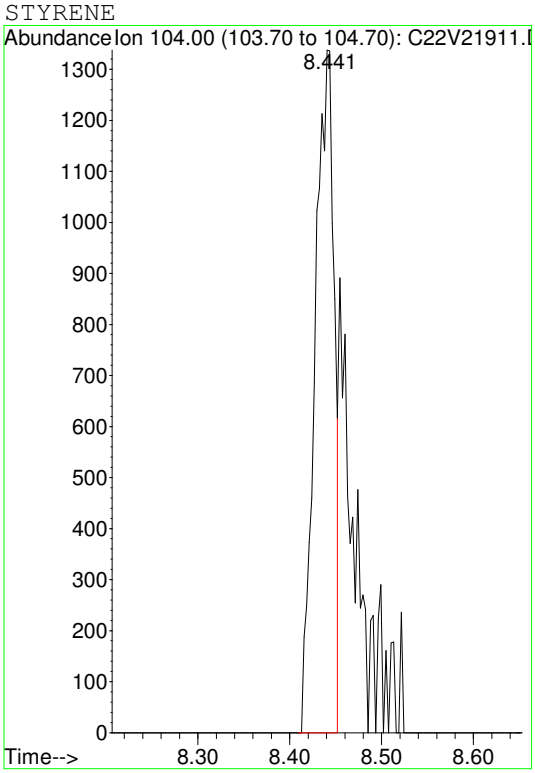
Mon Aug 08 12:16:38 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.11
Area : 10150
Amount: 3.1954

Manual Integration
2-HEXANONE



Original Integration
STYRENE



Original Int. Results

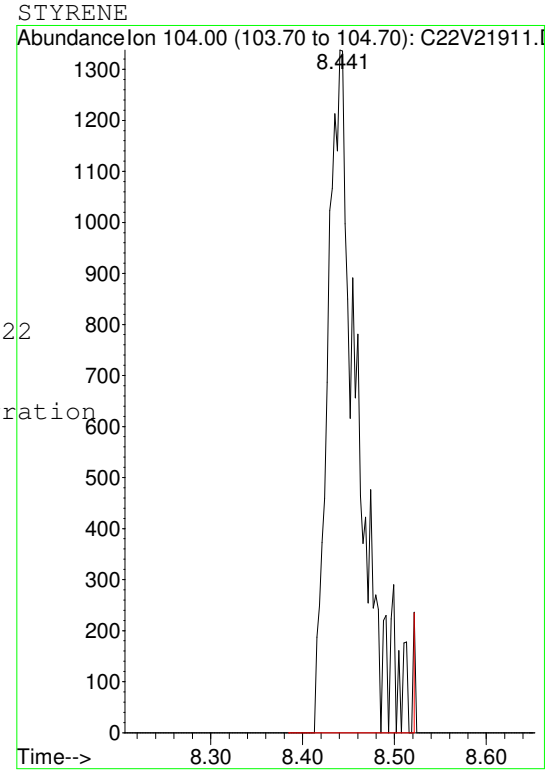
RT : 8.44
Area : 1930
Amount: 0.25909

Manual Int. Results

Mon Aug 08 12:16:46 2022

MIuser: EEH
Reason: Incorret Integration
RT : 8.44
Area : 3065
Amount: 0.411457

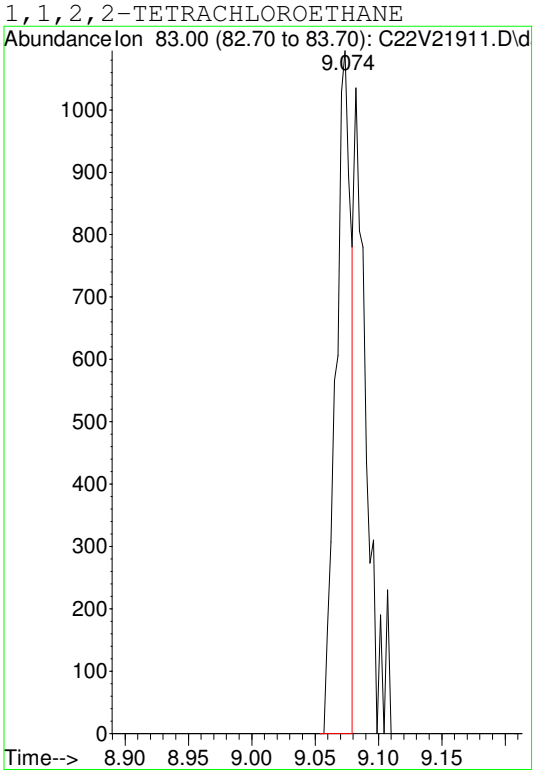
Manual Integration
STYRENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,1,2,2-TETRACHLOROETHANE



Original Int. Results

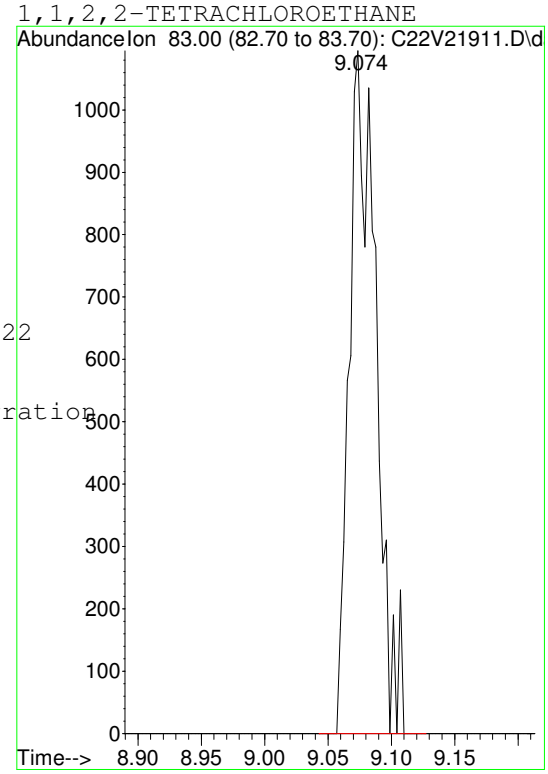
RT : 9.07
Area : 911
Amount: 0.223359

Manual Int. Results

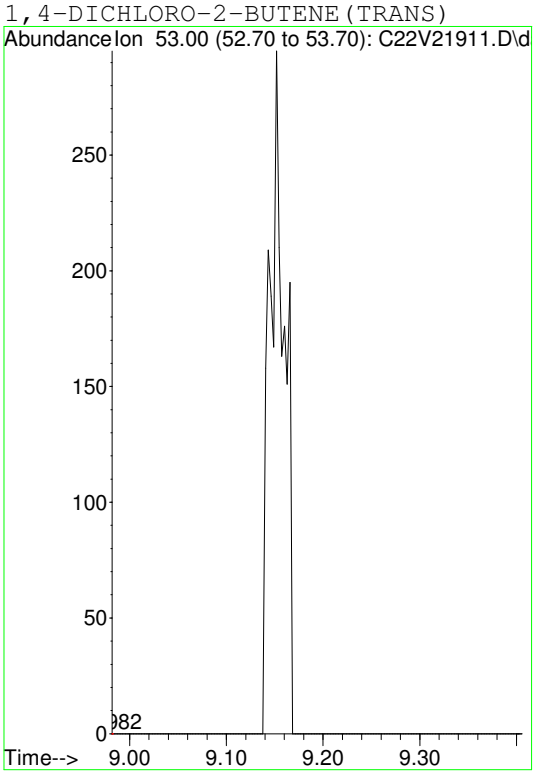
Mon Aug 08 12:16:51 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.07
Area : 1590
Amount: 0.389836

Manual Integration
1,1,2,2-TETRACHLOROETHANE



Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

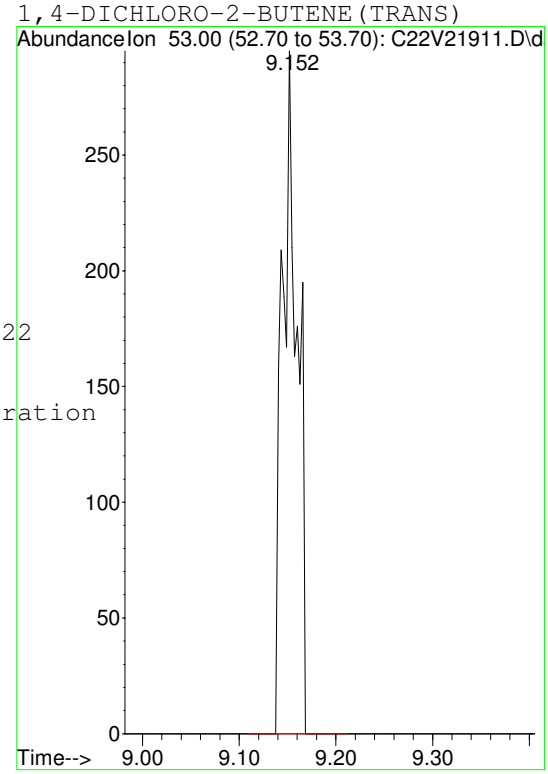
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:16:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.15
Area : 320
Amount: 0.310588

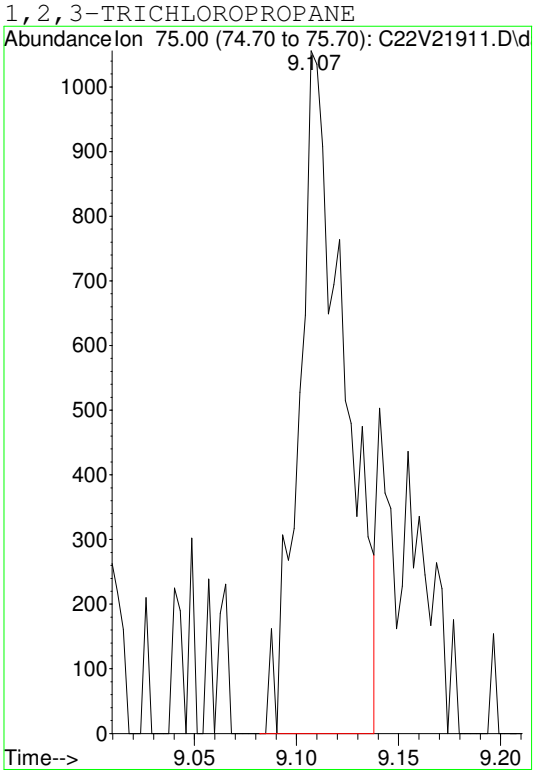
Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

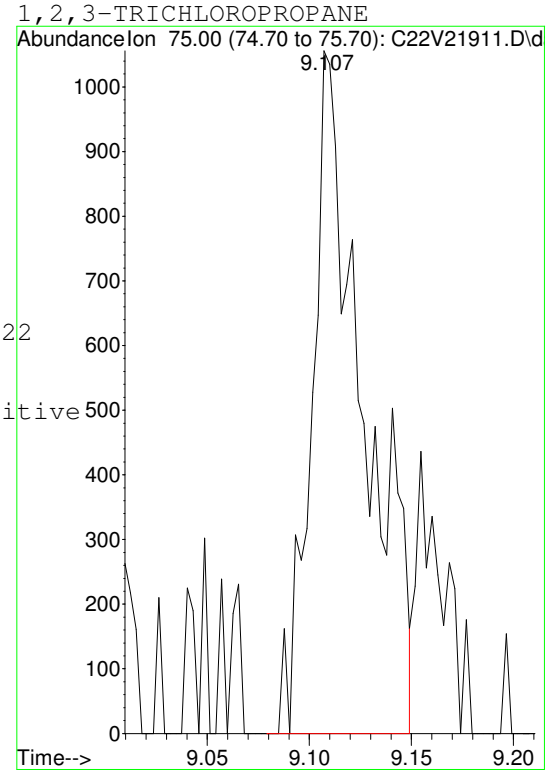
RT : 9.11
Area : 1627
Amount: 0.477466

Manual Int. Results

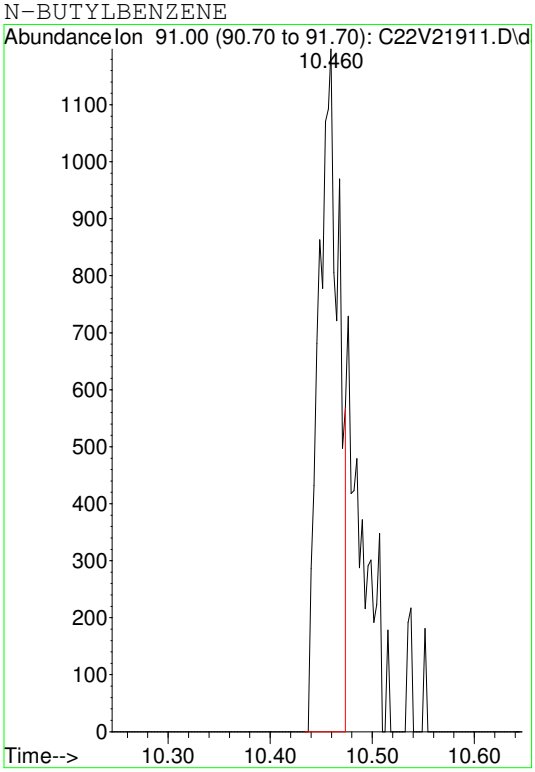
Mon Aug 08 12:16:59 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 9.11
Area : 1858
Amount: 0.545256

Manual Integration
1,2,3-TRICHLOROPROPANE



Original Integration
N-BUTYLBENZENE



Original Int. Results

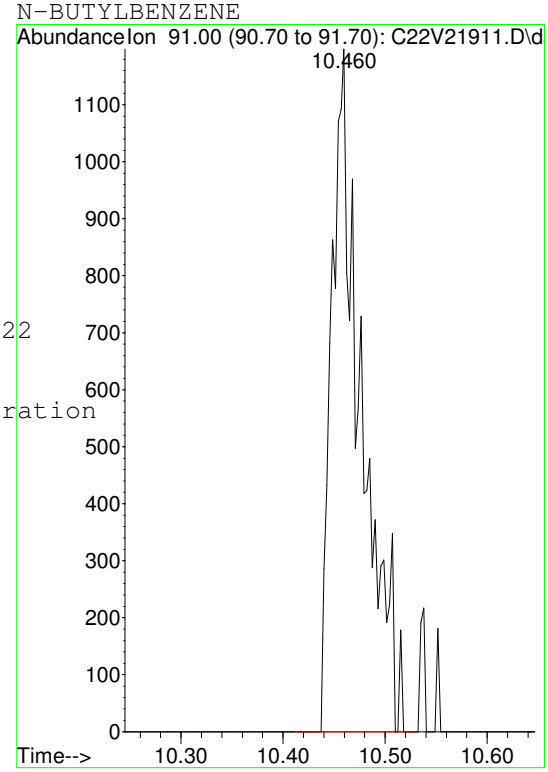
RT : 10.46
Area : 1667
Amount: 0.209662

Manual Int. Results

Mon Aug 08 12:17:16 2022

MIuser: EEH
Reason: Incorret Integration
RT : 10.46
Area : 2413
Amount: 0.303488

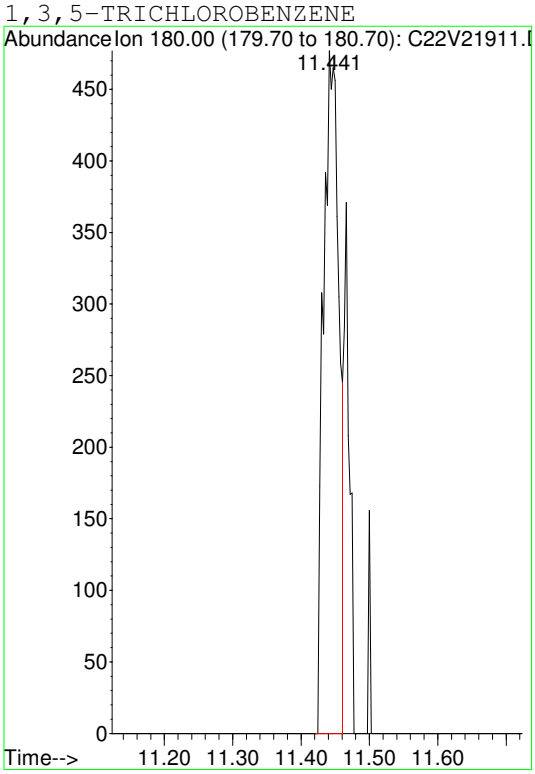
Manual Integration
N-BUTYLBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

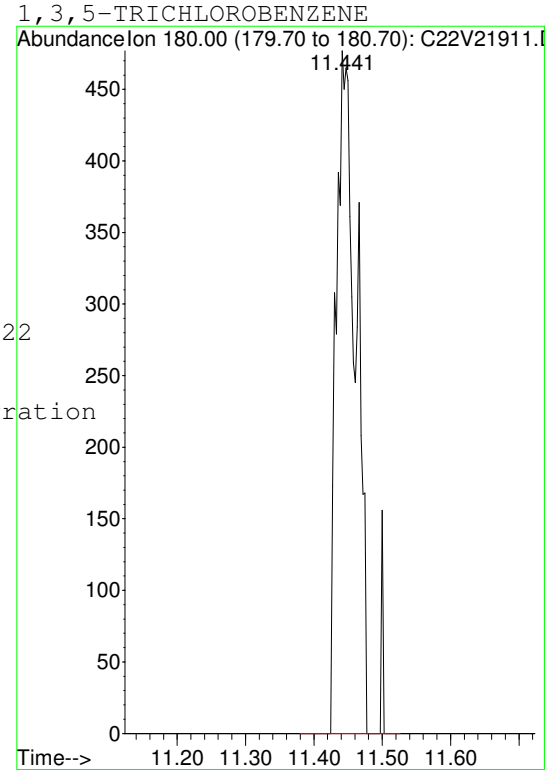
RT : 11.44
Area : 760
Amount: 0.207217

Manual Int. Results

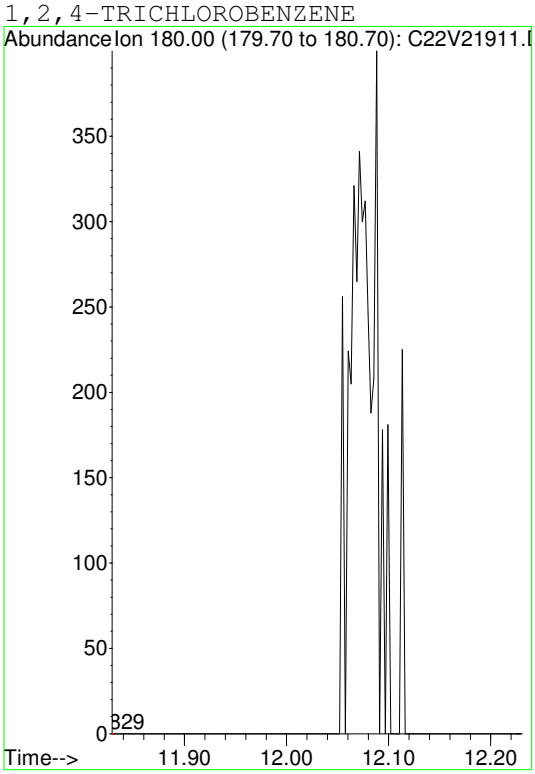
Mon Aug 08 12:17:20 2022

MIuser: EEH
Reason: Incorret Integration
RT : 11.44
Area : 986
Amount: 0.268837

Manual Integration
1,3,5-TRICHLOROBENZENE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

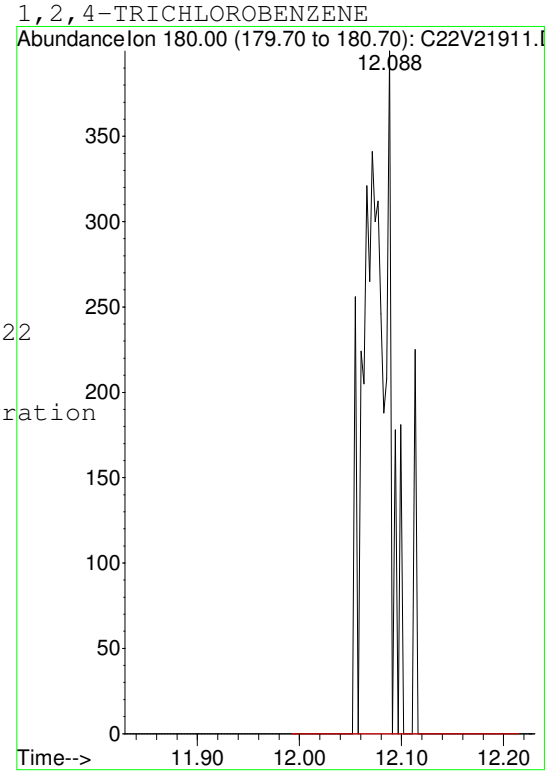
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:17:22 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.09
Area : 644
Amount: 0.186415

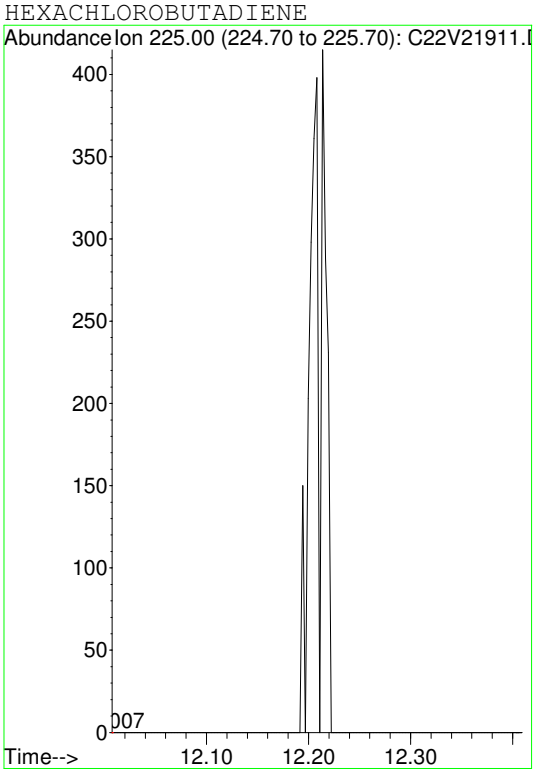
Manual Integration
1,2,4-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

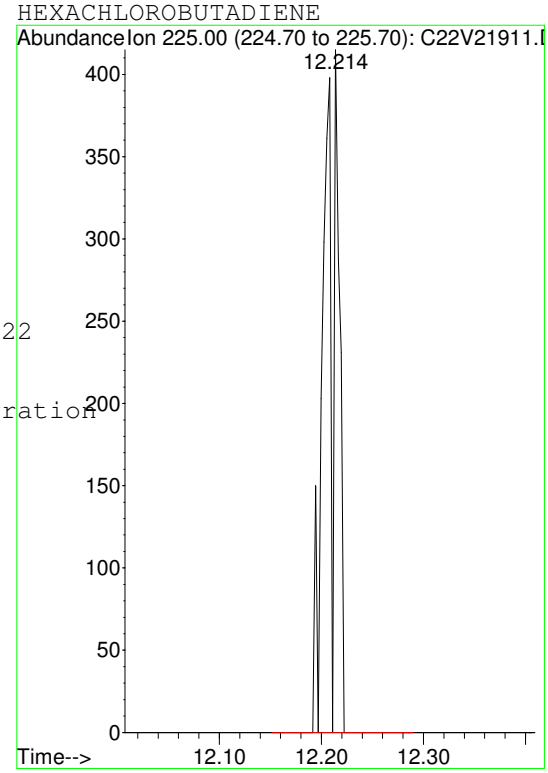
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

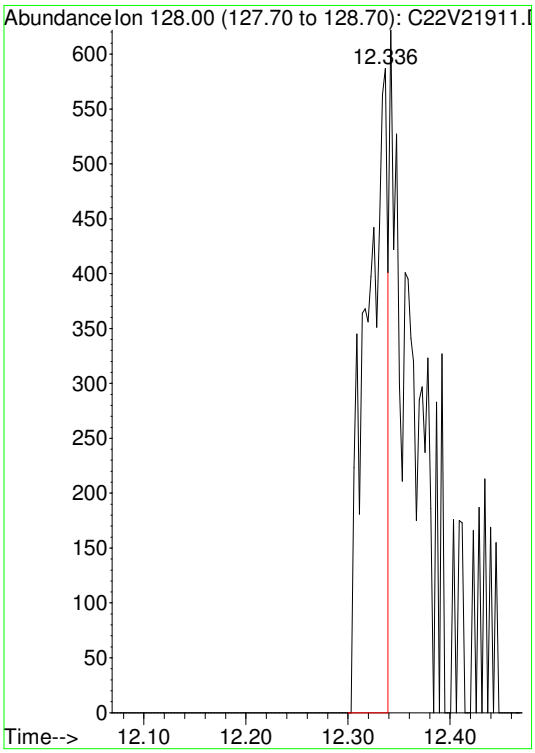
Mon Aug 08 12:17:24 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.21
Area : 392
Amount: 0.297959

Manual Integration
HEXACHLOROBUTADIENE



Original Integration
NAPHTHALENE



Original Int. Results

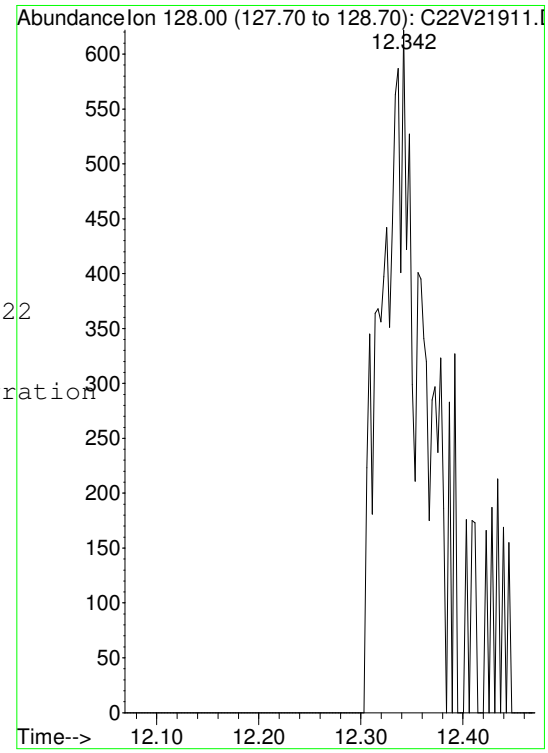
RT : 12.34
Area : 841
Amount: 0.0814378

Manual Int. Results

Mon Aug 08 12:17:27 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.34
Area : 2023
Amount: 0.195896

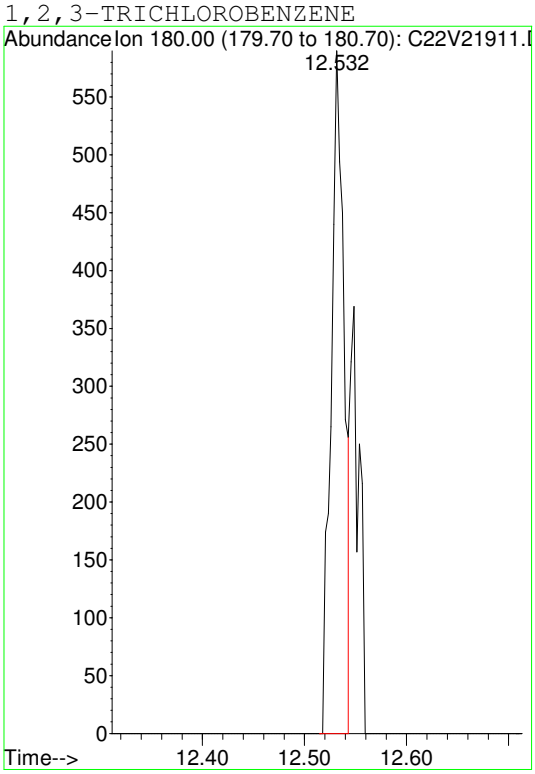
Manual Integration
NAPHTHALENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21911.D
Acq On : 8 Aug 2022 11:09 am
Operator :
Sample : 8260STD 0.5PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:17:29 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

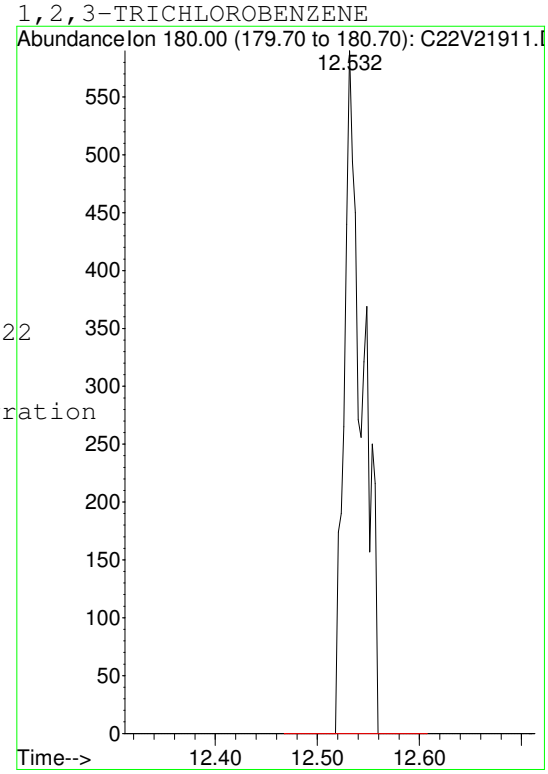
RT : 12.53
Area : 524
Amount: 0.15271

Manual Int. Results

Mon Aug 08 12:17:29 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.53
Area : 743
Amount: 0.216533

Manual Integration
1,2,3-TRICHLOROBENZENE



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	192447	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	284819	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	138767	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	130928	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91212	25.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%				
49) TOLUENE SS	6.352	98	277384	24.42	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.68%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	100585	24.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	2878	0.92	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.093	51	3405	0.91	UG/L	#	100
5) CHLOROMETHANE	1.196	50	5363	1.28	UG/L	#	32
6) VINYL CHLORIDE	1.263	62	3208	0.96	UG/L	#	29
7) BROMOMETHANE	1.455	94	2727m	1.49	UG/L		
8) CHLOROETHANE	1.516	64	2453m	1.33	UG/L		
9) FLUORODICHLOROMETHANE	1.636	67	5353	1.06	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.678	101	3989	1.07	UG/L		100
11) ETHANOL	1.795	45	1338	20.40	UG/L	#	38
12) DI ETHYL ETHER	1.862	59	2406	1.01	UG/L		99
13) ACROLEIN	1.957	56	5428	6.85	UG/L		95
14) ACETONE	2.066	43	12127	10.05	UG/L		99
15) 1,1-DICHLOROETHENE	2.021	61	4121	1.11	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	2519	1.23	UG/L		82
17) IODOMETHANE	2.141	142	24473	8.03	UG/L		98
20) METHYL ACETATE	2.320	43	4803	1.28	UG/L	#	94
21) T-BUTYL ALCOHOL	2.509	59	4346	9.36	UG/L	#	92
22) ACRYLONITRILE	2.615	53	1430	0.90	UG/L	#	59
23) METHYLENE CHLORIDE	2.398	49	4227	1.07	UG/L		100
24) CARBON DISULFIDE	2.191	76	77457	10.78	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.637	73	9066	1.08	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.635	61	4062	1.05	UG/L		91
27) 1,1-DICHLOROETHANE	3.042	63	5014	0.97	UG/L	#	79
28) VINYL ACETATE	3.112	43	79237	7.99	UG/L		99
29) DI ISOPROYL ETHER	3.126	45	9583	0.86	UG/L		97
31) 2-BUTANONE	3.683	43	15358	7.09	UG/L		96
32) T-BUTYL ETHYL ETHER	3.502	59	8452m	0.91	UG/L		
33) CIS-1,2-DICHLOROETHENE	3.647	61	4216	0.94	UG/L		98
34) 2,2-DICHLOROPROPANE	3.630	77	3933m	1.02	UG/L		
35) ETHYL ACETATE	3.759	43	4664m	1.07	UG/L		
38) BROMOCHLOROMETHANE	3.881	49	2407	0.91	UG/L		98
39) TETRAHYDROFURAN	3.962	42	1017	0.79	UG/L	#	40
40) CHLOROFORM	3.976	83	4492	0.94	UG/L		100
41) 1,1,1-TRICHLOROETHANE	4.143	97	3891	1.02	UG/L		91
42) CYCLOHEXANE	4.194	56	7651	1.69	UG/L	#	64
43) CARBON TETRACHLORIDE	4.300	117	3278m	1.02	UG/L		
44) 1,1-DICHLOROPROPENE	4.313	75	3505	0.99	UG/L	#	90
45) BENZENE	4.523	78	10449	0.94	UG/L	#	1
47) T-AMYLMETHYL ETHER	4.648	73	7921	0.96	UG/L		97
50) 1,2-DICHLOROETHANE	4.550	62	3854	0.99	UG/L	#	74
51) TRICHLOROETHENE	5.167	95	2543	1.01	UG/L		91
52) METHYLCYCLOHEXANE	5.334	83	3112m	0.91	UG/L		
53) 1,2-DICHLOROPROPANE	5.384	63	2629	0.88	UG/L	#	97

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

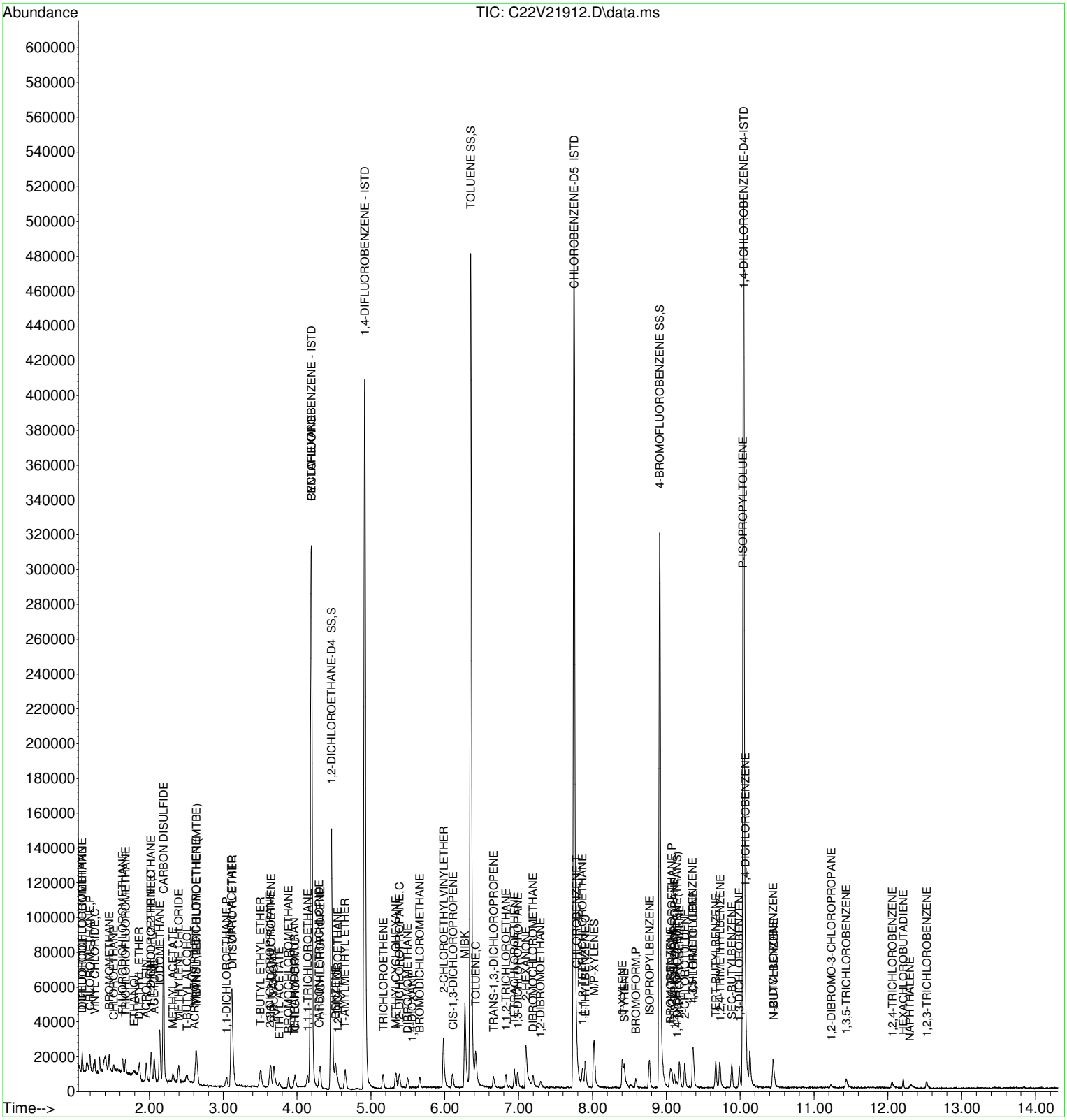
Quant Time: Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	5.499	93	1756	0.94	UG/L		93
56) 1,4-DIOXANE	5.557	88	274m	6.23	UG/L		
57) BROMODICHLOROMETHANE	5.660	83	3644	1.02	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.984	63	11832m	8.07	UG/L		
59) MIBK	6.274	43	35205m	7.96	UG/L		
60) CIS-1,3-DICHLOROPROPENE	6.112	75	4317	0.94	UG/L		92
61) TOLUENE	6.419	91	10805	0.98	UG/L		92
62) TRANS-1,3,-DICHLOROPRO...	6.659	75	3461	0.84	UG/L		90
64) 1,1,2-TRICHLOROETHANE	6.826	97	2495	0.96	UG/L	#	82
65) 2-HEXANONE	7.099	43	23827m	7.50	UG/L		
66) TETRACHLOROETHENE	6.946	166	2487	0.98	UG/L		97
67) 1,3-DICHLOROPROPANE	6.988	76	4334	0.90	UG/L		96
68) DIBROMOCHLOROMETHANE	7.194	129	2922	0.98	UG/L		90
69) 1,2-DIBROMOETHANE	7.292	107	2605m	0.90	UG/L		
72) CHLOROBENZENE	7.783	112	6843	1.00	UG/L		94
73) 1,1,1,2-TETRACHLOROETHANE	7.861	131	2623	1.07	UG/L	#	64
74) ETHYLBENZENE	7.902	91	10954	0.93	UG/L		95
75) M/P-XYLENES	8.022	91	16880	1.89	UG/L		98
76) 0-XYLENE	8.404	91	9049	0.98	UG/L		94
77) STYRENE	8.432	104	6817	0.92	UG/L		93
78) BROMOFORM	8.586	173	2112	0.98	UG/L	#	69
79) ISOPROPYLBENZENE	8.772	105	10121	0.95	UG/L		97
81) 1,1,2,2-TETRACHLOROETHANE	9.074	83	3798	0.94	UG/L	#	89
82) 1,4-DICHLORO-2-BUTENE(...	9.146	53	847m	0.83	UG/L		
83) BROMOBENZENE	9.054	77	4767m	0.97	UG/L		
84) 1,2,3-TRICHLOROPROPANE	9.110	75	3907m	1.15	UG/L		
85) N-PROPYLBENZENE	9.177	91	11568	0.92	UG/L		96
86) 2-CHLOROT0LUENE	9.249	91	7139	0.90	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	8348	0.94	UG/L		95
88) 4-CHLOROTOLUENE	9.364	91	8952	0.99	UG/L		92
90) TERT-BUTYLBENZENE	9.670	119	7013	0.99	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	9.729	105	8498	0.95	UG/L		98
92) SEC-BUTYLBENZENE	9.888	105	9490	0.95	UG/L		94
93) 1,3-DICHLOROBENZENE	9.988	146	4968	0.96	UG/L		97
94) P-ISOPROPYLTOLUENE	10.036	119	7798	0.91	UG/L		96
95) 1,4-DICHLOROBENZENE	10.069	146	5771	1.05	UG/L	#	92
97) N-BUTYLBENZENE	10.454	91	5365	0.69	UG/L	#	46
98) 1,2-DICHLOROBENZENE	10.443	146	4704	0.90	UG/L		93
99) 1,2-DIBROMO-3-CHLOROPR...	11.232	75	579m	0.81	UG/L		
100) 1,3,5-TRICHLOROBENZENE	11.436	180	2944m	0.83	UG/L		
101) 1,2,4-TRICHLOROBENZENE	12.057	180	2026m	0.60	UG/L		
102) HEXACHLOROBUTADIENE	12.205	225	987m	0.77	UG/L		
103) NAPHTHALENE	12.297	128	5327m	0.53	UG/L		
104) 1,2,3-TRICHLOROBENZENE	12.526	180	2110m	0.63	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

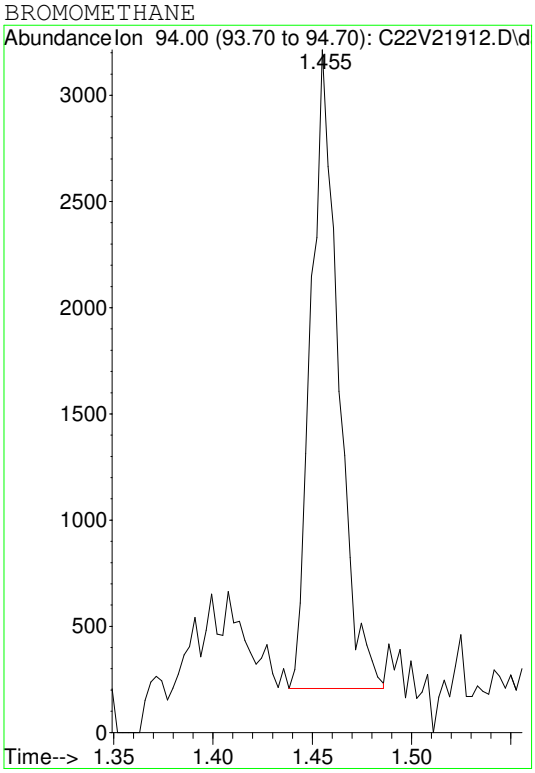
Quant Time: Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
BROMOMETHANE



Original Int. Results

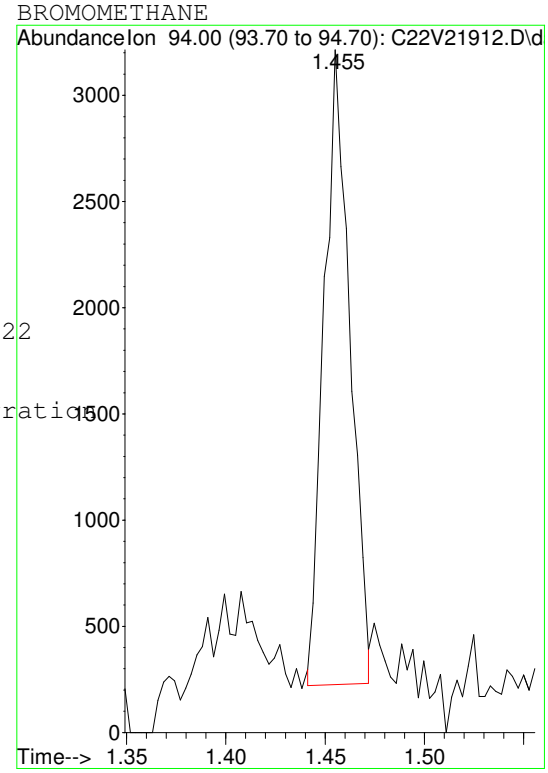
RT : 1.46
Area : 2897
Amount: 1.58617

Manual Int. Results

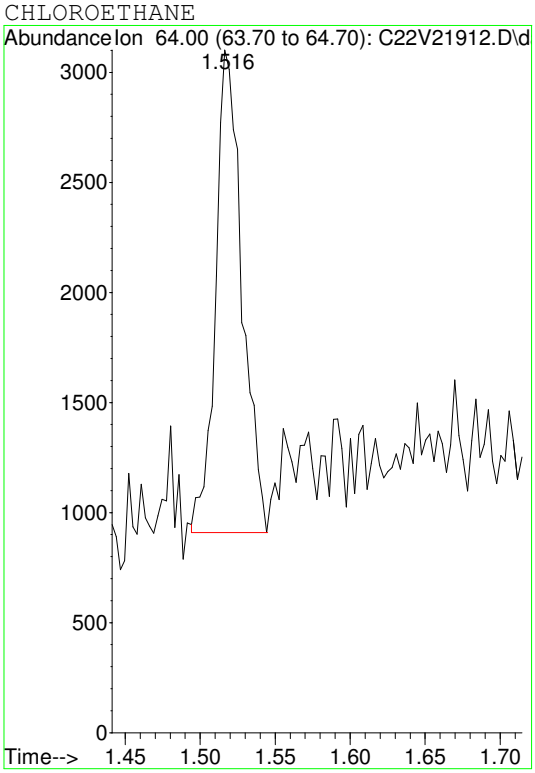
Mon Aug 08 12:17:52 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.46
Area : 2727
Amount: 1.49309

Manual Integration
BROMOMETHANE



Original Integration
CHLOROETHANE



Original Int. Results

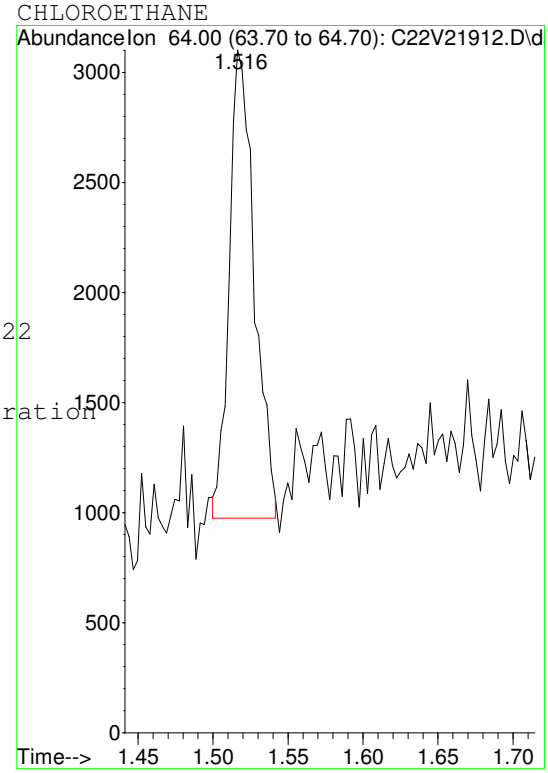
RT : 1.52
Area : 2673
Amount: 1.44605

Manual Int. Results

Mon Aug 08 12:17:58 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.52
Area : 2453
Amount: 1.32704

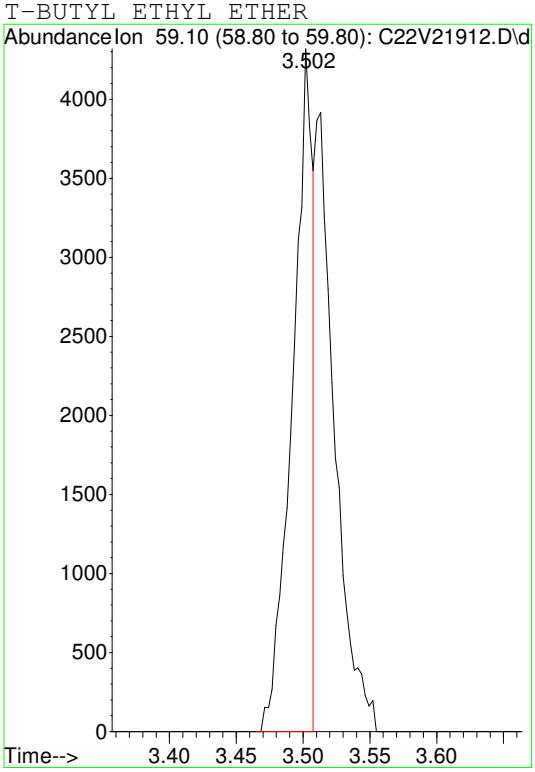
Manual Integration
CHLOROETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
T-BUTYL ETHYL ETHER



Original Int. Results

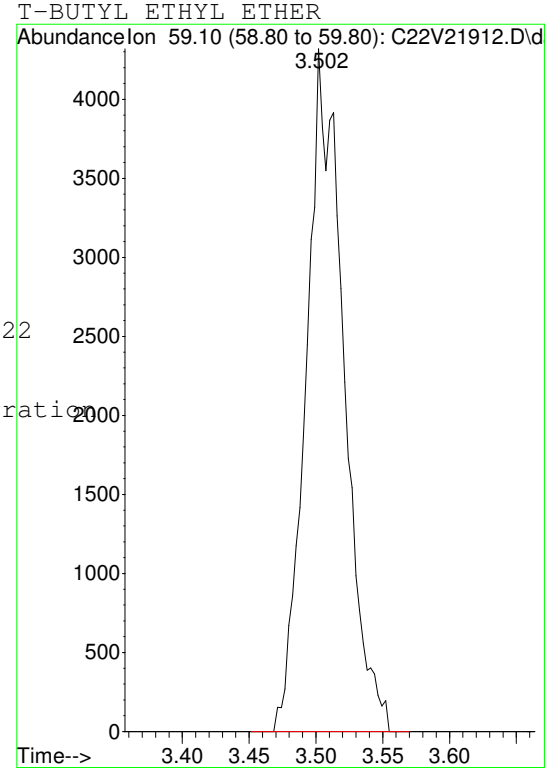
RT : 3.50
Area : 4542
Amount: 0.48786

Manual Int. Results

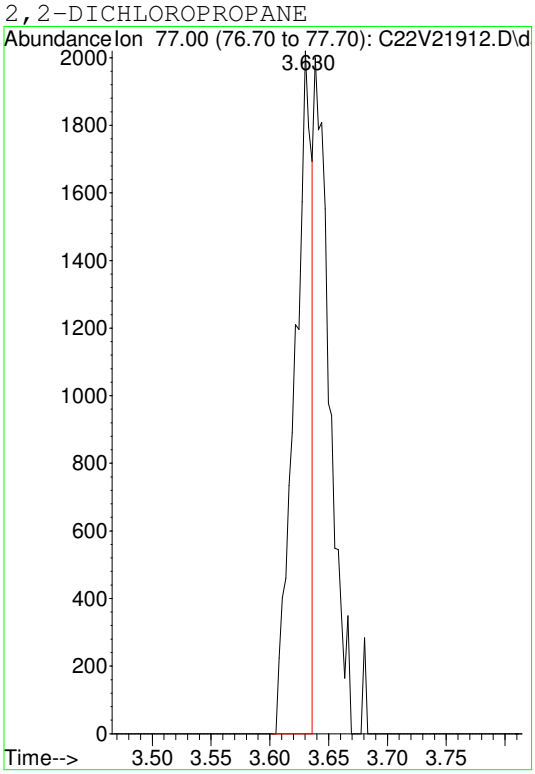
Mon Aug 08 12:18:17 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.50
Area : 8452
Amount: 0.907836

Manual Integration
T-BUTYL ETHYL ETHER



Original Integration
2,2-DICHLOROPROPANE



Original Int. Results

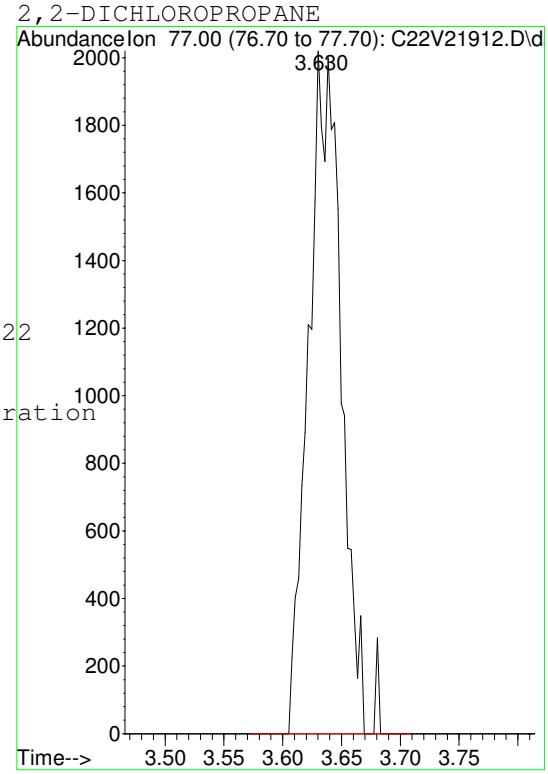
RT : 3.63
Area : 2041
Amount: 0.527574

Manual Int. Results

Mon Aug 08 12:18:20 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.63
Area : 3933
Amount: 1.01663

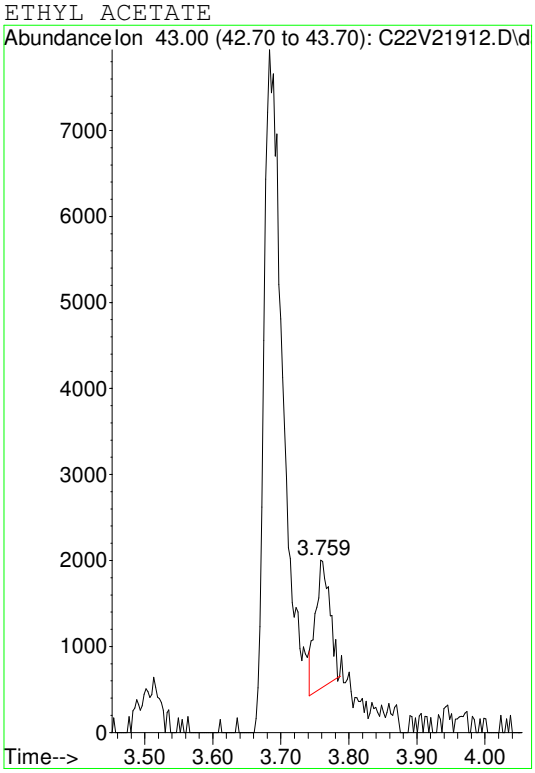
Manual Integration
2,2-DICHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ETHYL ACETATE



Original Int. Results

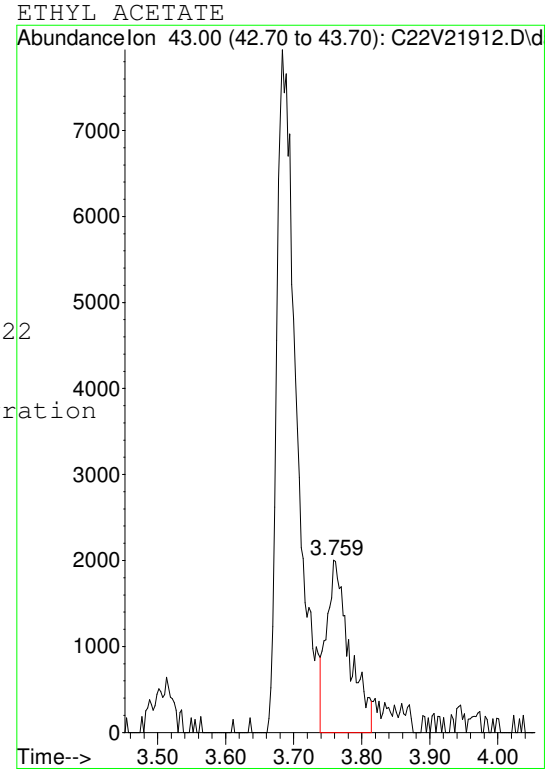
RT : 3.76
Area : 2175
Amount: 0.496728

Manual Int. Results

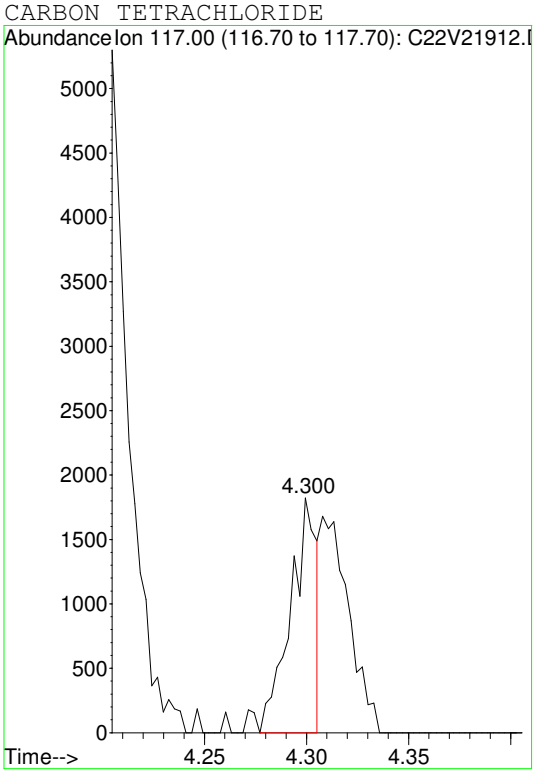
Mon Aug 08 12:18:24 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.76
Area : 4664
Amount: 1.06517

Manual Integration
ETHYL ACETATE



Original Integration
CARBON TETRACHLORIDE



Original Int. Results

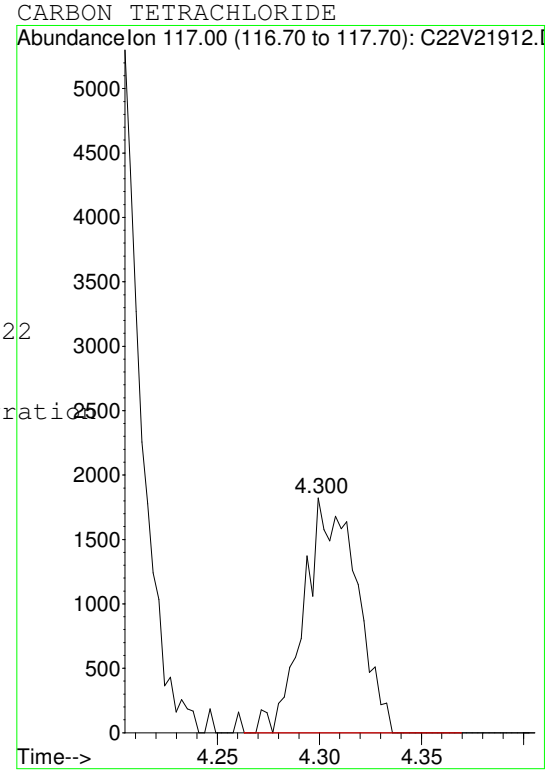
RT : 4.30
Area : 1614
Amount: 0.503496

Manual Int. Results

Mon Aug 08 12:18:32 2022

MIuser: EEH
Reason: Incorret Integration
RT : 4.30
Area : 3278
Amount: 1.02259

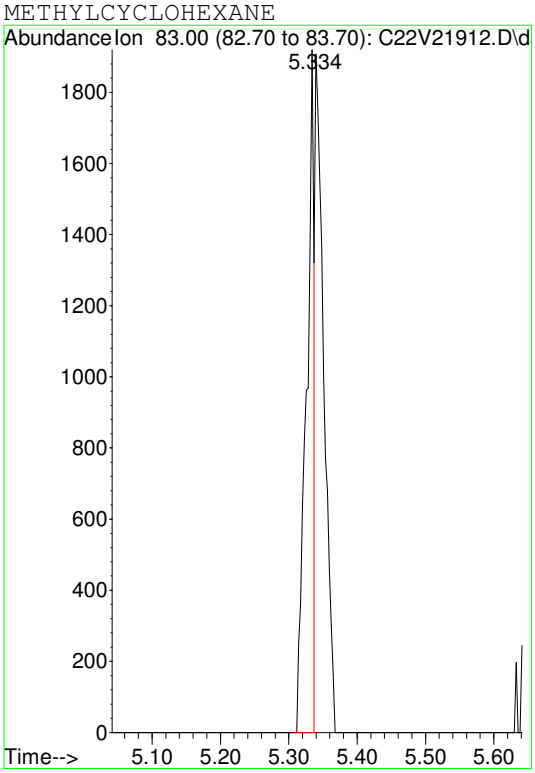
Manual Integration
CARBON TETRACHLORIDE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
METHYLCYCLOHEXANE



Original Int. Results

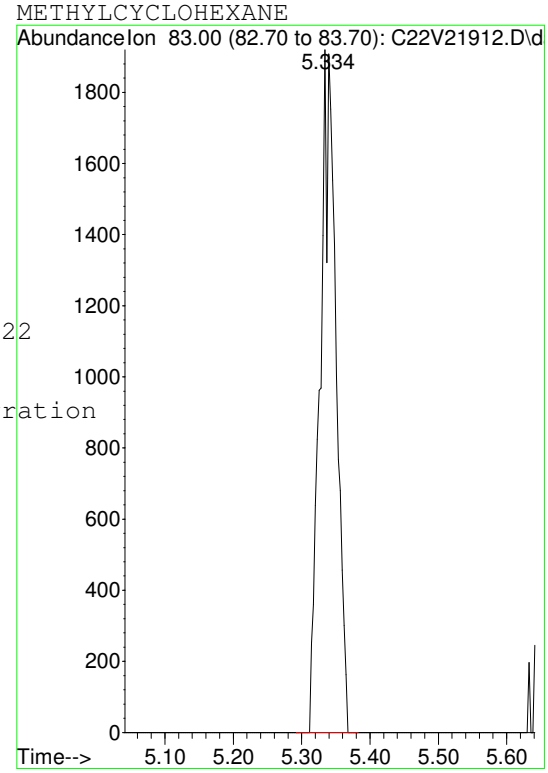
RT : 5.33
Area : 1446
Amount: 0.421656

Manual Int. Results

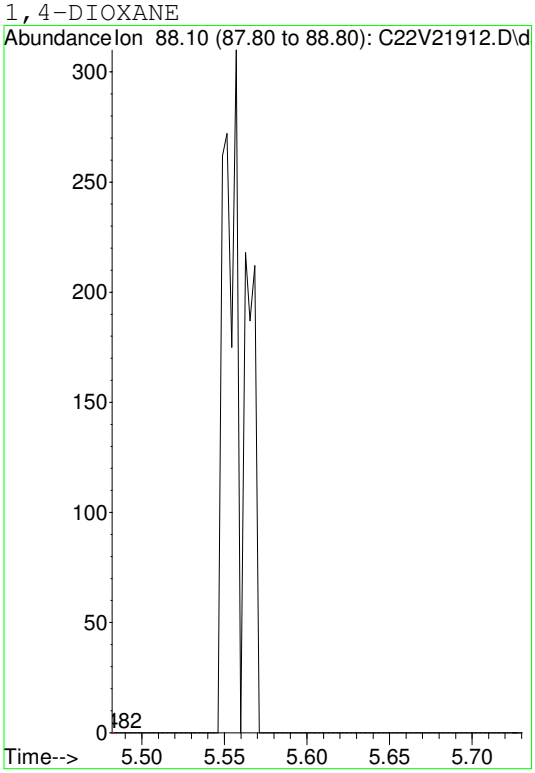
Mon Aug 08 12:18:41 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.33
Area : 3112
Amount: 0.907465

Manual Integration
METHYLCYCLOHEXANE



Original Integration
1,4-DIOXANE



Original Int. Results

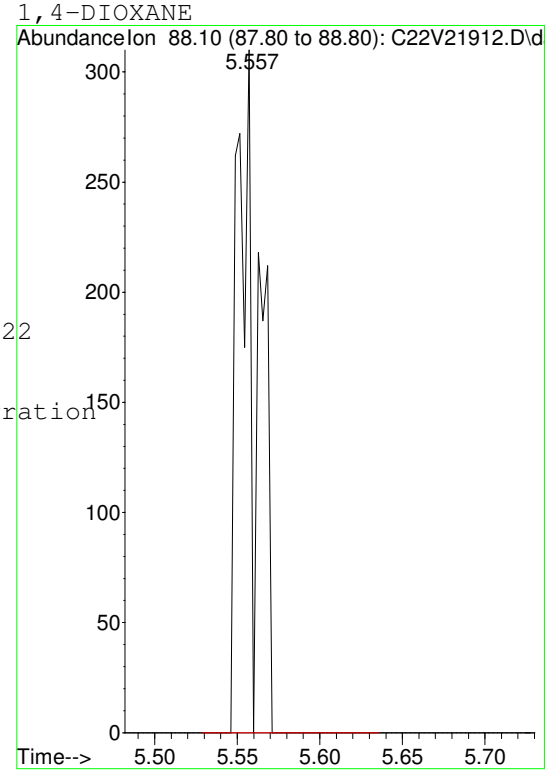
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:18:49 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.56
Area : 274
Amount: 6.22641

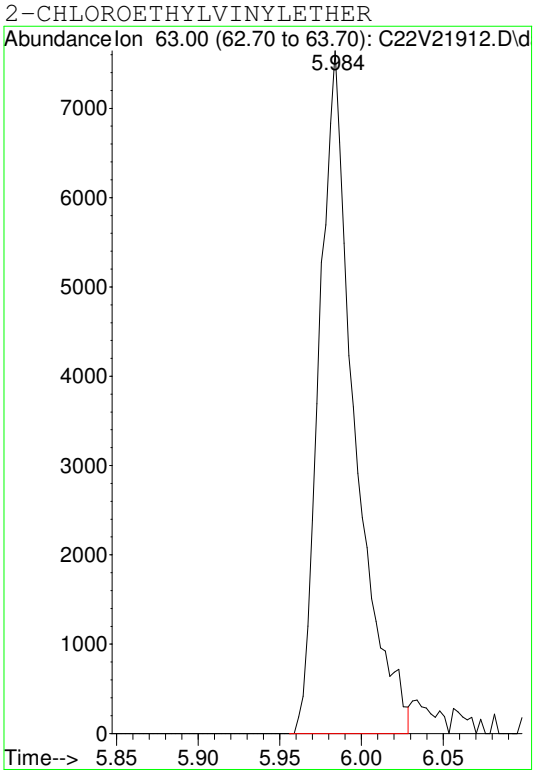
Manual Integration
1,4-DIOXANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-CHLOROETHYLVINYLETHER



Original Int. Results

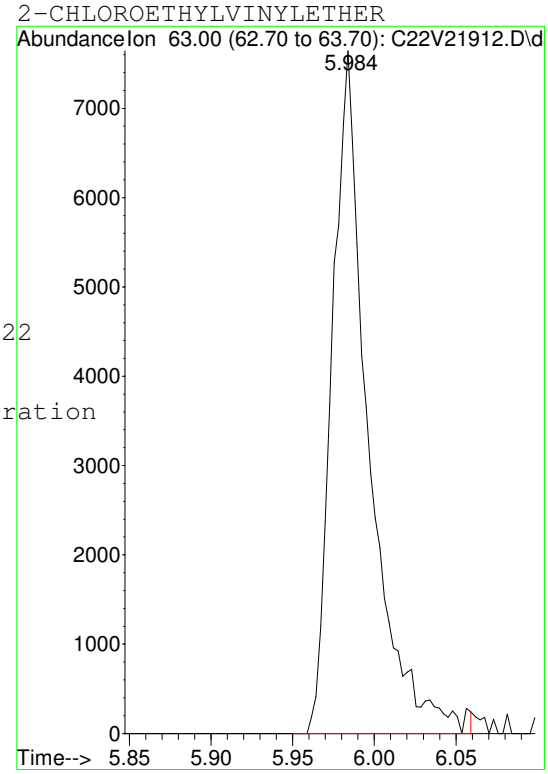
RT : 5.98
Area : 11382
Amount: 7.76174

Manual Int. Results

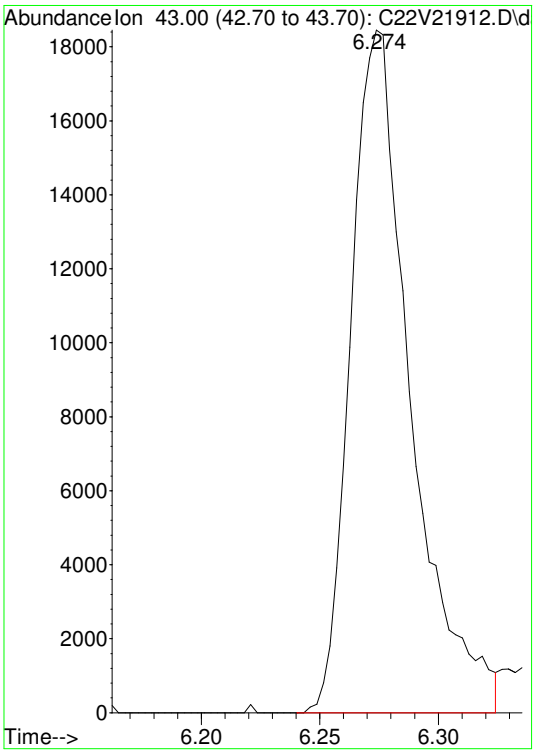
Mon Aug 08 12:18:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.98
Area : 11832
Amount: 8.06861

Manual Integration
2-CHLOROETHYLVINYLETHER



Original Integration
MIBK



Original Int. Results

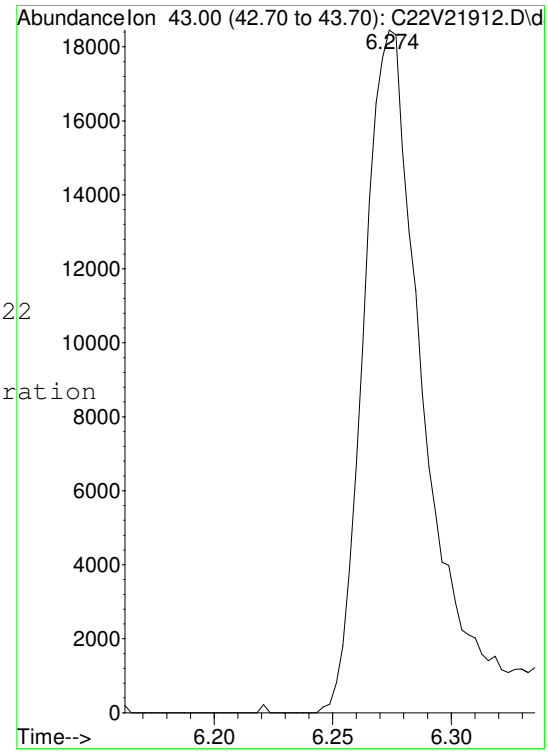
RT : 6.27
Area : 32264
Amount: 7.29887

Manual Int. Results

Mon Aug 08 12:18:58 2022

MIuser: EEH
Reason: Incorret Integration
RT : 6.27
Area : 35205
Amount: 7.96419

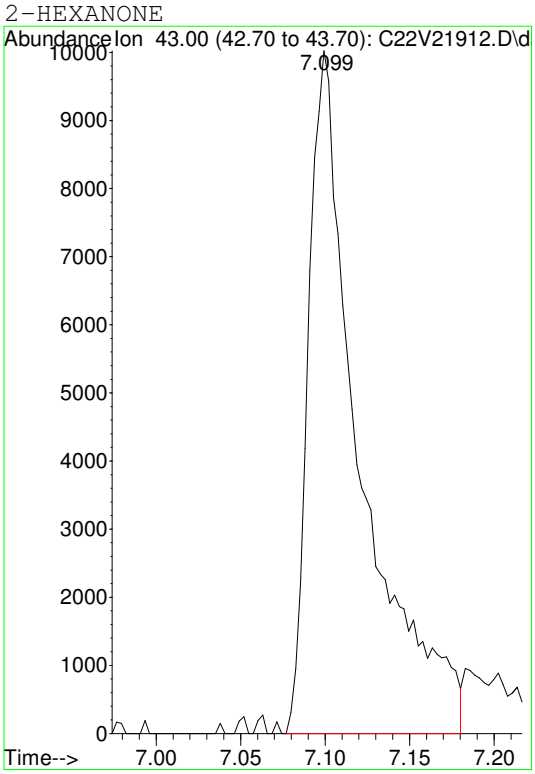
Manual Integration
MIBK



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-HEXANONE



Original Int. Results

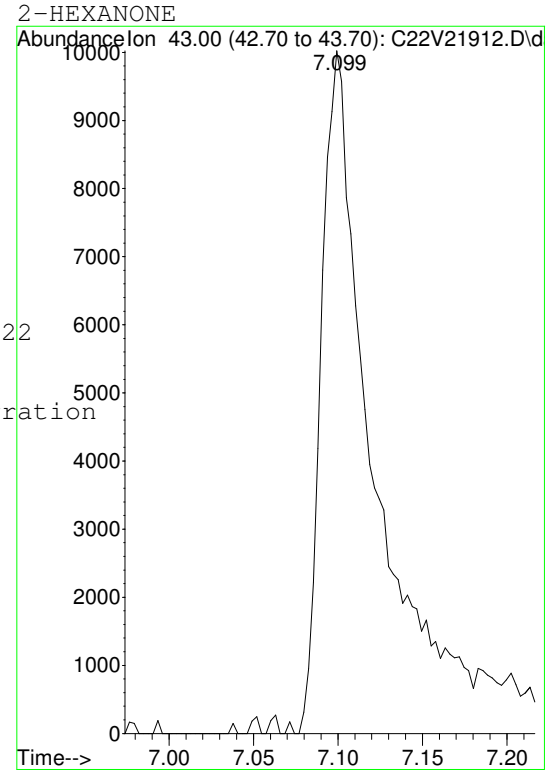
RT : 7.10
Area : 21157
Amount: 6.66388

Manual Int. Results

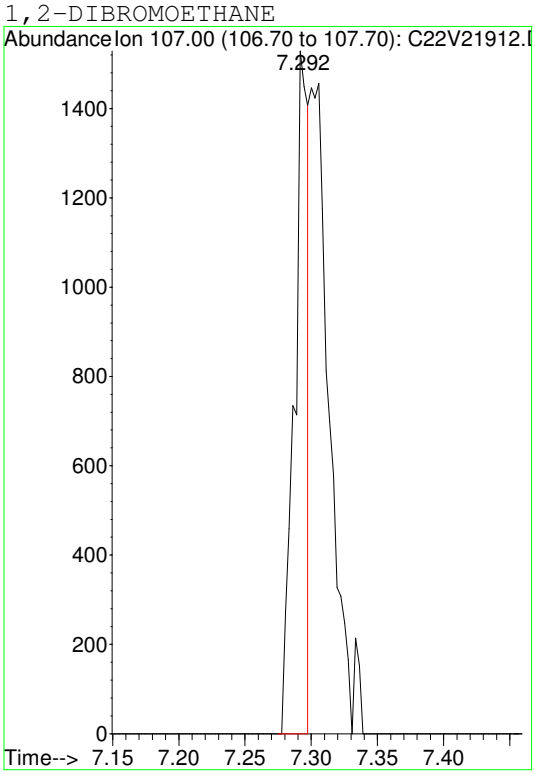
Mon Aug 08 12:19:06 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.10
Area : 23827
Amount: 7.50486

Manual Integration
2-HEXANONE



Original Integration
1,2-DIBROMOETHANE



Original Int. Results

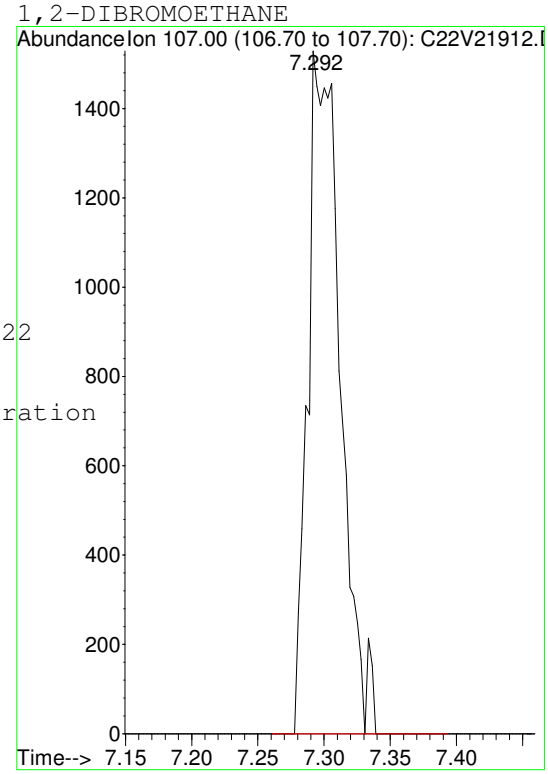
RT : 7.29
Area : 1099
Amount: 0.379955

Manual Int. Results

Mon Aug 08 12:19:11 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.29
Area : 2605
Amount: 0.900622

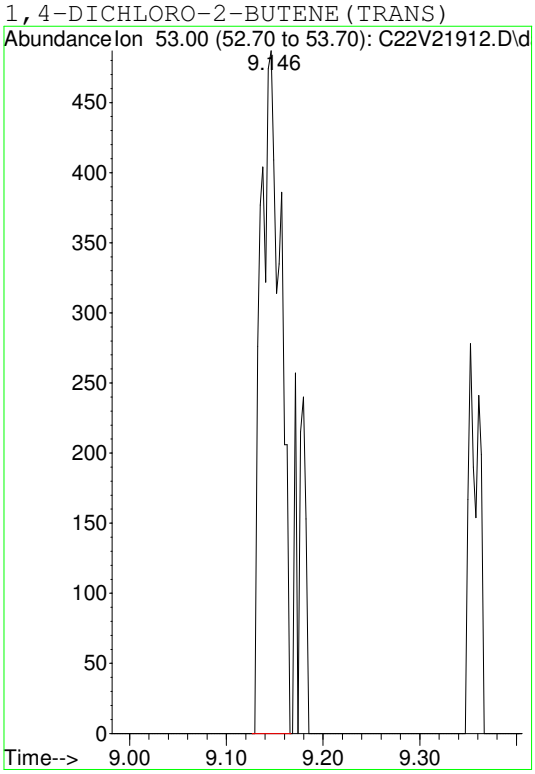
Manual Integration
1,2-DIBROMOETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

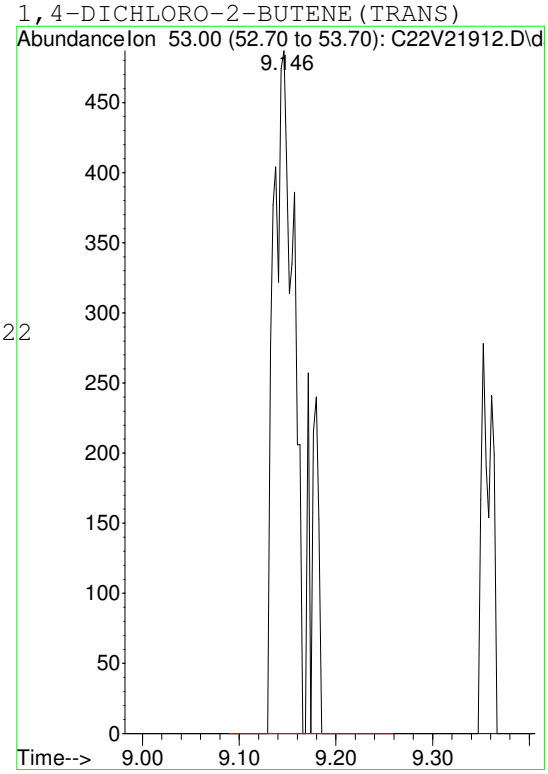
RT : 9.15
Area : 702
Amount: 0.684278

Manual Int. Results

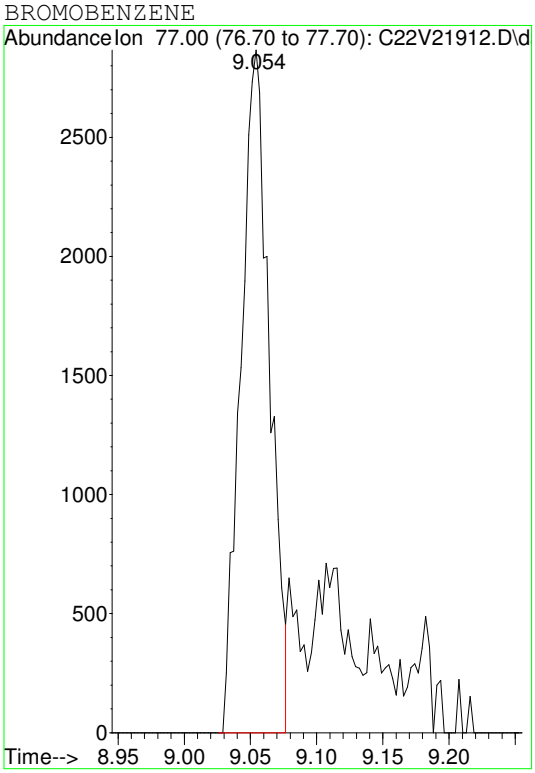
Mon Aug 08 12:19:21 2022

MIuser: EEH
Reason: Other
RT : 9.15
Area : 847
Amount: 0.825617

Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Integration
BROMOBENZENE



Original Int. Results

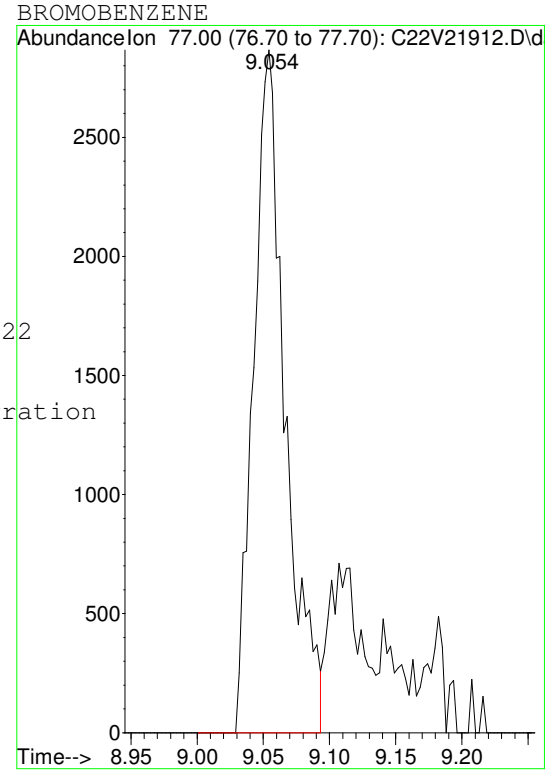
RT : 9.05
Area : 4329
Amount: 0.88539

Manual Int. Results

Mon Aug 08 12:19:25 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.05
Area : 4767
Amount: 0.974972

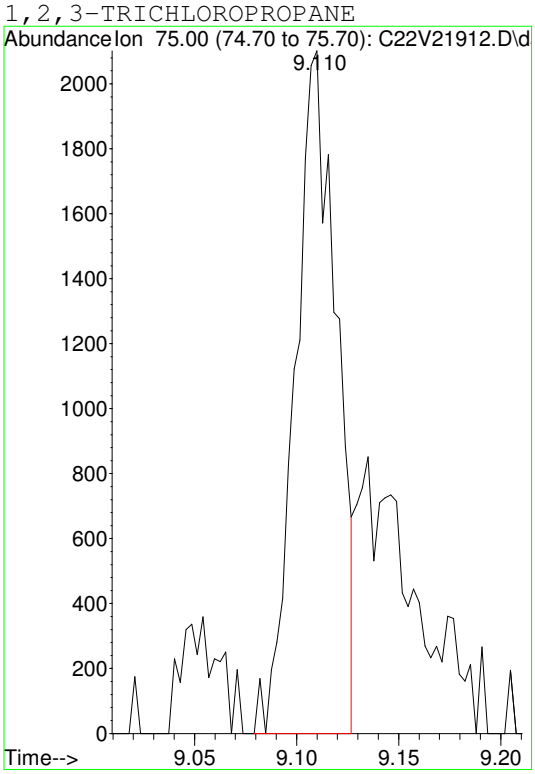
Manual Integration
BROMOBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

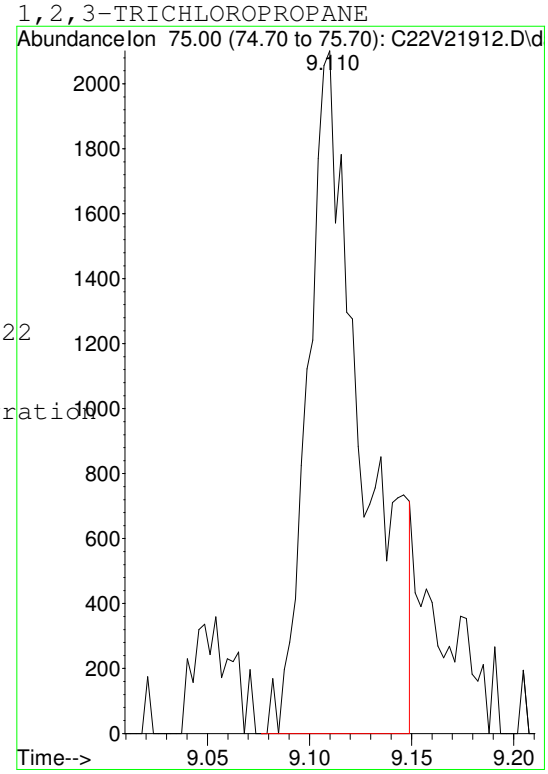
RT : 9.11
Area : 2949
Amount: 0.869142

Manual Int. Results

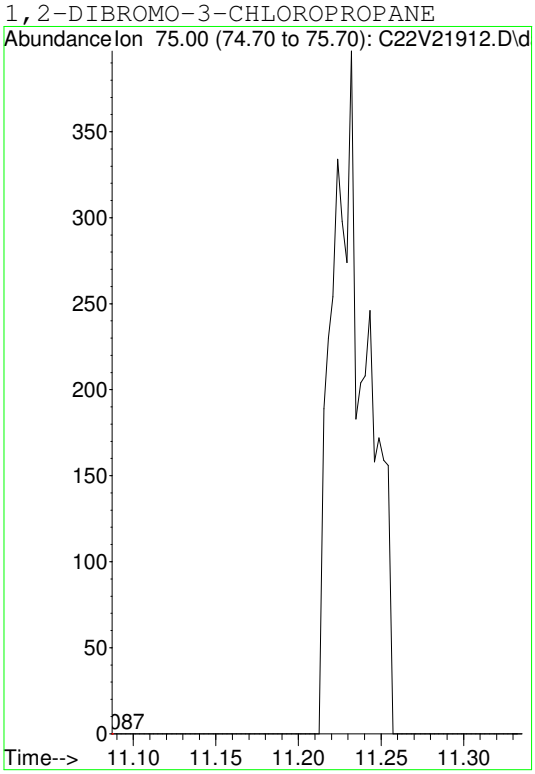
Mon Aug 08 12:19:29 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.11
Area : 3907
Amount: 1.15149

Manual Integration
1,2,3-TRICHLOROPROPANE



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

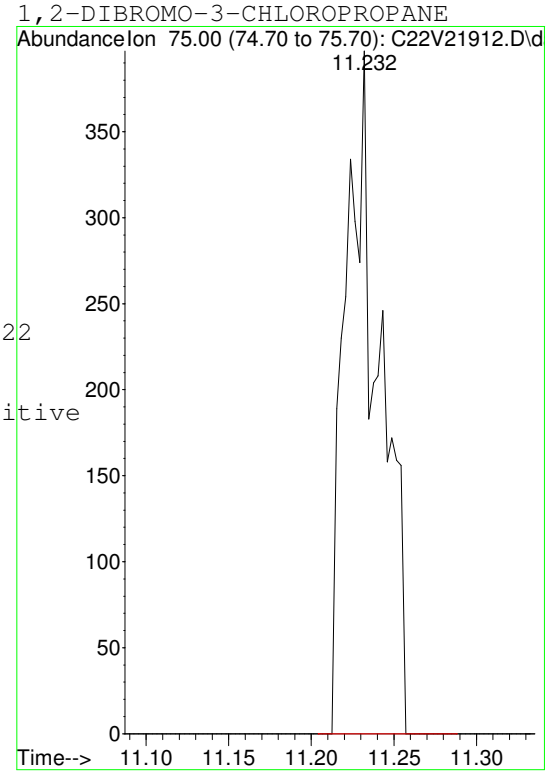
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:19:39 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 11.23
Area : 579
Amount: 0.806502

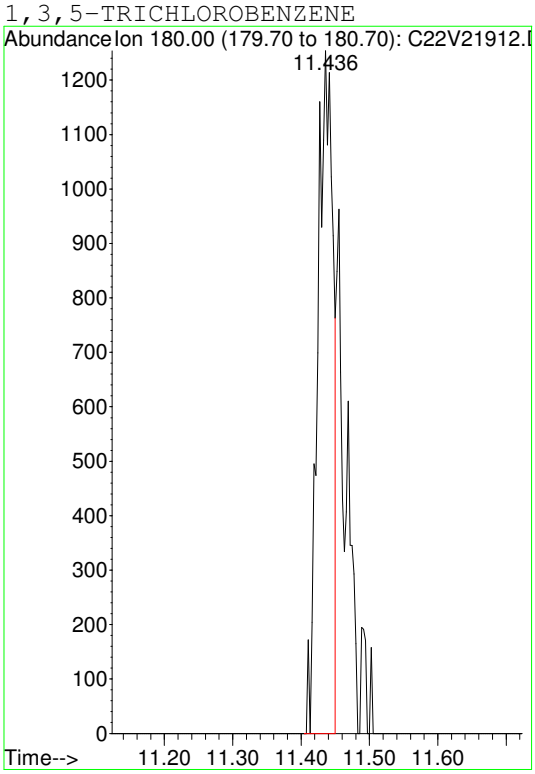
Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,3,5-TRICHLOROBENZENE



Original Int. Results

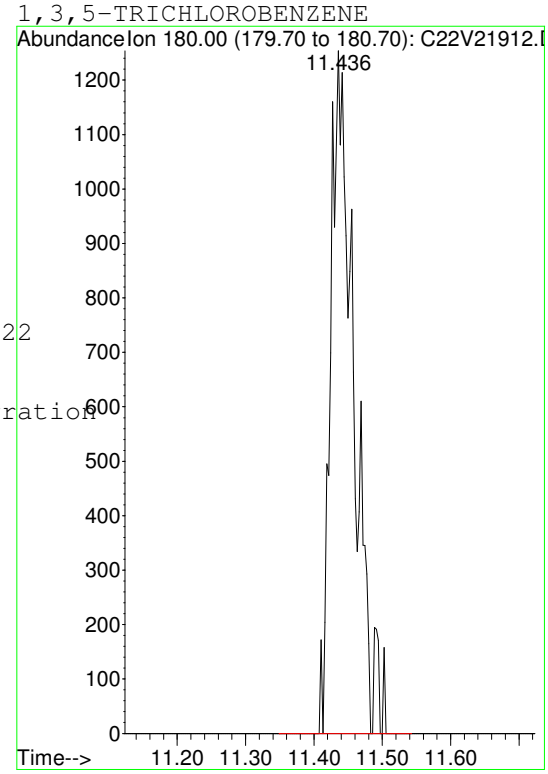
RT : 11.44
Area : 1920
Amount: 0.538942

Manual Int. Results

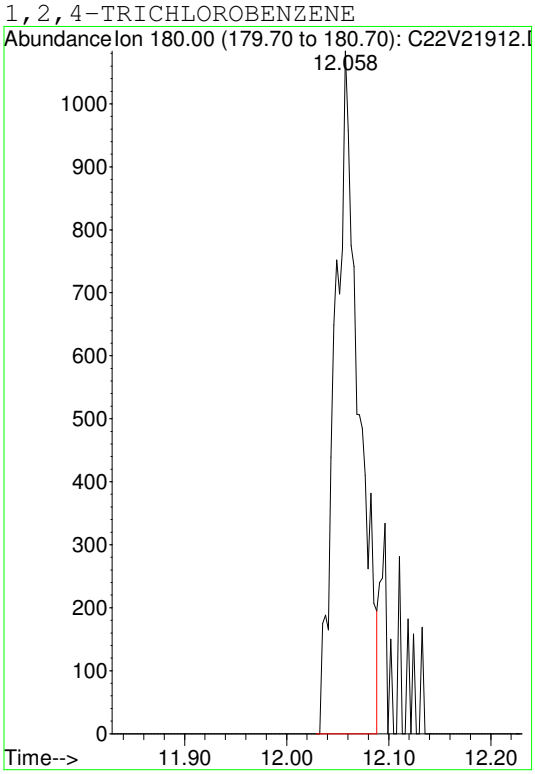
Mon Aug 08 12:19:42 2022

MIuser: EEH
Reason: Incorret Integration
RT : 11.44
Area : 2944
Amount: 0.826378

Manual Integration
1,3,5-TRICHLOROBENZENE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

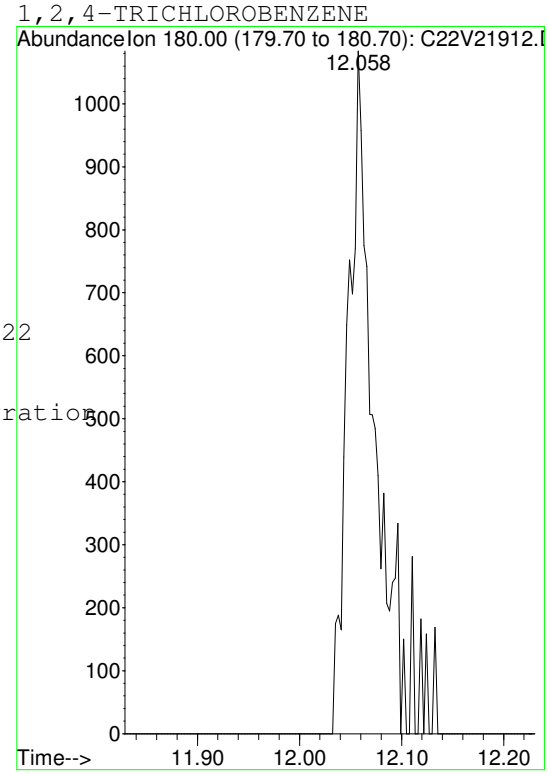
RT : 12.06
Area : 1731
Amount: 0.515846

Manual Int. Results

Mon Aug 08 12:19:44 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.06
Area : 2026
Amount: 0.603758

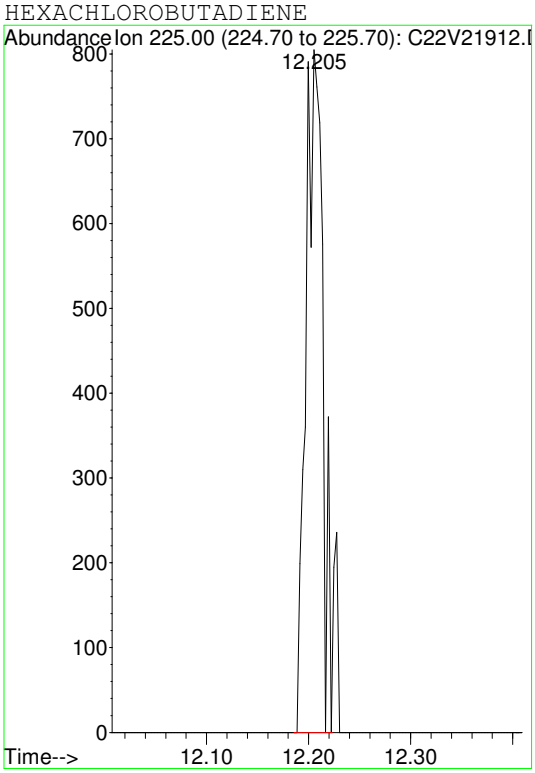
Manual Integration
1,2,4-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

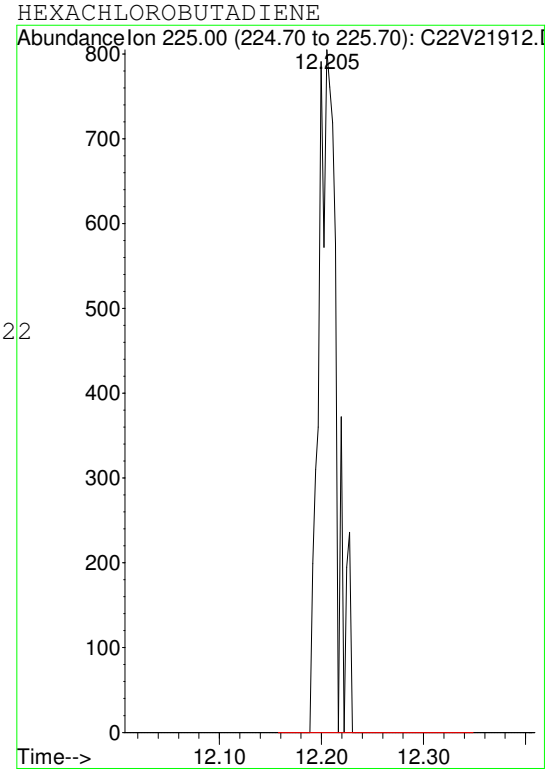
RT : 12.21
Area : 914
Amount: 0.715228

Manual Int. Results

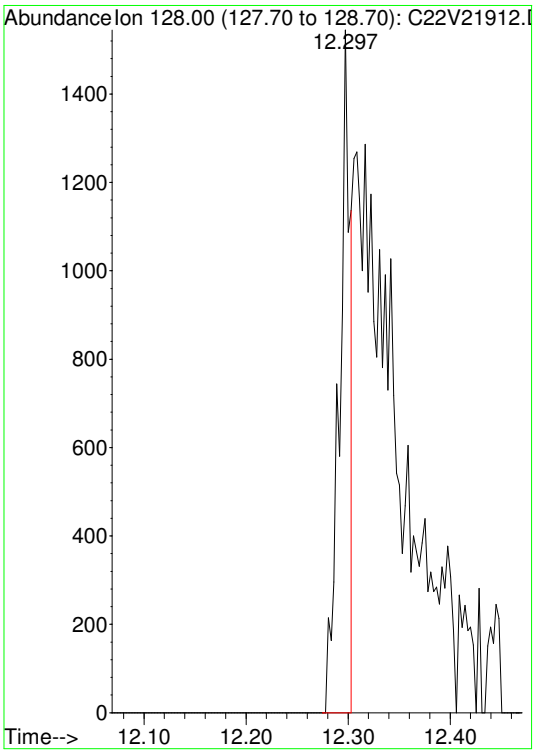
Mon Aug 08 12:19:47 2022

MIuser: EEH
Reason: Other
RT : 12.21
Area : 987
Amount: 0.772352

Manual Integration
HEXACHLOROBUTADIENE



Original Integration
NAPHTHALENE



Original Int. Results

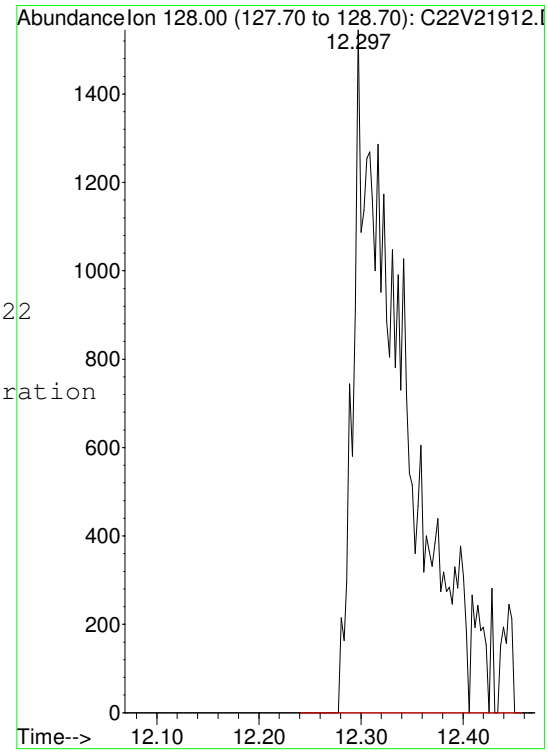
RT : 12.30
Area : 1117
Amount: 0.111355

Manual Int. Results

Mon Aug 08 12:19:50 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.30
Area : 5327
Amount: 0.531057

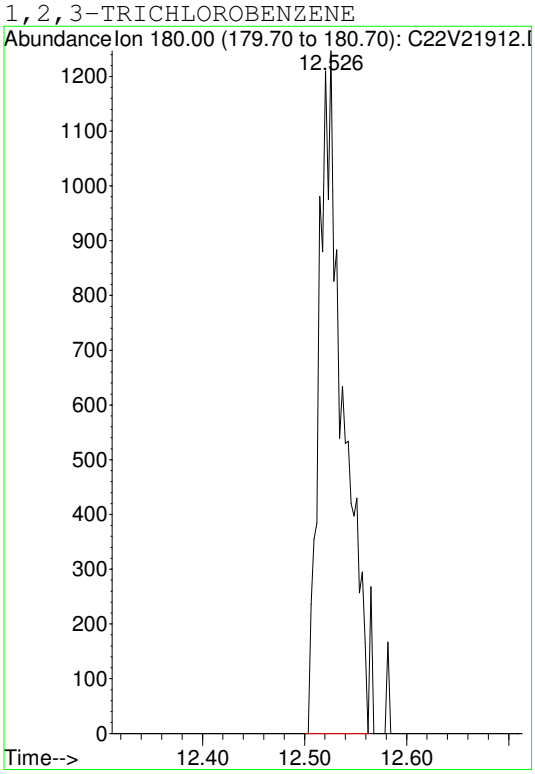
Manual Integration
NAPHTHALENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21912.D
Acq On : 8 Aug 2022 11:33 am
Operator :
Sample : 8260STD 1.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:19:52 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

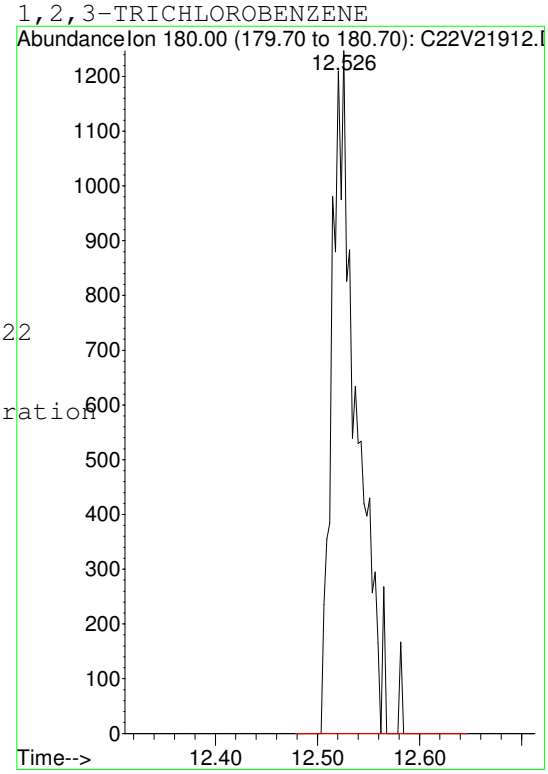
RT : 12.53
Area : 2038
Amount: 0.61146

Manual Int. Results

Mon Aug 08 12:19:52 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.53
Area : 2110
Amount: 0.633062

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	191246	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	281380	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	138580	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	132836	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	91527	25.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%				
49) TOLUENE SS	6.352	98	276973	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	101308	24.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	5656	1.81	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.093	51	7218	1.94	UG/L	#	100
5) CHLOROMETHANE	1.196	50	10248	2.46	UG/L	#	27
6) VINYL CHLORIDE	1.260	62	6558	1.97	UG/L	#	82
7) BROMOMETHANE	1.455	94	4567	2.52	UG/L		99
8) CHLOROETHANE	1.517	64	4892	2.66	UG/L		92
9) FLUORODICHLOROMETHANE	1.639	67	10902	2.17	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.678	101	8380	2.26	UG/L		98
11) ETHANOL	1.795	45	1842	28.26	UG/L	#	66
12) DI ETHYL ETHER	1.868	59	4758	2.02	UG/L		89
13) ACROLEIN	1.957	56	10790	13.71	UG/L		91
14) ACETONE	2.069	43	22417	18.69	UG/L		95
15) 1,1-DICHLOROETHENE	2.024	61	8599	2.32	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	5096	2.51	UG/L		82
17) IODOMETHANE	2.138	142	55096	18.19	UG/L		99
20) METHYL ACETATE	2.320	43	9080	2.44	UG/L	#	82
21) T-BUTYL ALCOHOL	2.509	59	9297	20.15	UG/L	#	97
22) ACRYLONITRILE	2.618	53	2743m	1.73	UG/L		
23) METHYLENE CHLORIDE	2.395	49	8180	2.08	UG/L		96
24) CARBON DISULFIDE	2.191	76	162961	22.83	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.643	73	17731	2.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.629	61	7656	2.00	UG/L		96
27) 1,1-DICHLOROETHANE	3.042	63	10053	1.96	UG/L		98
28) VINYL ACETATE	3.112	43	165358	16.78	UG/L		99
29) DI ISOPROYL ETHER	3.123	45	19849	1.79	UG/L		98
31) 2-BUTANONE	3.681	43	31842	14.78	UG/L	#	62
32) T-BUTYL ETHYL ETHER	3.508	59	17314	1.87	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.644	61	8634	1.93	UG/L		95
34) 2,2-DICHLOROPROPANE	3.636	77	7908	2.06	UG/L	#	73
35) ETHYL ACETATE	3.759	43	8738m	2.01	UG/L		
38) BROMOCHLOROMETHANE	3.881	49	5178	1.97	UG/L		97
39) TETRAHYDROFURAN	3.957	42	2148m	1.67	UG/L		
40) CHLOROFORM	3.968	83	9470	1.99	UG/L		98
41) 1,1,1-TRICHLOROETHANE	4.141	97	7988	2.10	UG/L		90
42) CYCLOHEXANE	4.191	56	11347	2.52	UG/L	#	74
43) CARBON TETRACHLORIDE	4.308	117	6566	2.06	UG/L	#	53
44) 1,1-DICHLOROPROPENE	4.314	75	6934	1.97	UG/L		93
45) BENZENE	4.517	78	20981	1.91	UG/L	#	93
47) T-AMYLMETHYL ETHER	4.657	73	16581	2.02	UG/L		96
50) 1,2-DICHLOROETHANE	4.548	62	7931	2.07	UG/L	#	94
51) TRICHLOROETHENE	5.164	95	5306	2.14	UG/L		91
52) METHYLCYCLOHEXANE	5.334	83	6416	1.89	UG/L		94
53) 1,2-DICHLOROPROPANE	5.384	63	5865	1.98	UG/L	#	97

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

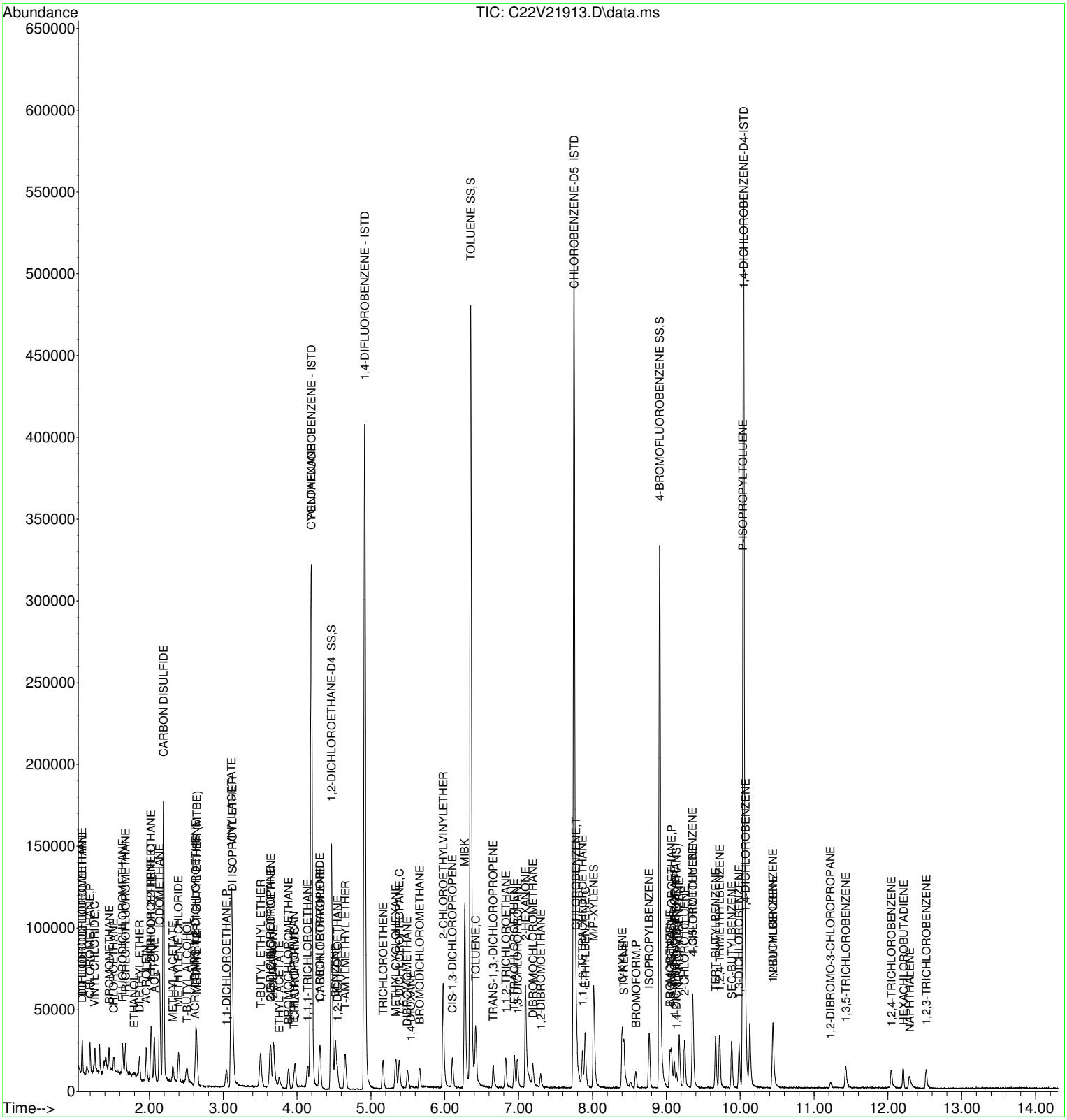
Quant Time: Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	5.493	93	3526	1.92	UG/L		96
56) 1,4-DIOXANE	5.541	88	722m	16.61	UG/L		
57) BROMODICHLOROMETHANE	5.660	83	7232	2.04	UG/L	#	97
58) 2-CHLOROETHYLVINYLETHER	5.978	63	24357	16.81	UG/L		96
59) MIBK	6.268	43	70892	16.23	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	6.104	75	8457	1.87	UG/L		95
61) TOLUENE	6.419	91	22413	2.06	UG/L		92
62) TRANS-1,3,-DICHLOROPRO...	6.653	75	7265	1.78	UG/L		93
64) 1,1,2-TRICHLOROETHANE	6.826	97	5279	2.06	UG/L		97
65) 2-HEXANONE	7.094	43	47327m	15.09	UG/L		
66) TETRACHLOROETHENE	6.943	166	5393	2.14	UG/L		95
67) 1,3-DICHLOROPROPANE	6.985	76	9345	1.96	UG/L		100
68) DIBROMOCHLOROMETHANE	7.194	129	5917	2.01	UG/L		97
69) 1,2-DIBROMOETHANE	7.300	107	5516	1.93	UG/L		97
72) CHLOROBENZENE	7.777	112	14026	2.05	UG/L		94
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	5079	2.08	UG/L		94
74) ETHYLBENZENE	7.903	91	22700	1.93	UG/L		95
75) M/P-XYLENES	8.017	91	36382	4.08	UG/L		94
76) 0-XYLENE	8.404	91	18859	2.05	UG/L		100
77) STYRENE	8.424	104	14310	1.93	UG/L		99
78) BROMOFORM	8.589	173	4367	2.03	UG/L	#	90
79) ISOPROPYLBENZENE	8.767	105	21905	2.06	UG/L		98
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	8506	2.10	UG/L	#	92
82) 1,4-DICHLORO-2-BUTENE(...	9.135	53	2158m	2.11	UG/L		
83) BROMOBENZENE	9.049	77	9467	1.94	UG/L		92
84) 1,2,3-TRICHLOROPROPANE	9.110	75	6365	1.88	UG/L		97
85) N-PROPYLBENZENE	9.174	91	23511	1.88	UG/L		98
86) 2-CHLOROT0LUENE	9.247	91	14942	1.88	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	16854	1.90	UG/L		100
88) 4-CHLOROTOLUENE	9.361	91	18045	1.99	UG/L		94
90) TERT-BUTYLBENZENE	9.668	119	14149	1.97	UG/L		93
91) 1,2,4-TRIMETHYLBENZENE	9.721	105	16958	1.87	UG/L		99
92) SEC-BUTYLBENZENE	9.888	105	19097	1.89	UG/L		94
93) 1,3-DICHLOROBENZENE	9.986	146	10486	2.00	UG/L		98
94) P-ISOPROPYLTOLUENE	10.036	119	16092	1.85	UG/L		97
95) 1,4-DICHLOROBENZENE	10.072	146	10982	1.97	UG/L		92
97) N-BUTYLBENZENE	10.446	91	12776	1.63	UG/L		95
98) 1,2-DICHLOROBENZENE	10.440	146	10652	2.01	UG/L		97
99) 1,2-DIBROMO-3-CHLOROPR...	11.218	75	1241m	1.70	UG/L		
100) 1,3,5-TRICHLOROBENZENE	11.427	180	6003	1.66	UG/L		94
101) 1,2,4-TRICHLOROBENZENE	12.046	180	4834m	1.42	UG/L		
102) HEXACHLOROBUTADIENE	12.211	225	2619	2.02	UG/L	#	84
103) NAPHTHALENE	12.295	128	12651m	1.24	UG/L		
104) 1,2,3-TRICHLOROBENZENE	12.518	180	4622m	1.37	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

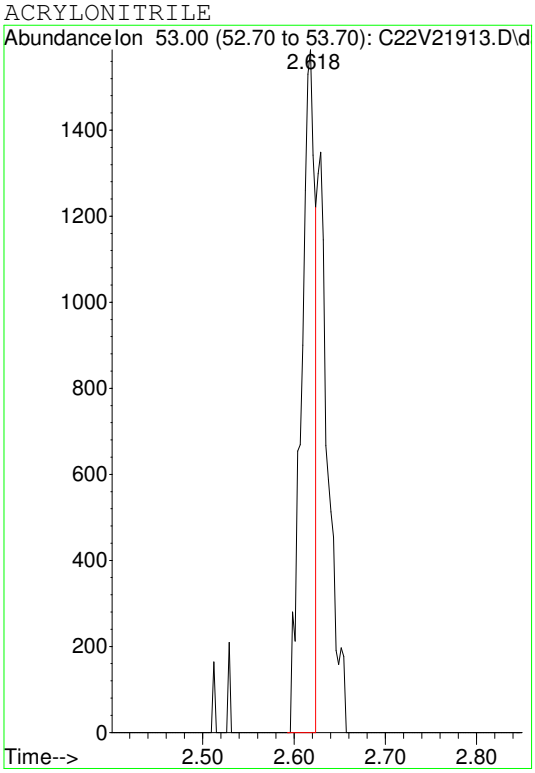
Quant Time: Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
ACRYLONITRILE



Original Int. Results

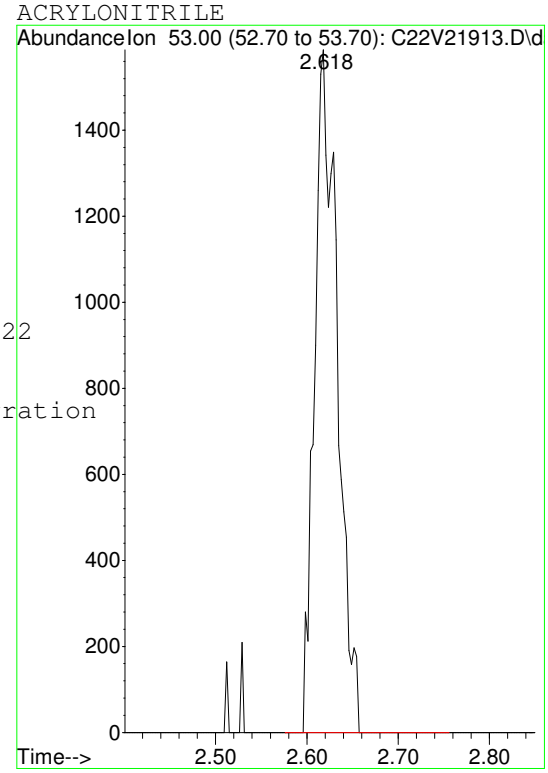
RT : 2.62
Area : 1616
Amount: 1.02042

Manual Int. Results

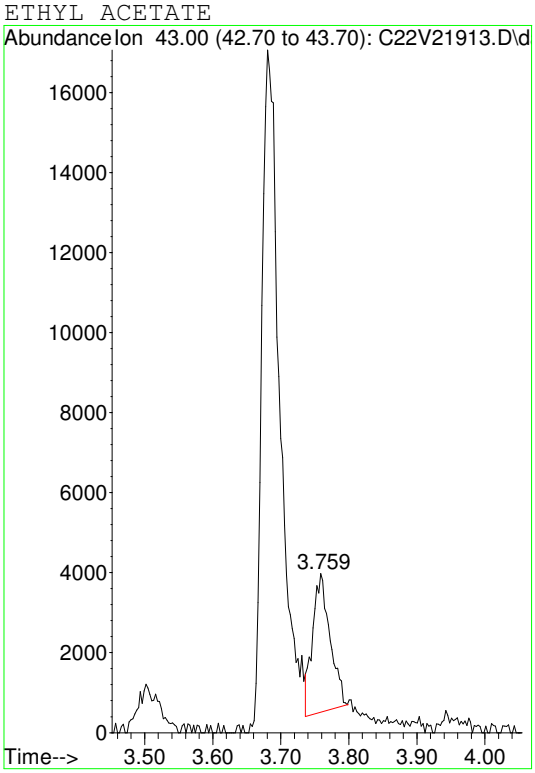
Mon Aug 08 12:20:30 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.62
Area : 2743
Amount: 1.73207

Manual Integration
ACRYLONITRILE



Original Integration
ETHYL ACETATE



Original Int. Results

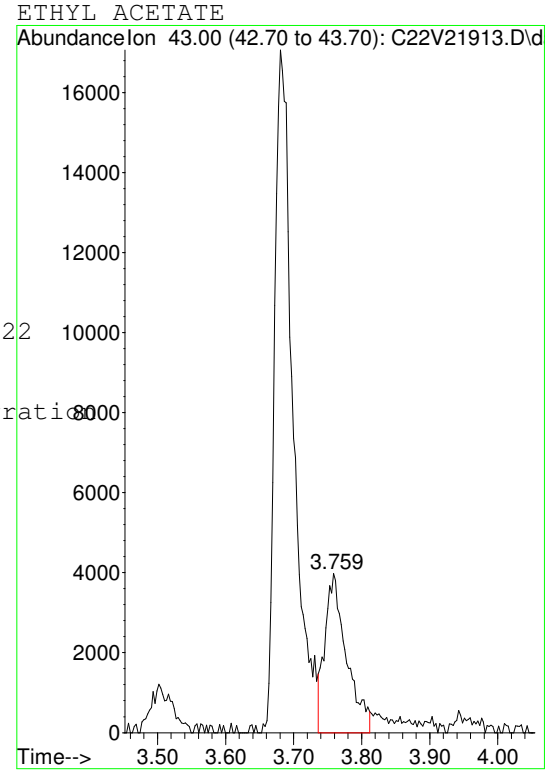
RT : 3.76
Area : 6159
Amount: 1.41543

Manual Int. Results

Mon Aug 08 12:20:43 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.76
Area : 8738
Amount: 2.00812

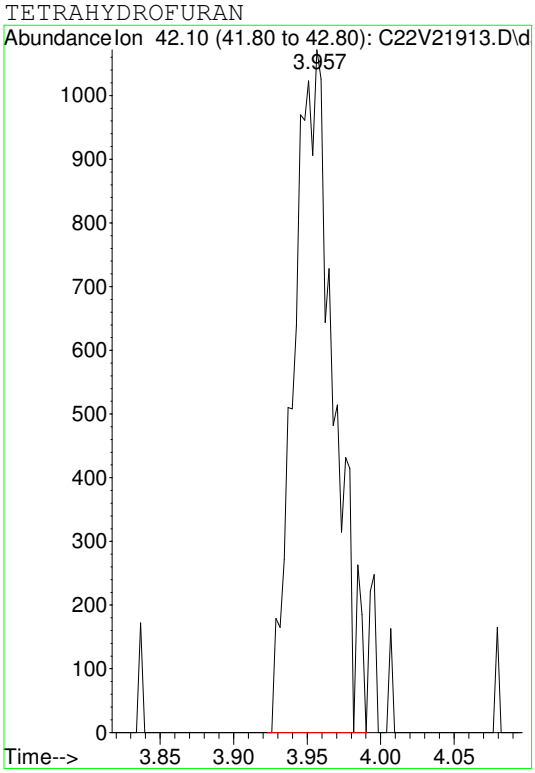
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
TETRAHYDROFURAN



Original Int. Results

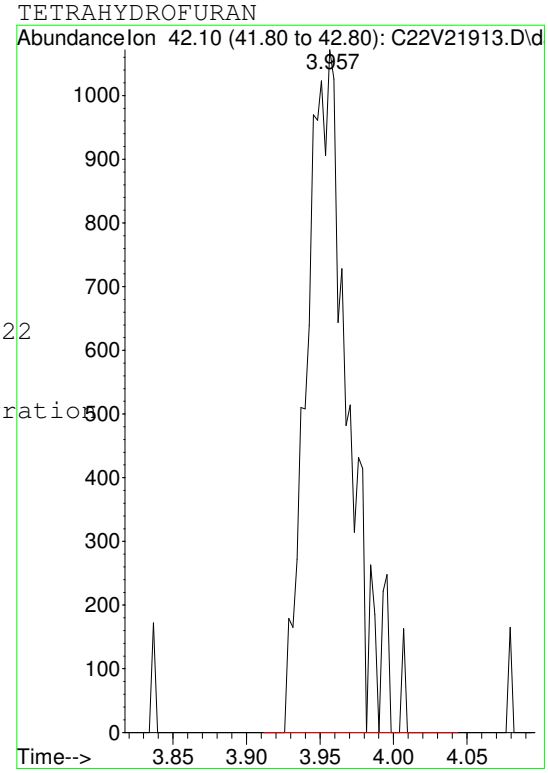
RT : 3.96
Area : 2043
Amount: 1.58851

Manual Int. Results

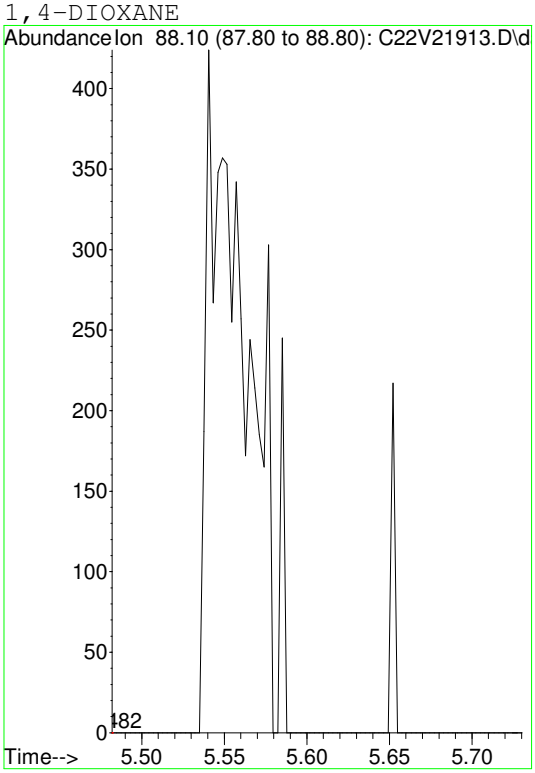
Mon Aug 08 12:20:49 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.96
Area : 2148
Amount: 1.67015

Manual Integration
TETRAHYDROFURAN



Original Integration
1,4-DIOXANE



Original Int. Results

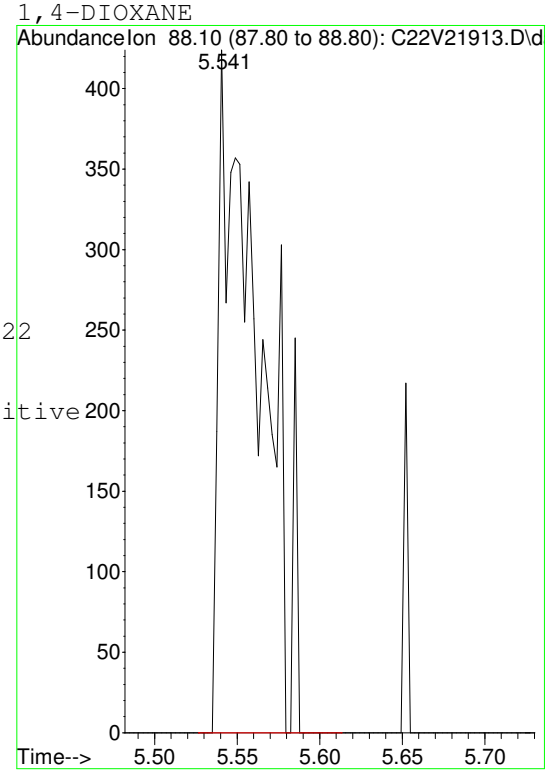
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Mon Aug 08 12:21:02 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 5.54
Area : 722
Amount: 16.6073

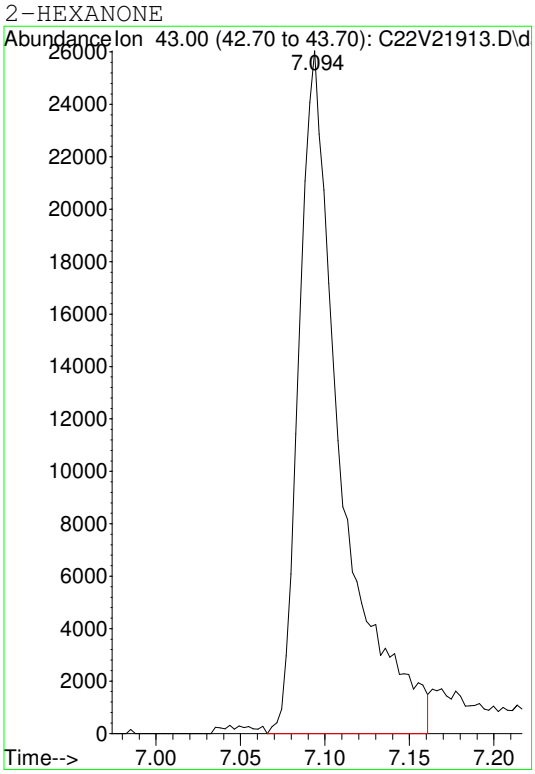
Manual Integration
1,4-DIOXANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
2-HEXANONE



Original Int. Results

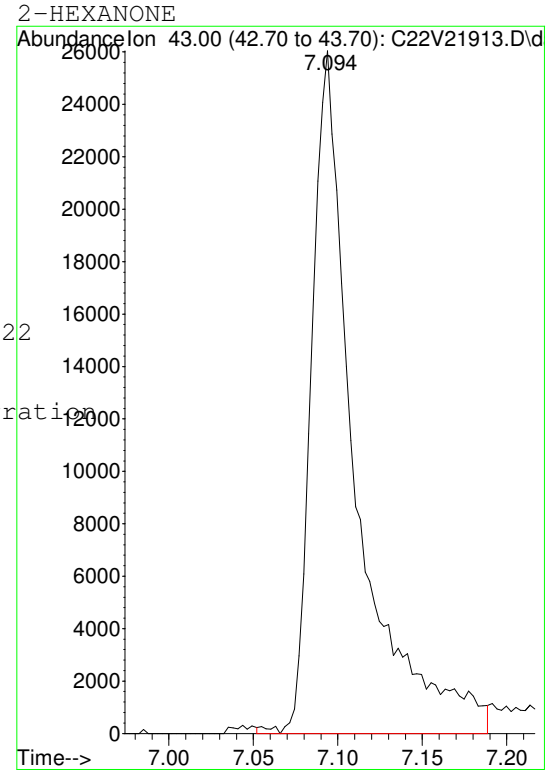
RT : 7.09
Area : 44841
Amount: 14.2963

Manual Int. Results

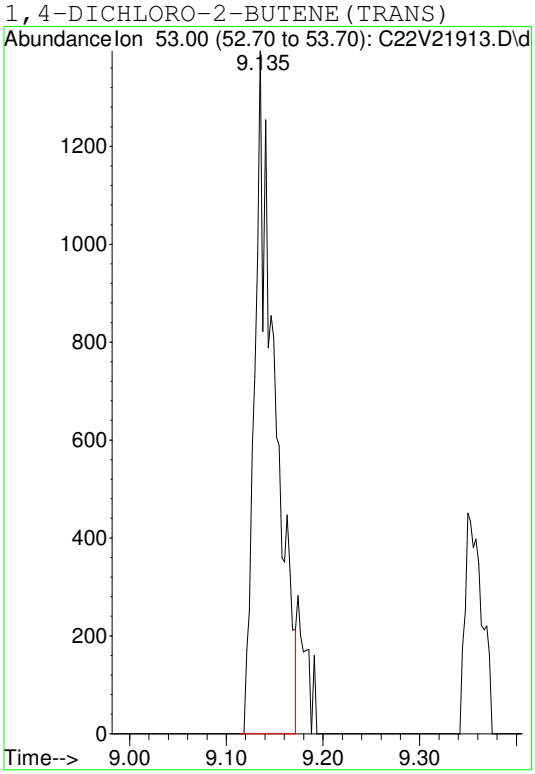
Mon Aug 08 12:21:11 2022

MIuser: EEH
Reason: Incorret Integration
RT : 7.09
Area : 47327
Amount: 15.0889

Manual Integration
2-HEXANONE



Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

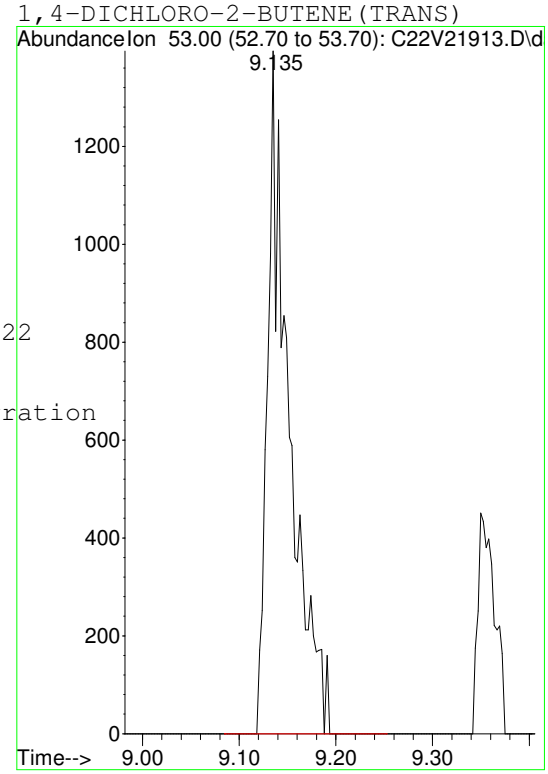
RT : 9.14
Area : 1965
Amount: 1.91798

Manual Int. Results

Mon Aug 08 12:21:24 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.14
Area : 2158
Amount: 2.10636

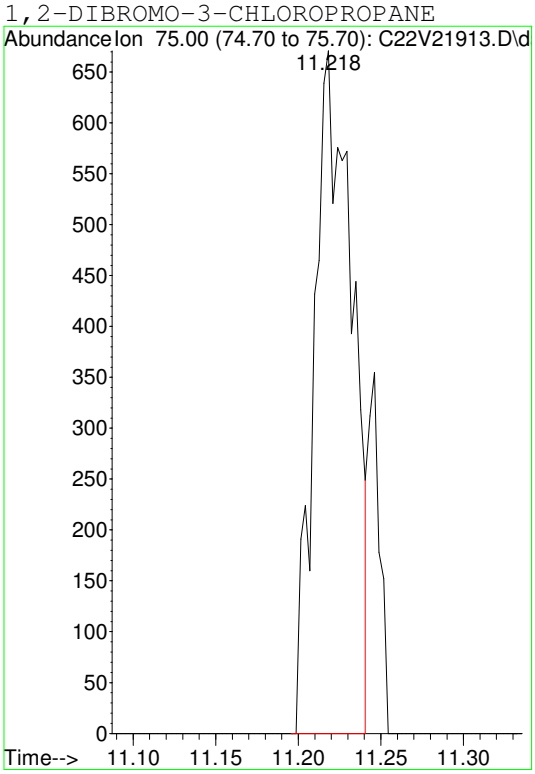
Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

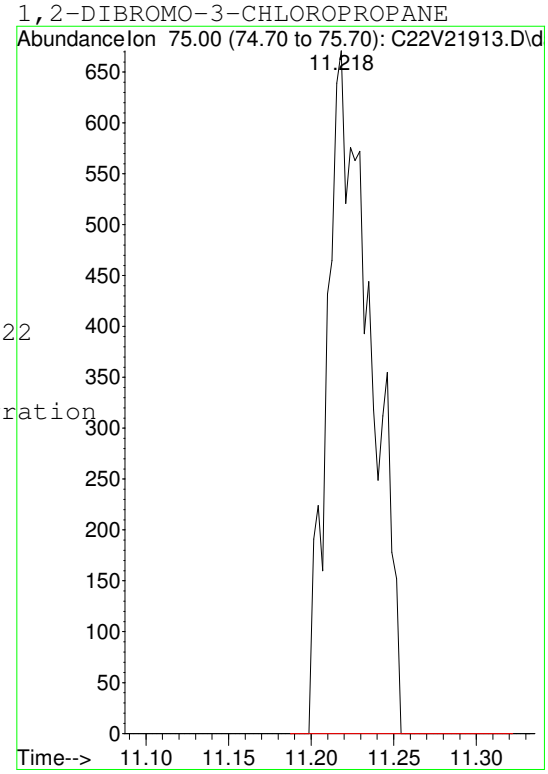
RT : 11.22
Area : 1074
Amount: 1.47451

Manual Int. Results

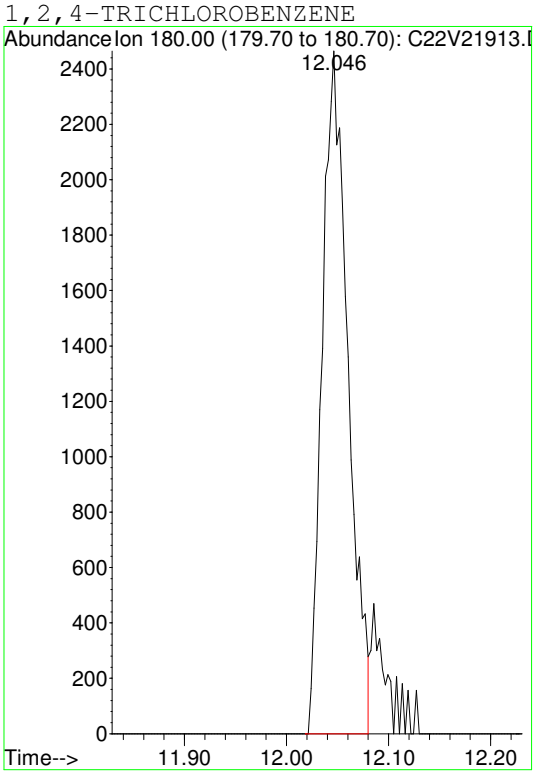
Mon Aug 08 12:21:40 2022

MIuser: EEH
Reason: Incorret Integration
RT : 11.22
Area : 1241
Amount: 1.70379

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

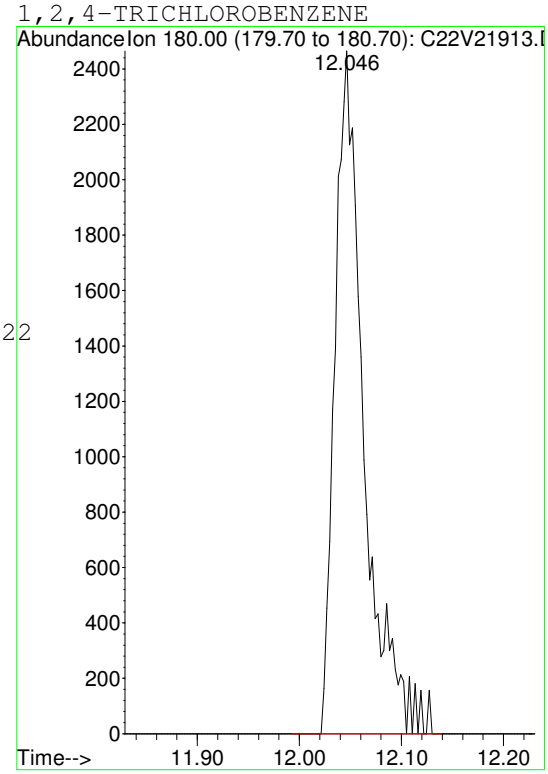
RT : 12.05
Area : 4344
Amount: 1.27594

Manual Int. Results

Mon Aug 08 12:21:45 2022

MIuser: EEH
Reason: Other
RT : 12.05
Area : 4834
Amount: 1.41986

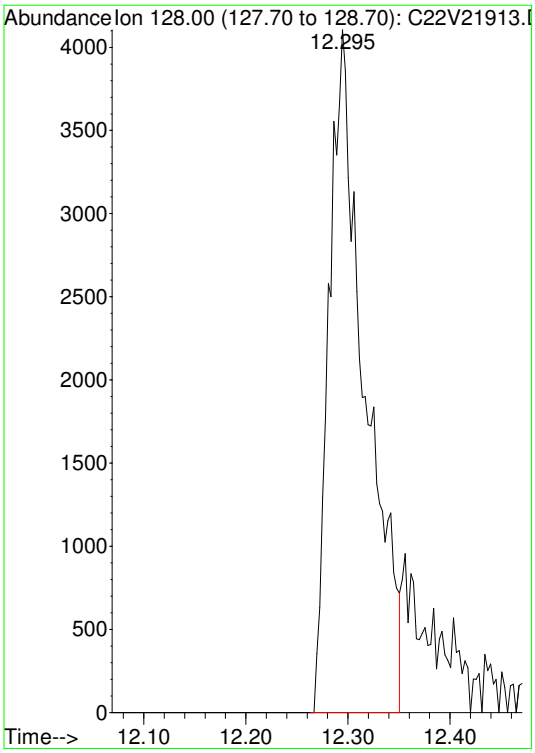
Manual Integration
1,2,4-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21913.D
Acq On : 8 Aug 2022 11:58 am
Operator :
Sample : 8260STD 2.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 12:21:53 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
NAPHTHALENE



Original Int. Results

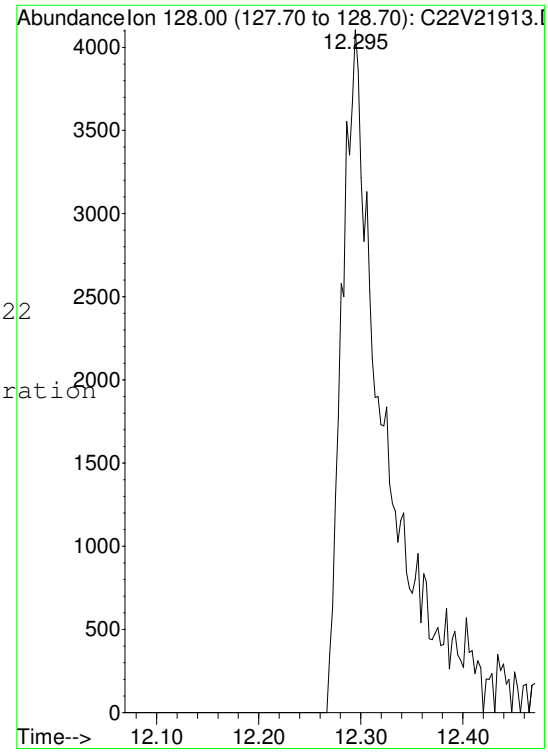
RT : 12.29
Area : 10064
Amount: 0.988884

Manual Int. Results

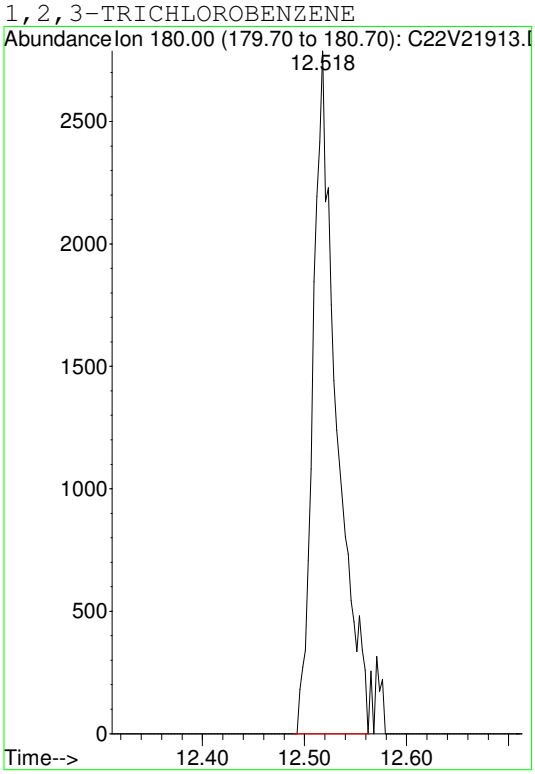
Mon Aug 08 12:21:50 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.29
Area : 12651
Amount: 1.24308

Manual Integration
NAPHTHALENE



Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

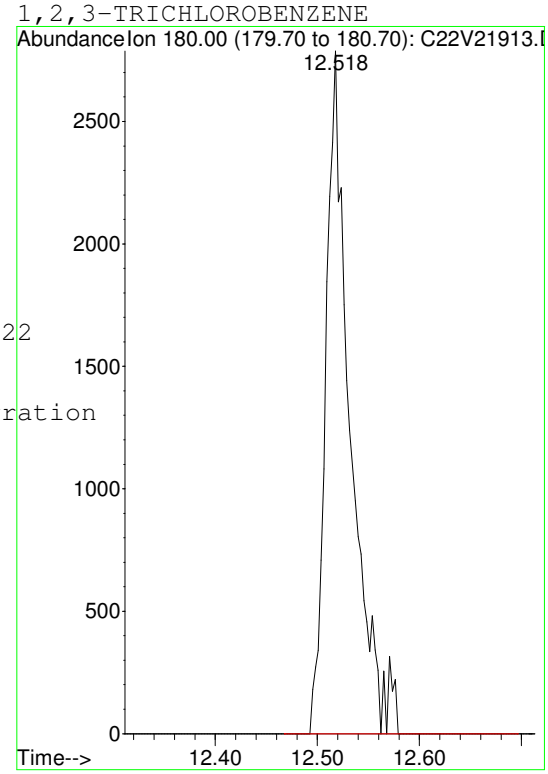
RT : 12.52
Area : 4460
Amount: 1.31891

Manual Int. Results

Mon Aug 08 12:21:53 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.52
Area : 4622
Amount: 1.36682

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	195685	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	289602	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	143879	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	139575	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92881	25.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%				
49) TOLUENE SS	6.349	98	288589	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	107241	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	13984	4.38	UG/L		96
4) DIFLUOROCHLOROMETHANE	1.093	51	18551	4.86	UG/L	#	100
5) CHLOROMETHANE	1.196	50	23823	5.60	UG/L	#	26
6) VINYL CHLORIDE	1.263	62	17559	5.16	UG/L		94
7) BROMOMETHANE	1.452	94	9971	5.37	UG/L		99
8) CHLOROETHANE	1.516	64	12070	6.42	UG/L		99
9) FLUORODICHLOROMETHANE	1.636	67	27892	5.42	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.675	101	21049	5.56	UG/L		100
11) ETHANOL	1.798	45	3034	45.49	UG/L	#	88
12) DI ETHYL ETHER	1.862	59	12783	5.29	UG/L		97
13) ACROLEIN	1.957	56	29810	37.02	UG/L		99
14) ACETONE	2.066	43	60047	48.92	UG/L		96
15) 1,1-DICHLOROETHENE	2.024	61	21244	5.61	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	12671	6.11	UG/L		81
17) IODOMETHANE	2.138	142	160832	51.89	UG/L		98
20) METHYL ACETATE	2.317	43	23425	6.16	UG/L		98
21) T-BUTYL ALCOHOL	2.515	59	22757	48.20	UG/L	#	97
22) ACRYLONITRILE	2.621	53	7594	4.69	UG/L		99
23) METHYLENE CHLORIDE	2.395	49	21884	5.44	UG/L		97
24) CARBON DISULFIDE	2.188	76	424933	58.17	UG/L		99
25) METHYL TERT-BUTYL ETHE...	2.640	73	45825	5.36	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	19381	4.94	UG/L		99
27) 1,1-DICHLOROETHANE	3.045	63	26035	4.96	UG/L		98
28) VINYL ACETATE	3.112	43	445683	44.19	UG/L		99
29) DI ISOPROYL ETHER	3.128	45	51303	4.52	UG/L		96
31) 2-BUTANONE	3.678	43	90607	41.11	UG/L		95
32) T-BUTYL ETHYL ETHER	3.505	59	45419	4.80	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.639	61	22445	4.91	UG/L		96
34) 2,2-DICHLOROPROPANE	3.633	77	19815	5.04	UG/L		92
35) ETHYL ACETATE	3.756	43	19495	4.38	UG/L		96
38) BROMOCHLOROMETHANE	3.884	49	13878	5.15	UG/L		98
39) TETRAHYDROFURAN	3.945	42	5898	4.48	UG/L		92
40) CHLOROFORM	3.973	83	25415	5.22	UG/L		98
41) 1,1,1-TRICHLOROETHANE	4.146	97	21216	5.45	UG/L	#	84
42) CYCLOHEXANE	4.191	56	23485	5.10	UG/L		89
43) CARBON TETRACHLORIDE	4.302	117	17276	5.30	UG/L		97
44) 1,1-DICHLOROPROPENE	4.311	75	18177	5.04	UG/L		94
45) BENZENE	4.517	78	53508	4.75	UG/L		98
47) T-AMYLMETHYL ETHER	4.651	73	43685	5.19	UG/L		96
50) 1,2-DICHLOROETHANE	4.545	62	21482	5.45	UG/L		97
51) TRICHLOROETHENE	5.161	95	13016	5.11	UG/L		97
52) METHYLCYCLOHEXANE	5.340	83	15795	4.53	UG/L		96
53) 1,2-DICHLOROPROPANE	5.384	63	14876	4.87	UG/L		97

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

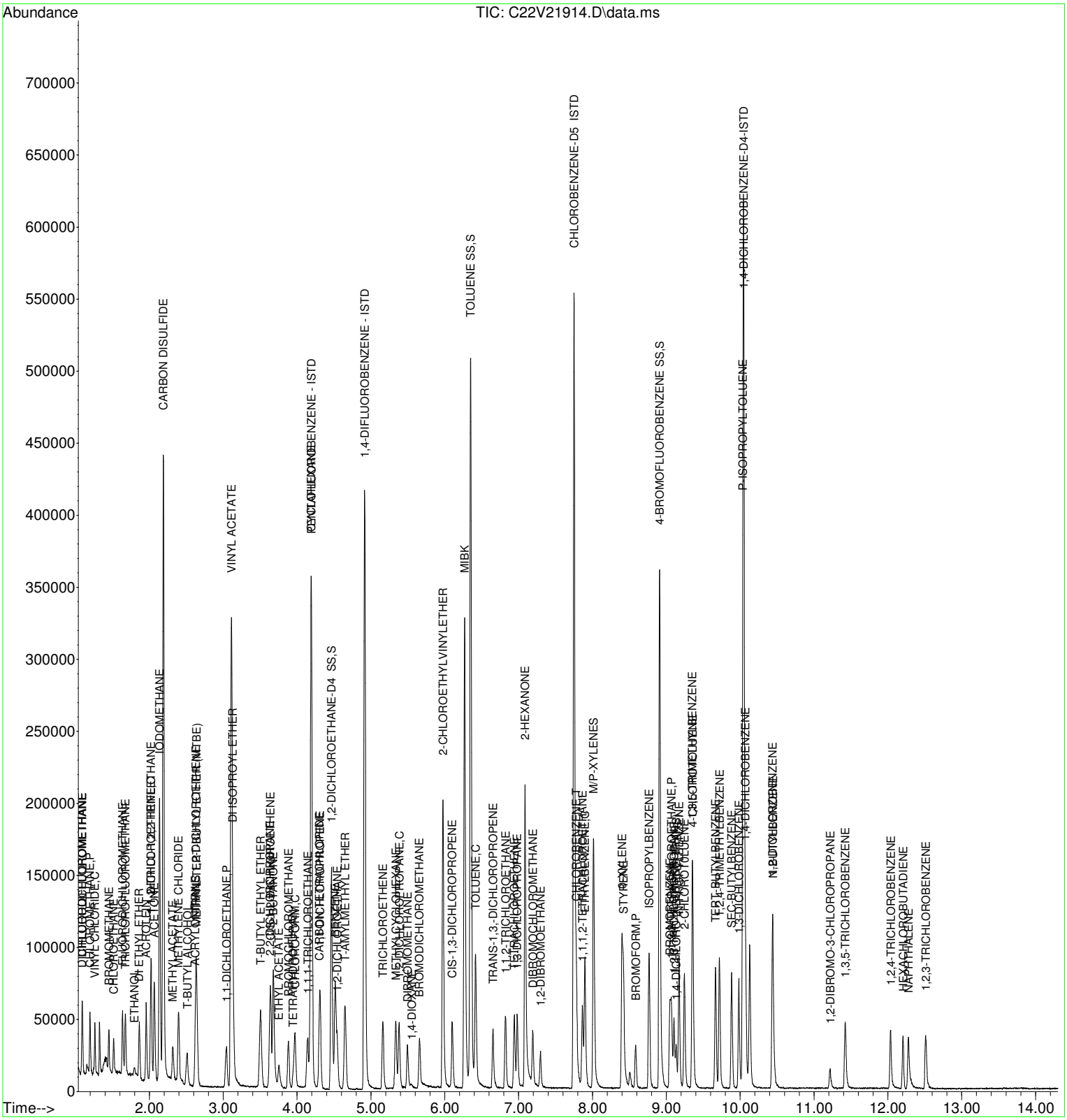
Quant Time: Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	5.499	93	9766	5.15	UG/L		93
56) 1,4-DIOXANE	5.552	88	2162m	48.32	UG/L		
57) BROMODICHLOROMETHANE	5.655	83	19440	5.33	UG/L		98
58) 2-CHLOROETHYLVINYLETHER	5.975	63	73710	49.43	UG/L		91
59) MIBK	6.268	43	197206	43.88	UG/L		100
60) CIS-1,3-DICHLOROPROPENE	6.101	75	22415	4.81	UG/L		96
61) TOLUENE	6.419	91	56479	5.05	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	6.653	75	19923	4.73	UG/L		90
64) 1,1,2-TRICHLOROETHANE	6.823	97	14020	5.32	UG/L		97
65) 2-HEXANONE	7.085	43	136490	42.28	UG/L		98
66) TETRACHLOROETHENE	6.943	166	14258	5.50	UG/L		97
67) 1,3-DICHLOROPROPANE	6.979	76	24401	4.97	UG/L		98
68) DIBROMOCHLOROMETHANE	7.194	129	16098	5.31	UG/L		99
69) 1,2-DIBROMOETHANE	7.297	107	14995	5.10	UG/L		99
72) CHLOROBENZENE	7.780	112	37610	5.30	UG/L	#	90
73) 1,1,1,2-TETRACHLOROETHANE	7.866	131	13977	5.52	UG/L		98
74) ETHYLBENZENE	7.897	91	60931	4.99	UG/L		97
75) M/P-XYLENES	8.014	91	92986	10.05	UG/L		99
76) 0-XYLENE	8.402	91	50225	5.27	UG/L		96
77) STYRENE	8.418	104	39862	5.18	UG/L		93
78) BROMOFORM	8.586	173	12459	5.58	UG/L		99
79) ISOPROPYLBENZENE	8.767	105	56951	5.15	UG/L		99
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	22619	5.37	UG/L		96
82) 1,4-DICHLORO-2-BUTENE(...	9.132	53	5086	4.78	UG/L	#	79
83) BROMOBENZENE	9.049	77	23639	4.66	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	9.104	75	17310	4.92	UG/L		98
85) N-PROPYLBENZENE	9.174	91	63336	4.87	UG/L		97
86) 2-CHLOROT0LUENE	9.244	91	41747	5.06	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	9.353	105	45912	4.98	UG/L		98
88) 4-CHLOROTOLUENE	9.358	91	45894	4.89	UG/L		100
90) TERT-BUTYLBENZENE	9.668	119	37225	4.94	UG/L		92
91) 1,2,4-TRIMETHYLBENZENE	9.721	105	45329	4.76	UG/L		100
92) SEC-BUTYLBENZENE	9.885	105	49121	4.62	UG/L		98
93) 1,3-DICHLOROBENZENE	9.983	146	27629	5.01	UG/L		98
94) P-ISOPROPYLTOLUENE	10.036	119	43348	4.74	UG/L		98
95) 1,4-DICHLOROBENZENE	10.069	146	30195	5.17	UG/L	#	93
97) N-BUTYLBENZENE	10.443	91	35017	4.25	UG/L		94
98) 1,2-DICHLOROBENZENE	10.437	146	29589	5.32	UG/L		99
99) 1,2-DIBROMO-3-CHLOROPR...	11.218	75	3827m	5.00	UG/L		
100) 1,3,5-TRICHLOROBENZENE	11.422	180	17501	4.61	UG/L		97
101) 1,2,4-TRICHLOROBENZENE	12.038	180	14495m	4.05	UG/L		
102) HEXACHLOROBUTADIENE	12.205	225	6885	5.05	UG/L		100
103) NAPHTHALENE	12.278	128	38473m	3.60	UG/L		
104) 1,2,3-TRICHLOROBENZENE	12.512	180	14777m	4.16	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

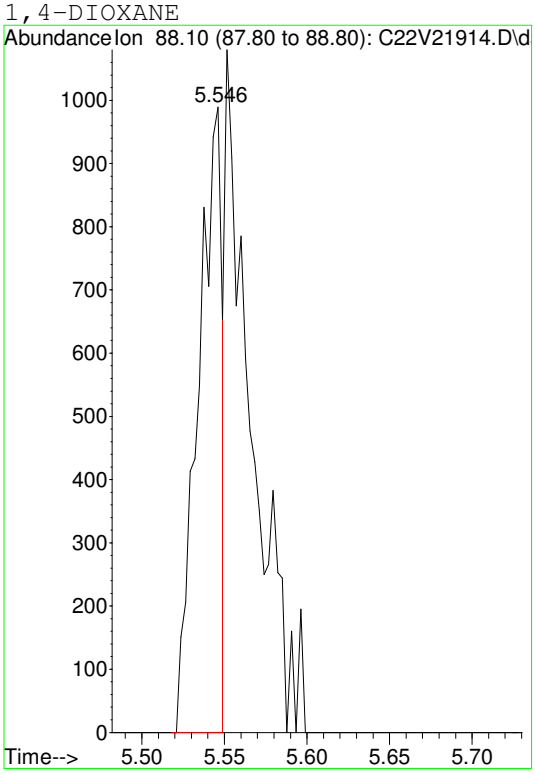
Quant Time: Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,4-DIOXANE



Original Int. Results

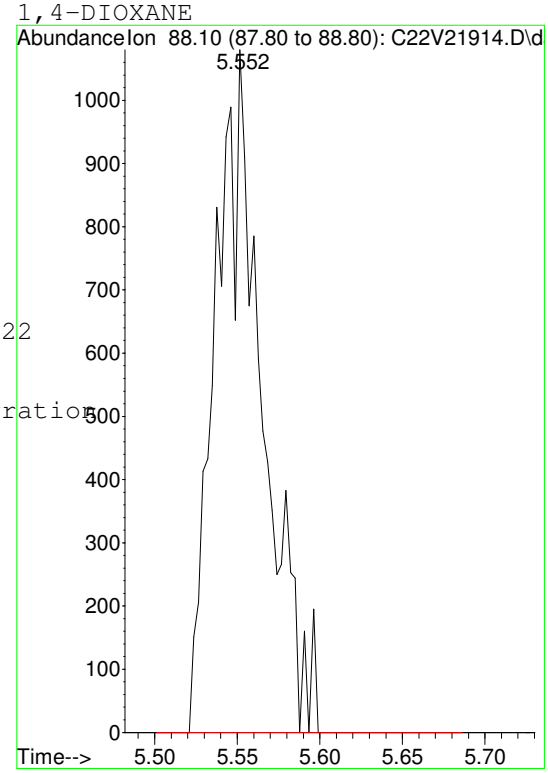
RT : 5.55
Area : 983
Amount: 21.9689

Manual Int. Results

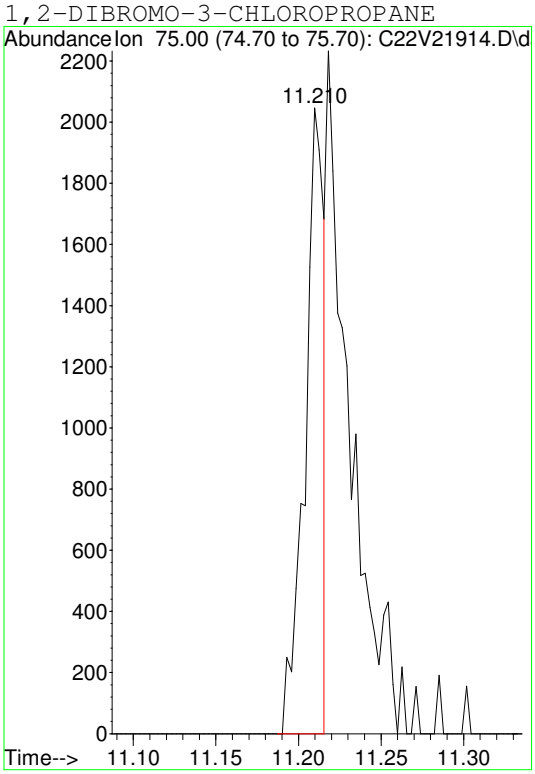
Mon Aug 08 13:48:09 2022

MIuser: EEH
Reason: Incorret Integration
RT : 5.55
Area : 2162
Amount: 48.3181

Manual Integration
1,4-DIOXANE



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

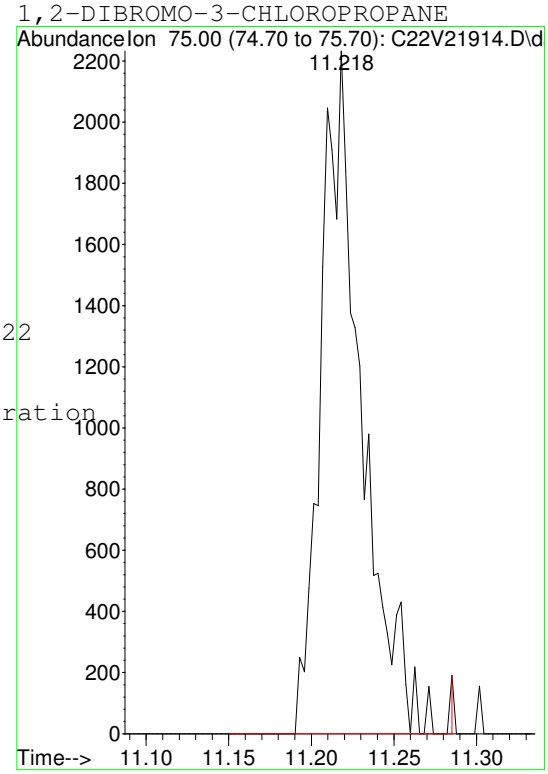
RT : 11.21
Area : 1606
Amount: 2.09844

Manual Int. Results

Mon Aug 08 13:48:42 2022

MIuser: EEH
Reason: Incorret Integration
RT : 11.22
Area : 3827
Amount: 5.00046

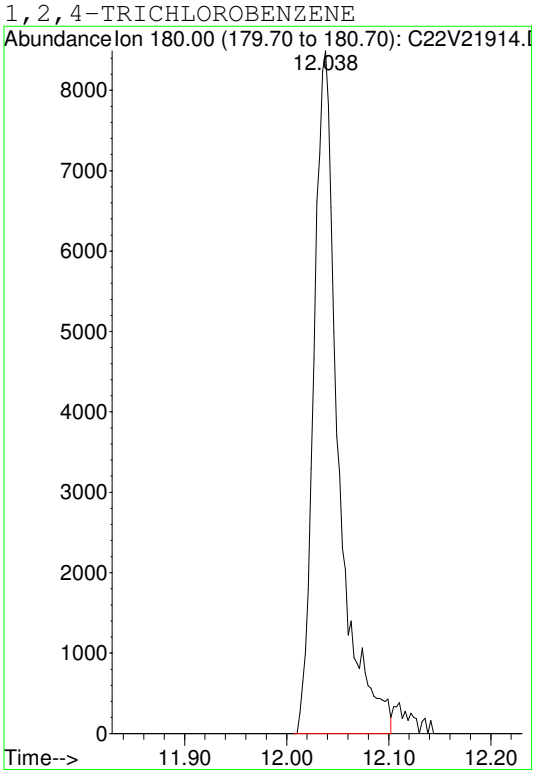
Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,4-TRICHLOROBENZENE



Original Int. Results

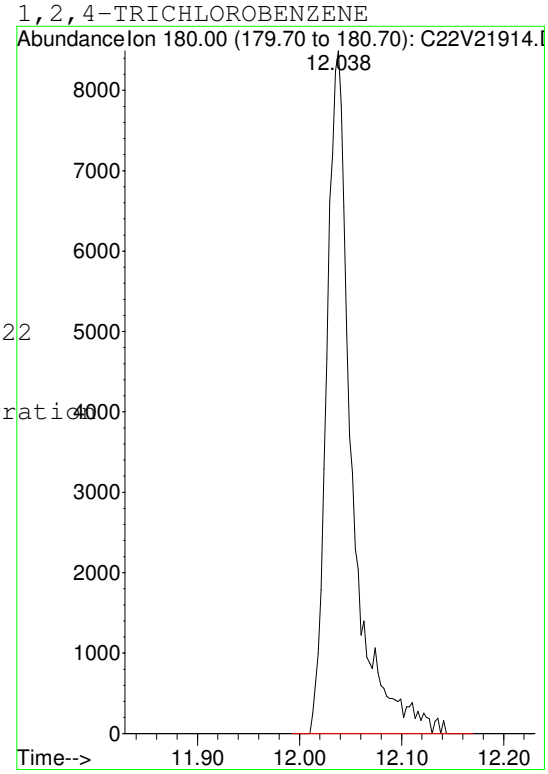
RT : 12.04
Area : 14024
Amount: 3.92031

Manual Int. Results

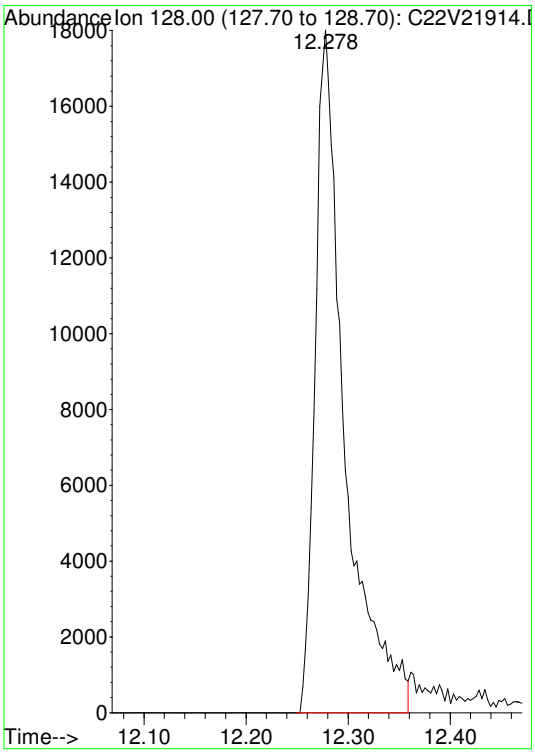
Mon Aug 08 13:48:46 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.04
Area : 14495
Amount: 4.05197

Manual Integration
1,2,4-TRICHLOROBENZENE



Original Integration
NAPHTHALENE



Original Int. Results

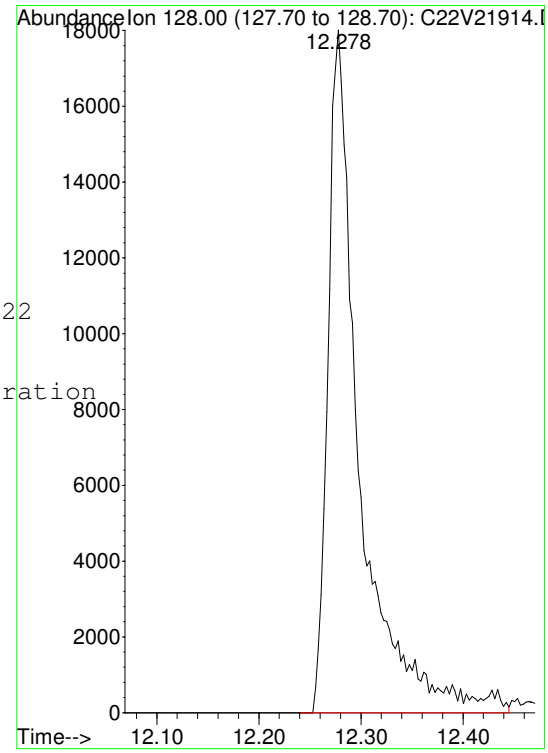
RT : 12.28
Area : 35921
Amount: 3.35917

Manual Int. Results

Mon Aug 08 13:48:51 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.28
Area : 38473
Amount: 3.59782

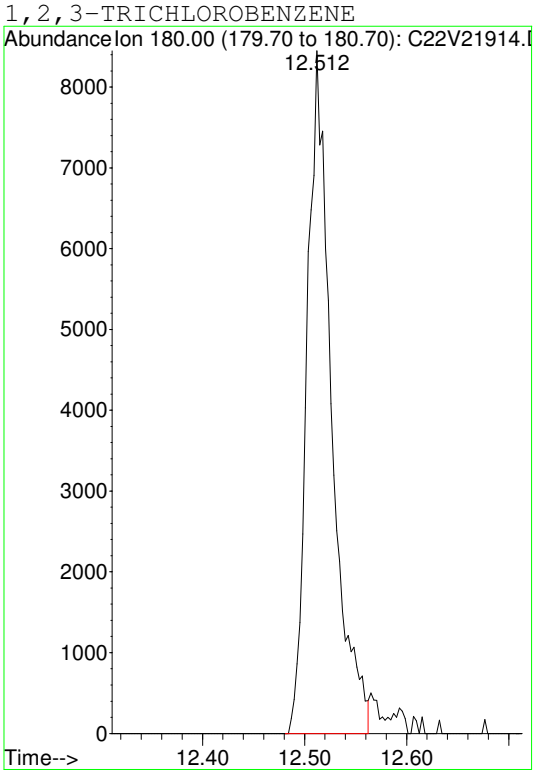
Manual Integration
NAPHTHALENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21914.D
Acq On : 8 Aug 2022 12:22 pm
Operator :
Sample : 8260STD 5.0PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:48:54 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

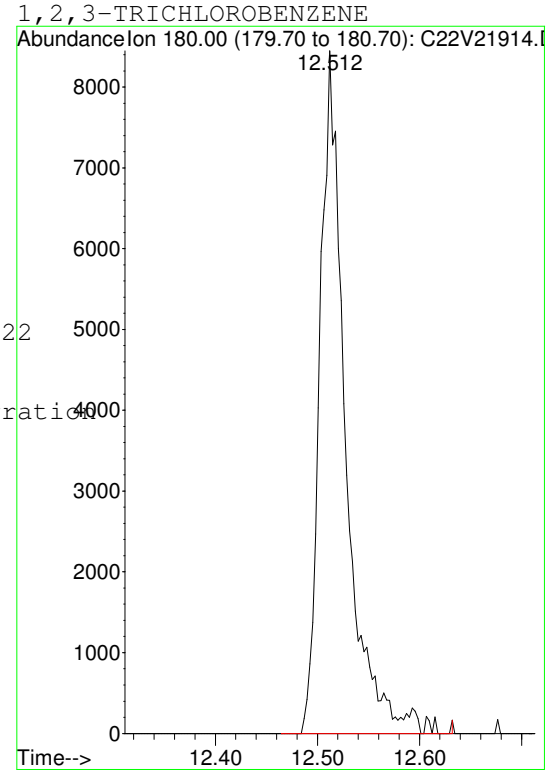
RT : 12.51
Area : 14072
Amount: 3.96045

Manual Int. Results

Mon Aug 08 13:48:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 12.51
Area : 14777
Amount: 4.15886

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21915.D
Acq On : 8 Aug 2022 12:46 pm
Operator :
Sample : 8260STD 10PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.193	168	194546	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	287477	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	141910	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	139616	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	92464	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
49) TOLUENE SS	6.349	98	286087	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103705	24.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	28562	9.01	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.092	51	37891	9.99	UG/L	#	100
5) CHLOROMETHANE	1.196	50	41594	9.83	UG/L	#	23
6) VINYL CHLORIDE	1.263	62	34859	10.31	UG/L		96
7) BROMOMETHANE	1.449	94	18466	10.00	UG/L		97
8) CHLOROETHANE	1.514	64	24973	13.36	UG/L		97
9) FLUORODICHLOROMETHANE	1.636	67	56638	11.08	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.675	101	43670	11.60	UG/L		96
11) ETHANOL	1.801	45	6400	96.52	UG/L	#	89
12) DI ETHYL ETHER	1.865	59	25808	10.75	UG/L		96
13) ACROLEIN	1.957	56	61270	76.52	UG/L		99
14) ACETONE	2.066	43	116864	95.77	UG/L		96
15) 1,1-DICHLOROETHENE	2.024	61	43280	11.49	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.024	101	25043	12.15	UG/L		88
17) IODOMETHANE	2.138	142	341243	110.75	UG/L		98
20) METHYL ACETATE	2.317	43	44181	11.69	UG/L		96
21) T-BUTYL ALCOHOL	2.506	59	47742	101.70	UG/L		97
22) ACRYLONITRILE	2.618	53	16274	10.10	UG/L		99
23) METHYLENE CHLORIDE	2.395	49	43860	10.97	UG/L		98
24) CARBON DISULFIDE	2.188	76	868493	119.59	UG/L		99
25) METHYL TERT-BUTYL ETHE...	2.640	73	96457	11.35	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	42551	10.91	UG/L		96
27) 1,1-DICHLOROETHANE	3.039	63	51908	9.94	UG/L		98
28) VINYL ACETATE	3.109	43	919504	91.71	UG/L		99
29) DI ISOPROYL ETHER	3.131	45	104279	9.24	UG/L		95
31) 2-BUTANONE	3.675	43	182208	83.16	UG/L		96
32) T-BUTYL ETHYL ETHER	3.505	59	94331	10.02	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.639	61	46366	10.21	UG/L		93
34) 2,2-DICHLOROPROPANE	3.636	77	39576	10.12	UG/L		93
35) ETHYL ACETATE	3.750	43	40249	9.09	UG/L	#	92
38) BROMOCHLOROMETHANE	3.884	49	27682	10.33	UG/L		98
39) TETRAHYDROFURAN	3.945	42	12775	9.76	UG/L		92
40) CHLOROFORM	3.970	83	51600	10.66	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.143	97	43338	11.21	UG/L		94
42) CYCLOHEXANE	4.191	56	43820	9.57	UG/L		94
43) CARBON TETRACHLORIDE	4.305	117	35429	10.93	UG/L		97
44) 1,1-DICHLOROPROPENE	4.311	75	36885	10.29	UG/L		95
45) BENZENE	4.517	78	110524	9.87	UG/L		97
47) T-AMYLMETHYL ETHER	4.648	73	87452	10.46	UG/L		97
50) 1,2-DICHLOROETHANE	4.539	62	43168	11.03	UG/L		98
51) TRICHLOROETHENE	5.164	95	27825	11.00	UG/L		93
52) METHYLCYCLOHEXANE	5.337	83	32123	9.28	UG/L		95
53) 1,2-DICHLOROPROPANE	5.381	63	30483	10.06	UG/L	#	98

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21915.D
Acq On : 8 Aug 2022 12:46 pm
Operator :
Sample : 8260STD 10PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

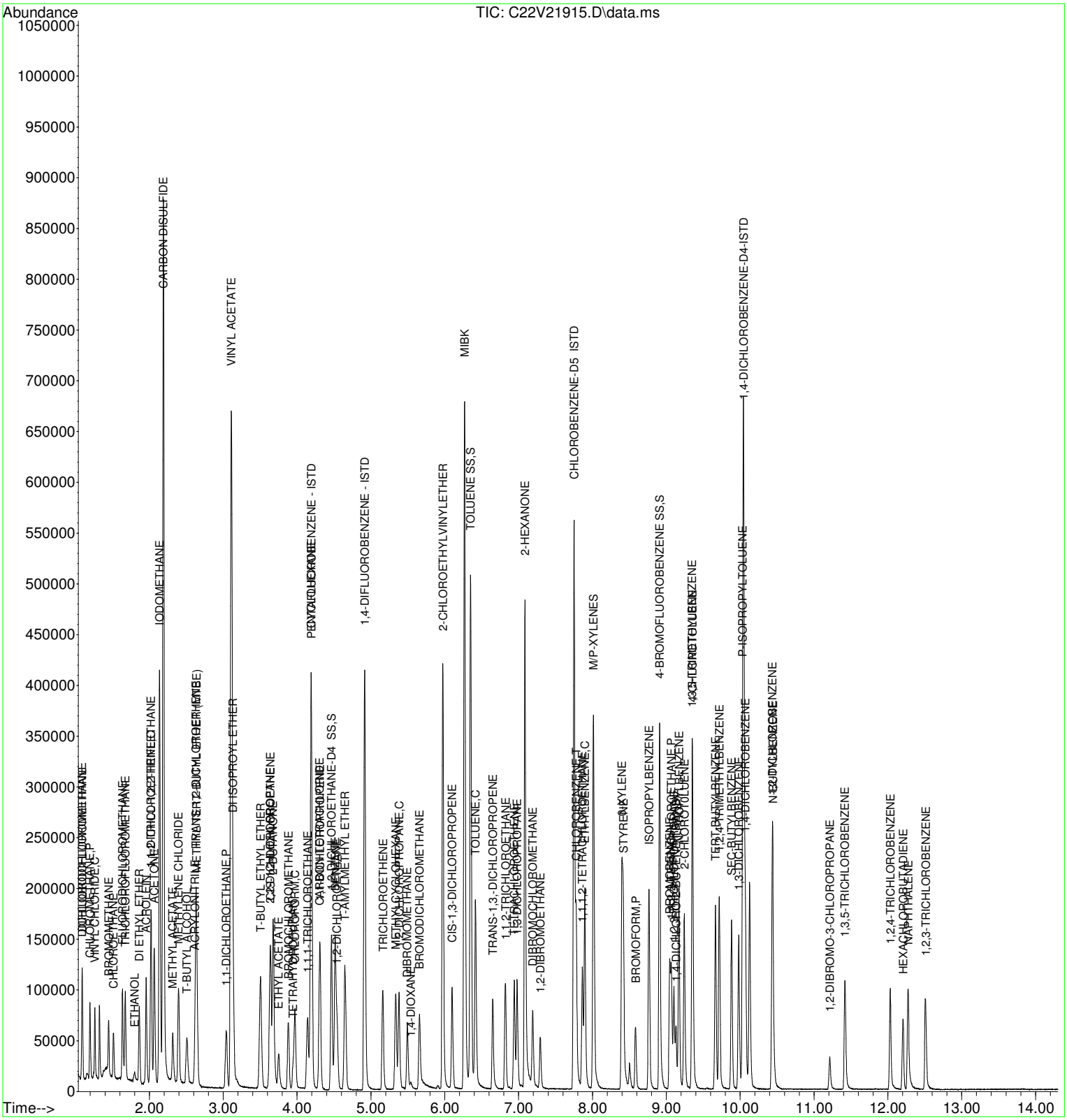
Quant Time: Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	5.493	93	20571	10.94	UG/L		93
56) 1,4-DIOXANE	5.540	88	4230	95.23	UG/L	#	75
57) BROMODICHLOROMETHANE	5.657	83	39854	11.00	UG/L		97
58) 2-CHLOROETHYLVINYLETHER	5.975	63	151076	102.07	UG/L		89
59) MIBK	6.268	43	406948	91.21	UG/L		100
60) CIS-1,3-DICHLOROPROPENE	6.101	75	46895	10.15	UG/L		97
61) TOLUENE	6.416	91	116091	10.45	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	6.650	75	41106	9.84	UG/L		94
64) 1,1,2-TRICHLOROETHANE	6.823	97	27847	10.65	UG/L		94
65) 2-HEXANONE	7.085	43	285391	89.06	UG/L		98
66) TETRACHLOROETHENE	6.940	166	28554	11.10	UG/L		98
67) 1,3-DICHLOROPROPANE	6.979	76	50659	10.39	UG/L		98
68) DIBROMOCHLOROMETHANE	7.188	129	33122	11.01	UG/L		99
69) 1,2-DIBROMOETHANE	7.292	107	30712	10.52	UG/L		98
72) CHLOROBENZENE	7.780	112	77992	11.15	UG/L		93
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	28567	11.44	UG/L		97
74) ETHYLBENZENE	7.897	91	127905	10.62	UG/L		95
75) M/P-XYLENES	8.014	91	195507	21.42	UG/L		97
76) 0-XYLENE	8.399	91	105354	11.21	UG/L		95
77) STYRENE	8.418	104	85527	11.28	UG/L		98
78) BROMOFORM	8.586	173	25083	11.39	UG/L		100
79) ISOPROPYLBENZENE	8.767	105	119078	10.92	UG/L		97
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	45663	10.99	UG/L		96
82) 1,4-DICHLORO-2-BUTENE(...	9.132	53	10659	10.16	UG/L	#	84
83) BROMOBENZENE	9.046	77	49353	9.87	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	9.104	75	33249	9.58	UG/L		99
85) N-PROPYLBENZENE	9.171	91	132248	10.31	UG/L		97
86) 2-CHLOROT0LUENE	9.244	91	87309	10.73	UG/L		96
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	96819	10.64	UG/L		95
88) 4-CHLOROTOLUENE	9.355	91	96583	10.43	UG/L		97
90) TERT-BUTYLBENZENE	9.665	119	76927	10.21	UG/L		95
91) 1,2,4-TRIMETHYLBENZENE	9.718	105	97091	10.20	UG/L		96
92) SEC-BUTYLBENZENE	9.885	105	105295	9.91	UG/L		97
93) 1,3-DICHLOROBENZENE	9.980	146	59048	10.71	UG/L		99
94) P-ISOPROPYLTOLUENE	10.033	119	87677	9.58	UG/L		97
95) 1,4-DICHLOROBENZENE	10.069	146	58875	10.07	UG/L	#	92
97) N-BUTYLBENZENE	10.443	91	74590	9.06	UG/L		97
98) 1,2-DICHLOROBENZENE	10.434	146	59874	10.76	UG/L		98
99) 1,2-DIBROMO-3-CHLOROPR...	11.212	75	7618	9.95	UG/L		90
100) 1,3,5-TRICHLOROBENZENE	11.416	180	35449	9.33	UG/L		96
101) 1,2,4-TRICHLOROBENZENE	12.032	180	31206	8.72	UG/L		98
102) HEXACHLOROBUTADIENE	12.205	225	14173	10.40	UG/L		98
103) NAPHTHALENE	12.275	128	86722m	8.11	UG/L		
104) 1,2,3-TRICHLOROBENZENE	12.512	180	29849	8.40	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21915.D
Acq On : 8 Aug 2022 12:46 pm
Operator :
Sample : 8260STD 10PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

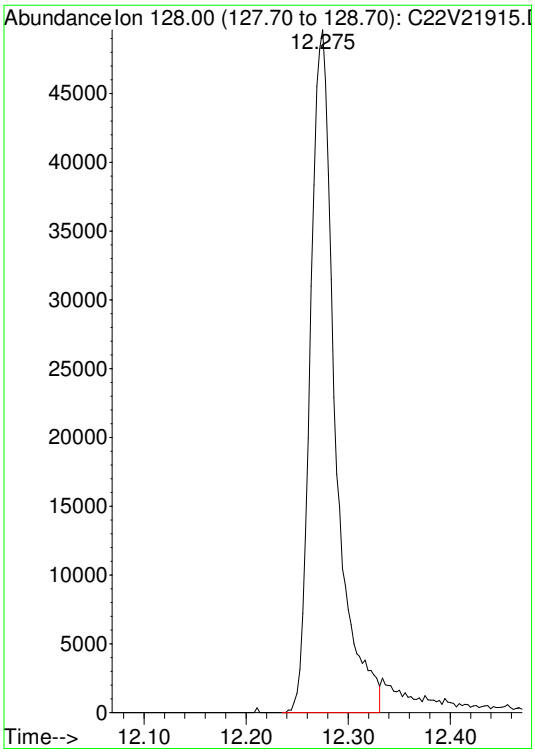
Quant Time: Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21915.D
Acq On : 8 Aug 2022 12:46 pm
Operator :
Sample : 8260STD 10PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:57:12 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
NAPHTHALENE



Original Int. Results

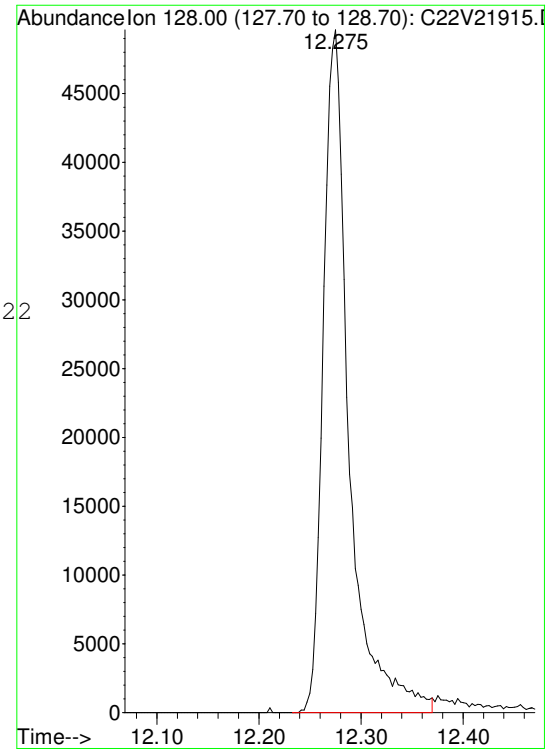
RT : 12.27
Area : 83237
Amount: 7.78165

Manual Int. Results

Mon Aug 08 13:57:12 2022

MIuser: EEH
Reason: Other
RT : 12.27
Area : 86722
Amount: 8.10746

Manual Integration
NAPHTHALENE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21916.D
Acq On : 8 Aug 2022 1:10 pm
Operator :
Sample : 8260STD 20PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 08 13:58:31 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.191	168	195836	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	287993	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	143489	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	143997	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	91558	24.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.40%				
49) TOLUENE SS	6.349	98	287646	25.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	106568	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	61712	19.33	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.090	51	80187	21.01	UG/L	#	100
5) CHLOROMETHANE	1.193	50	80145m	18.81	UG/L		
6) VINYL CHLORIDE	1.260	62	74108	21.77	UG/L		99
7) BROMOMETHANE	1.444	94	31294	16.84	UG/L		100
8) CHLOROETHANE	1.508	64	47814	25.42	UG/L		99
9) FLUORODICHLOROMETHANE	1.634	67	116251	22.59	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.670	101	91116	24.05	UG/L		97
11) ETHANOL	1.806	45	13423	201.11	UG/L	#	88
12) DI ETHYL ETHER	1.862	59	52801	21.85	UG/L		96
13) ACROLEIN	1.957	56	127908	158.70	UG/L		99
14) ACETONE	2.066	43	236323	192.39	UG/L		95
15) 1,1-DICHLOROETHENE	2.021	61	90527	23.88	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.016	101	52777	25.43	UG/L		86
17) IODOMETHANE	2.135	142	754312	243.19	UG/L		98
20) METHYL ACETATE	2.317	43	90747	23.85	UG/L		96
21) T-BUTYL ALCOHOL	2.512	59	97826	207.02	UG/L	#	95
22) ACRYLONITRILE	2.615	53	30366	18.73	UG/L		98
23) METHYLENE CHLORIDE	2.392	49	89226	22.17	UG/L		97
24) CARBON DISULFIDE	2.188	76	1810004	247.60	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.637	73	190841	22.31	UG/L		96
26) TRANS 1,2-DICHLOROETHENE	2.629	61	82216	20.95	UG/L		96
27) 1,1-DICHLOROETHANE	3.039	63	107655	20.49	UG/L		99
28) VINYL ACETATE	3.109	43	1903493	188.61	UG/L		99
29) DI ISOPROYL ETHER	3.125	45	217067	19.10	UG/L		96
31) 2-BUTANONE	3.675	43	377890	171.34	UG/L		97
32) T-BUTYL ETHYL ETHER	3.502	59	192968	20.37	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.639	61	95923	20.98	UG/L		92
34) 2,2-DICHLOROPROPANE	3.630	77	80827	20.53	UG/L		90
35) ETHYL ACETATE	3.747	43	79977	17.95	UG/L		99
38) BROMOCHLOROMETHANE	3.881	49	56866	21.09	UG/L		99
39) TETRAHYDROFURAN	3.940	42	24950	18.94	UG/L	#	89
40) CHLOROFORM	3.968	83	105207	21.60	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.140	97	88067	22.62	UG/L		97
42) CYCLOHEXANE	4.188	56	89795	19.48	UG/L		96
43) CARBON TETRACHLORIDE	4.305	117	74338	22.79	UG/L		97
44) 1,1-DICHLOROPROPENE	4.308	75	77219	21.40	UG/L		94
45) BENZENE	4.514	78	228669	20.30	UG/L		99
47) T-AMYLMETHYL ETHER	4.648	73	185177	22.00	UG/L		95
50) 1,2-DICHLOROETHANE	4.539	62	88085	22.46	UG/L		98
51) TRICHLOROETHENE	5.158	95	57026	22.50	UG/L		94
52) METHYLCYCLOHEXANE	5.334	83	69608	20.07	UG/L		94
53) 1,2-DICHLOROPROPANE	5.379	63	61299	20.19	UG/L		98

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21916.D
Acq On : 8 Aug 2022 1:10 pm
Operator :
Sample : 8260STD 20PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

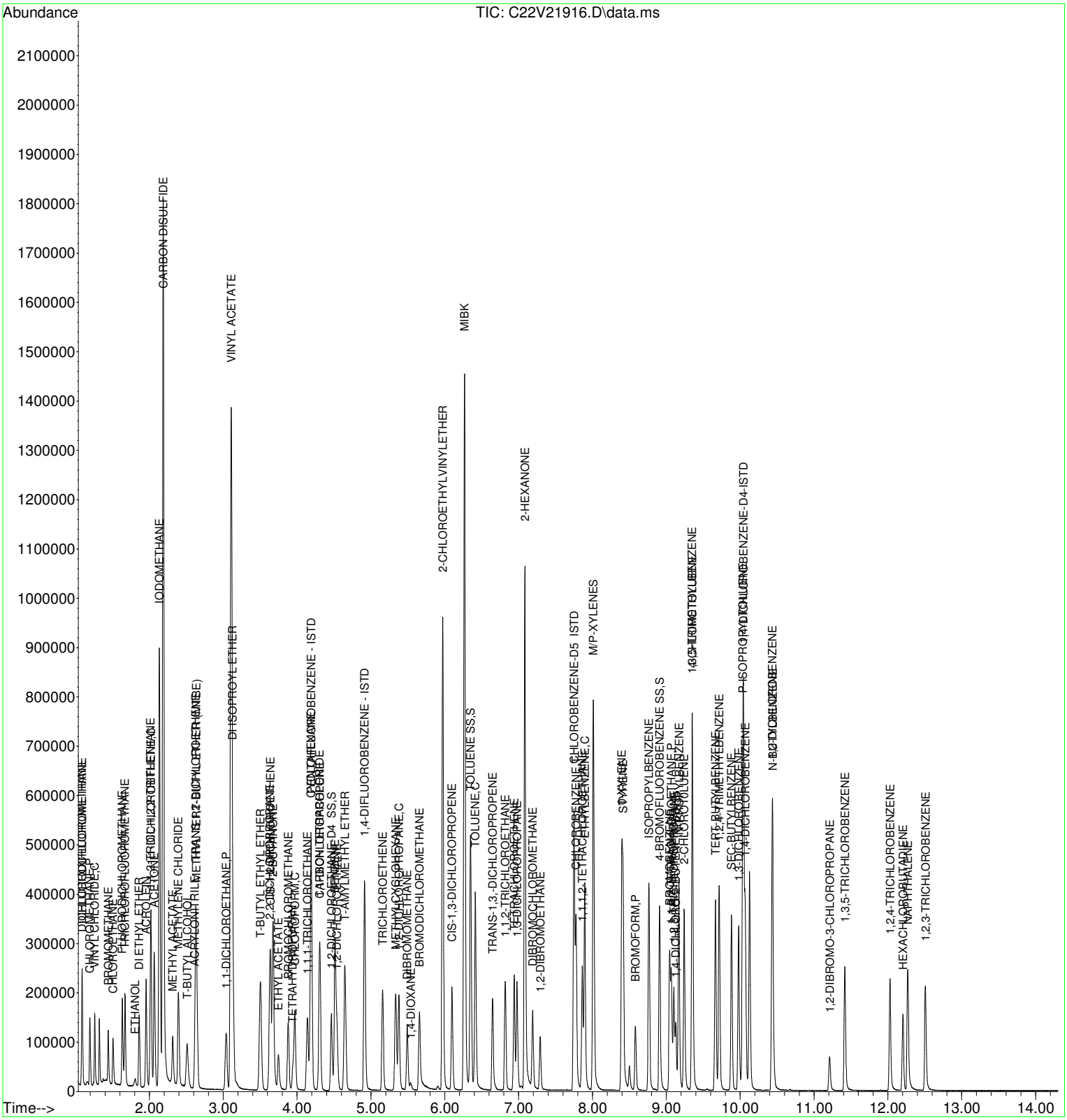
Quant Time: Aug 08 13:58:31 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	5.490	93	41749	22.16	UG/L	94
56) 1,4-DIOXANE	5.540	88	9614	216.06	UG/L #	82
57) BROMODICHLOROMETHANE	5.657	83	82091	22.62	UG/L	97
58) 2-CHLOROETHYLVINYLETHER	5.973	63	332617	224.32	UG/L	90
59) MIBK	6.265	43	856013	191.52	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	97267	21.01	UG/L	95
61) TOLUENE	6.413	91	242651	21.80	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.647	75	85947	20.53	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.818	97	57873	22.09	UG/L	95
65) 2-HEXANONE	7.085	43	605554	188.63	UG/L	98
66) TETRACHLOROETHENE	6.940	166	58783	22.81	UG/L	98
67) 1,3-DICHLOROPROPANE	6.977	76	104223	21.34	UG/L	100
68) DIBROMOCHLOROMETHANE	7.191	129	68797	22.83	UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	64672	22.11	UG/L	99
72) CHLOROBENZENE	7.777	112	161032	22.77	UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	60574	23.98	UG/L	98
74) ETHYLBENZENE	7.894	91	264146	21.69	UG/L	96
75) M/P-XYLENES	8.011	91	408236	44.24	UG/L	98
76) 0-XYLENE	8.396	91	218376	22.97	UG/L	96
77) STYRENE	8.413	104	178714	23.30	UG/L	97
78) BROMOFORM	8.580	173	54064	24.28	UG/L	99
79) ISOPROPYLBENZENE	8.764	105	247208	22.41	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	95789	22.81	UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.127	53	22857m	21.55	UG/L	
83) BROMOBENZENE	9.046	77	105392	20.85	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	9.101	75	71178	20.29	UG/L	100
85) N-PROPYLBENZENE	9.171	91	279616	21.57	UG/L	98
86) 2-CHLOROT0LUENE	9.241	91	179667	21.83	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	200925	21.84	UG/L	98
88) 4-CHLOROTOLUENE	9.352	91	207622	22.17	UG/L	98
90) TERT-BUTYLBENZENE	9.665	119	165628	21.32	UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	200714	20.45	UG/L	98
92) SEC-BUTYLBENZENE	9.882	105	222301	20.28	UG/L	96
93) 1,3-DICHLOROBENZENE	9.980	146	124228	21.84	UG/L	99
94) P-ISOPROPYLTOLUENE	10.036	119	189553	20.08	UG/L	99
95) 1,4-DICHLOROBENZENE	10.069	146	128569	21.32	UG/L	97
97) N-BUTYLBENZENE	10.440	91	164886	19.41	UG/L	95
98) 1,2-DICHLOROBENZENE	10.434	146	127390	22.20	UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.212	75	16396	20.77	UG/L	92
100) 1,3,5-TRICHLOROBENZENE	11.419	180	77936	19.89	UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.030	180	68945	18.68	UG/L	99
102) HEXACHLOROBUTADIENE	12.202	225	30170	21.47	UG/L	95
103) NAPHTHALENE	12.269	128	197905	17.94	UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.509	180	66701	18.20	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21916.D
Acq On : 8 Aug 2022 1:10 pm
Operator :
Sample : 8260STD 20PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

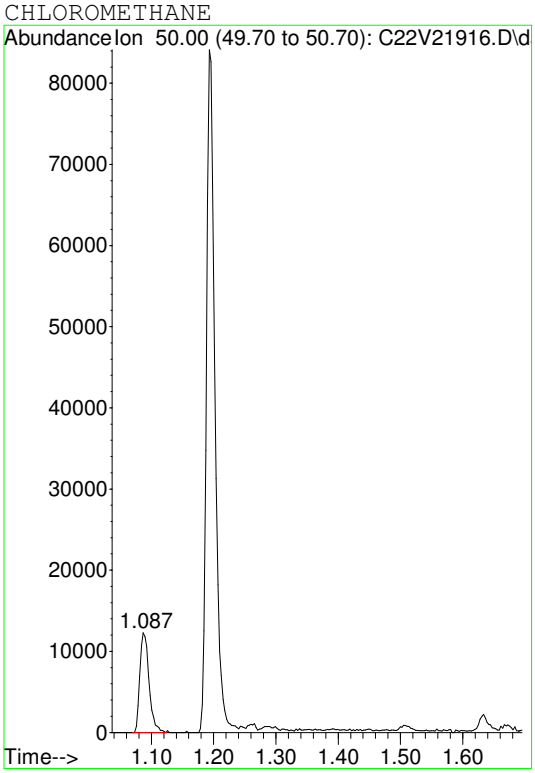
Quant Time: Aug 08 13:58:31 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21916.D
Acq On : 8 Aug 2022 1:10 pm
Operator :
Sample : 8260STD 20PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:58:31 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE



Original Int. Results

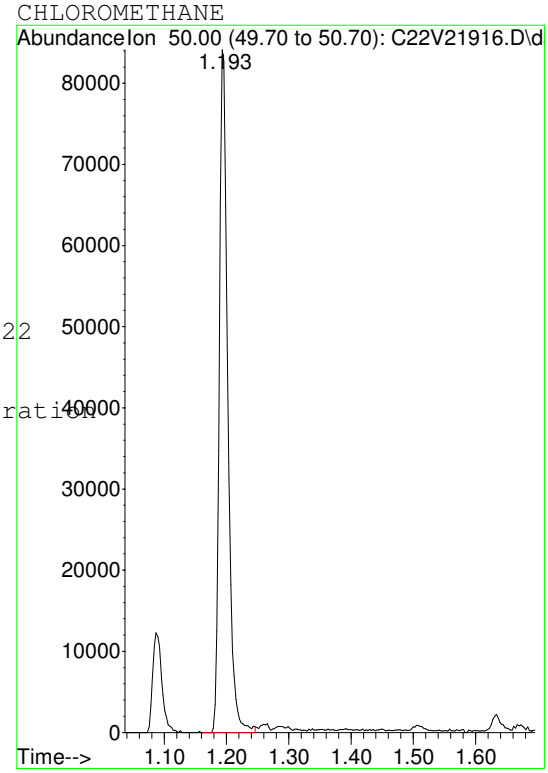
RT : 1.09
Area : 12609
Amount: 2.96009

Manual Int. Results

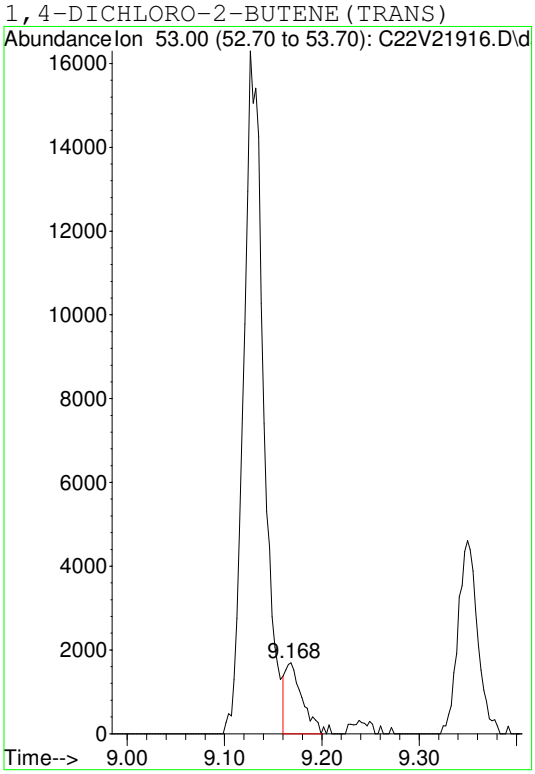
Mon Aug 08 13:57:39 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.19
Area : 80145
Amount: 18.8148

Manual Integration
CHLOROMETHANE



Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

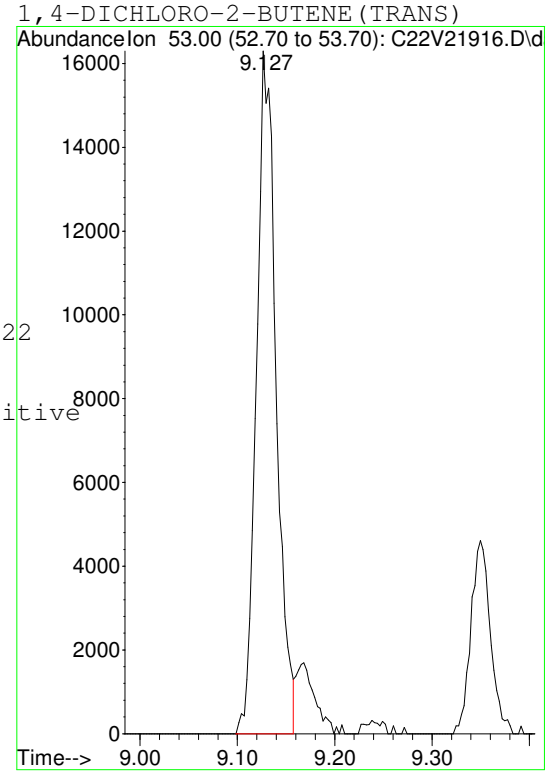
RT : 9.17
Area : 2015
Amount: 1.89949

Manual Int. Results

Mon Aug 08 13:58:31 2022

MIuser: EEH
Reason: Qdel False Positive
RT : 9.13
Area : 22857
Amount: 21.5468

Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21917.D
Acq On : 8 Aug 2022 1:34 pm
Operator :
Sample : 8260STD 50PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	201796	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	294674	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	144633	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	147961	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92898	24.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%				
49) TOLUENE SS	6.349	98	292550	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
71) 4-BROMOFLUOROBENZENE SS	8.906	95	107794	25.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	158748	48.26	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.093	51	204705	52.06	UG/L	#	100
5) CHLOROMETHANE	1.196	50	196280m	44.72	UG/L		
6) VINYL CHLORIDE	1.263	62	188629	53.77	UG/L		98
7) BROMOMETHANE	1.447	94	118366	61.81	UG/L		98
8) CHLOROETHANE	1.514	64	120246	62.04	UG/L		97
9) FLUORODICHLOROMETHANE	1.636	67	293433	55.33	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.675	101	231180	59.21	UG/L		97
12) DI ETHYL ETHER	1.862	59	134514	54.01	UG/L		97
13) ACROLEIN	1.957	56	321982	387.70	UG/L		99
14) ACETONE	2.066	43	601292	475.06	UG/L		95
15) 1,1-DICHLOROETHENE	2.024	61	231407	59.25	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	134597	62.93	UG/L		87
17) IODOMETHANE	2.138	142	2081642	651.30	UG/L		98
20) METHYL ACETATE	2.317	43	225054	57.41	UG/L		97
21) T-BUTYL ALCOHOL	2.504	59	255906	525.56	UG/L	#	94
22) ACRYLONITRILE	2.618	53	83067	49.71	UG/L		97
23) METHYLENE CHLORIDE	2.395	49	222123	53.57	UG/L		96
24) CARBON DISULFIDE	2.191	76	4616921	612.91	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.637	73	516462	58.59	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.632	61	222296	54.96	UG/L		95
27) 1,1-DICHLOROETHANE	3.042	63	280215	51.75	UG/L		99
28) VINYL ACETATE	3.109	43	4991159	479.95	UG/L		98
29) DI ISOPROYL ETHER	3.125	45	565400	48.27	UG/L		96
31) 2-BUTANONE	3.672	43	1005897	442.62	UG/L		96
32) T-BUTYL ETHYL ETHER	3.505	59	505980	51.83	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.639	61	250728	53.22	UG/L		92
34) 2,2-DICHLOROPROPANE	3.636	77	226185	55.76	UG/L		90
35) ETHYL ACETATE	3.745	43	215889	47.02	UG/L		99
38) BROMOCHLOROMETHANE	3.878	49	138430	49.82	UG/L		98
39) TETRAHYDROFURAN	3.940	42	67250	49.56	UG/L		90
40) CHLOROFORM	3.970	83	273189	54.42	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.141	97	228007	56.85	UG/L		96
42) CYCLOHEXANE	4.191	56	224239	47.22	UG/L		94
43) CARBON TETRACHLORIDE	4.305	117	196248	58.38	UG/L		97
44) 1,1-DICHLOROPROPENE	4.308	75	198650	53.43	UG/L		96
45) BENZENE	4.514	78	587237	50.58	UG/L		99
47) T-AMYLMETHYL ETHER	4.648	73	485004	55.92	UG/L		96
50) 1,2-DICHLOROETHANE	4.539	62	228936	57.04	UG/L		97
51) TRICHLOROETHENE	5.156	95	150056	57.86	UG/L		92
52) METHYLCYCLOHEXANE	5.334	83	182308	51.38	UG/L		94
53) 1,2-DICHLOROPROPANE	5.379	63	164363	52.91	UG/L		98
54) DIBROMOMETHANE	5.490	93	109278	56.69	UG/L		93

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21917.D
Acq On : 8 Aug 2022 1:34 pm
Operator :
Sample : 8260STD 50PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

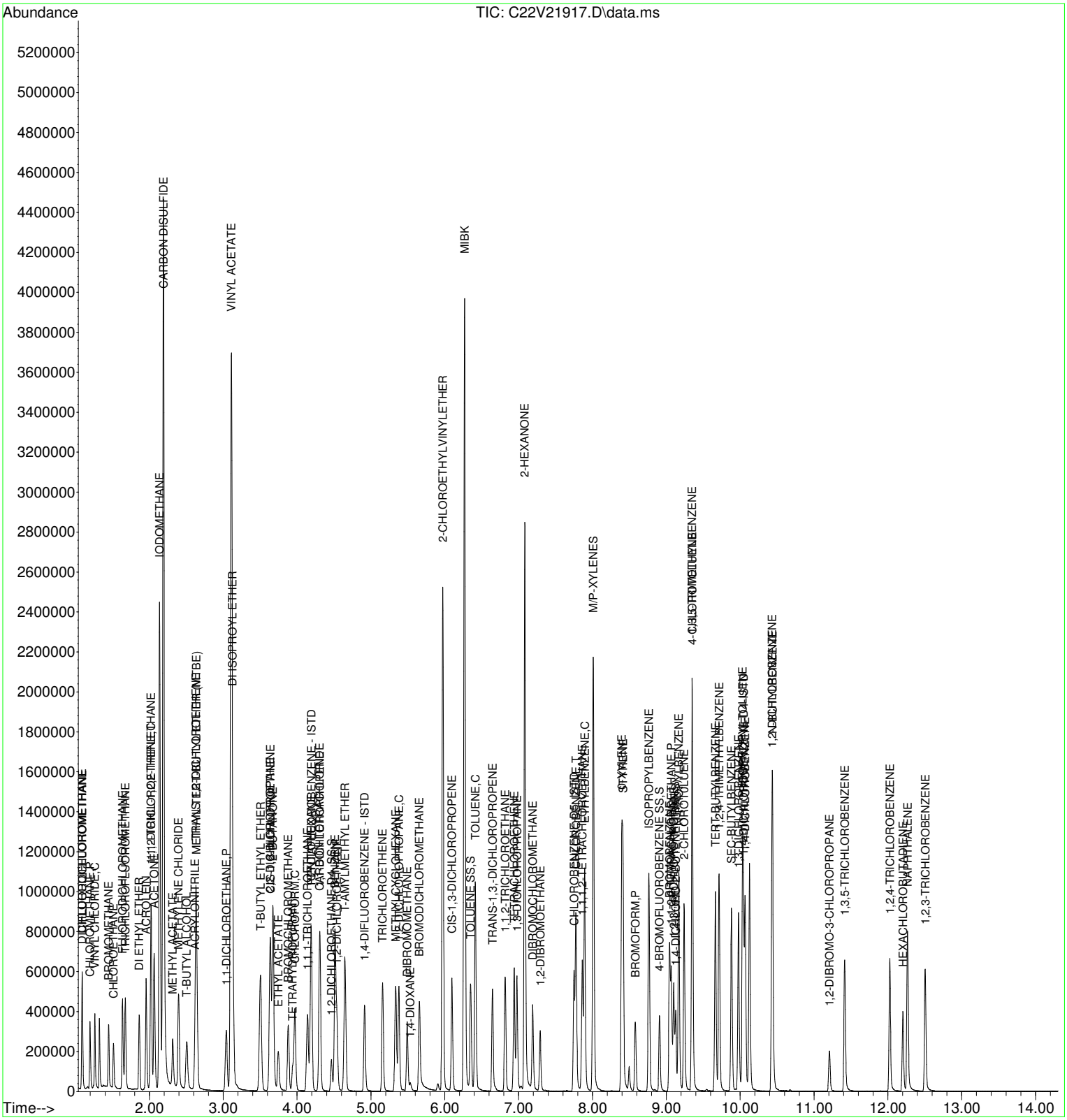
Quant Time: Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	5.532	88	24518	538.52	UG/L	#	71
57) BROMODICHLOROMETHANE	5.655	83	215959	58.15	UG/L		97
58) 2-CHLOROETHYLVINYLETHER	5.973	63	896251	590.74	UG/L		89
59) MIBK	6.268	43	2256646	493.43	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	261752	55.25	UG/L		95
61) TOLUENE	6.416	91	632875	55.57	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	6.648	75	228959	53.46	UG/L		93
64) 1,1,2-TRICHLOROETHANE	6.818	97	152183	56.76	UG/L		96
65) 2-HEXANONE	7.083	43	1607232	489.30	UG/L		98
66) TETRACHLOROETHENE	6.940	166	155188	58.86	UG/L		97
67) 1,3-DICHLOROPROPANE	6.977	76	274115	54.85	UG/L		99
68) DIBROMOCHLOROMETHANE	7.191	129	181581	58.88	UG/L		98
69) 1,2-DIBROMOETHANE	7.292	107	167881	56.10	UG/L		99
72) CHLOROBENZENE	7.777	112	417454	58.55	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	156763	61.58	UG/L		99
74) ETHYLBENZENE	7.894	91	687823	56.04	UG/L		96
75) M/P-XYLENES	8.011	91	1084210	116.57	UG/L		97
76) 0-XYLENE	8.396	91	565944	59.06	UG/L		97
77) STYRENE	8.413	104	467735	60.50	UG/L		96
78) BROMOFORM	8.580	173	142547	63.52	UG/L		98
79) ISOPROPYLBENZENE	8.764	105	645593	58.07	UG/L		98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	249642	58.98	UG/L		96
82) 1,4-DICHLORO-2-BUTENE(...	9.127	53	64424	60.25	UG/L	#	81
83) BROMOBENZENE	9.043	77	272129	53.40	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	9.102	75	190507	53.87	UG/L		97
85) N-PROPYLBENZENE	9.168	91	733572	56.13	UG/L		98
86) 2-CHLOROT0LUENE	9.241	91	465886	56.17	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	529200	57.08	UG/L		97
88) 4-CHLOROTOLUENE	9.352	91	539056	57.10	UG/L		98
90) TERT-BUTYLBENZENE	9.665	119	423598	53.06	UG/L		95
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	528648	52.42	UG/L		98
92) SEC-BUTYLBENZENE	9.882	105	574310	50.98	UG/L		97
93) 1,3-DICHLOROBENZENE	9.977	146	325798	55.74	UG/L		99
94) P-ISOPROPYLTOLUENE	10.033	119	496013	51.13	UG/L		99
95) 1,4-DICHLOROBENZENE	10.066	146	333618	53.84	UG/L		97
97) N-BUTYLBENZENE	10.437	91	438567	50.25	UG/L		95
98) 1,2-DICHLOROBENZENE	10.432	146	330923	56.13	UG/L		98
99) 1,2-DIBROMO-3-CHLOROPR...	11.207	75	43996	54.23	UG/L		92
100) 1,3,5-TRICHLOROBENZENE	11.416	180	206206	51.22	UG/L		98
101) 1,2,4-TRICHLOROBENZENE	12.027	180	193674	51.07	UG/L		100
102) HEXACHLOROBUTADIENE	12.202	225	76127	52.71	UG/L		97
103) NAPHTHALENE	12.267	128	583579	51.48	UG/L		99
104) 1,2,3-TRICHLOROBENZENE	12.506	180	190522	50.58	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21917.D
Acq On : 8 Aug 2022 1:34 pm
Operator :
Sample : 8260STD 50PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

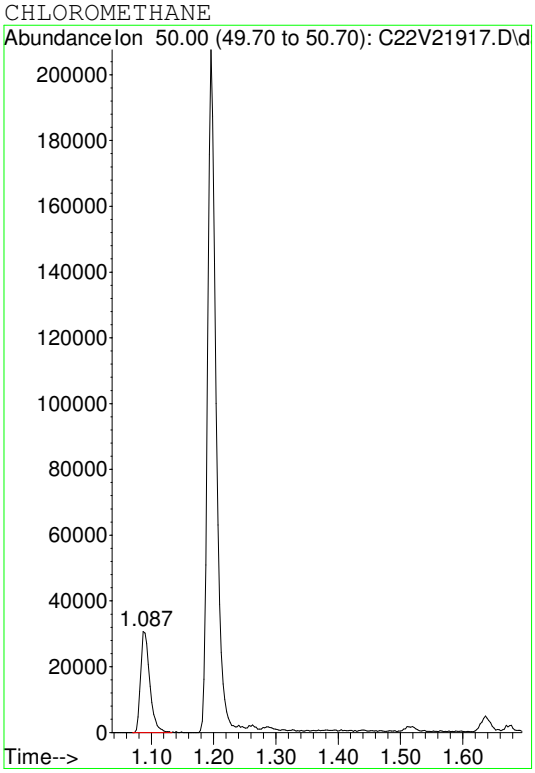
Quant Time: Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21917.D
Acq On : 8 Aug 2022 1:34 pm
Operator :
Sample : 8260STD 50PPB 2206105
Misc :

Quant Time : Mon Aug 08 13:59:14 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE



Original Int. Results

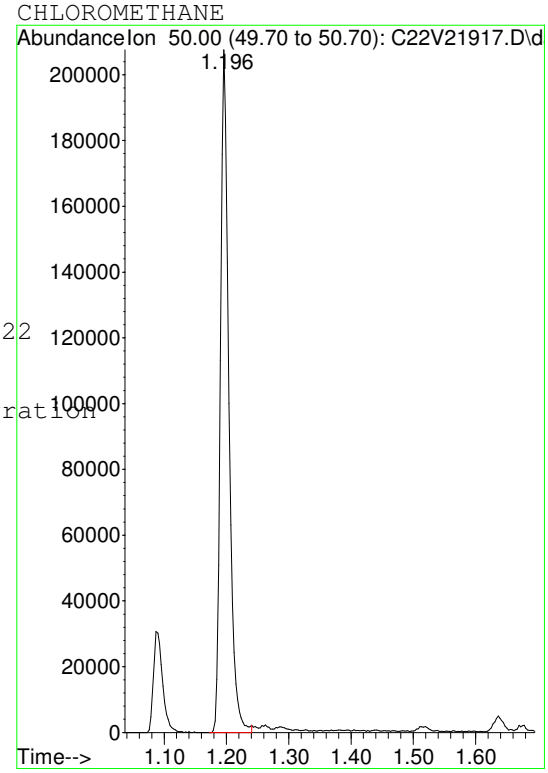
RT : 1.09
Area : 31509
Amount: 7.17858

Manual Int. Results

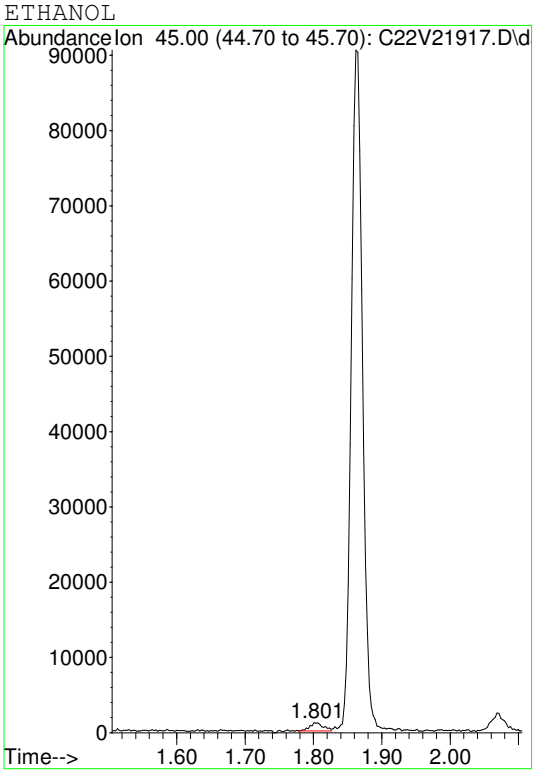
Mon Aug 08 13:59:05 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.20
Area : 196280
Amount: 44.7178

Manual Integration
CHLOROMETHANE



Original Integration
ETHANOL



Original Int. Results

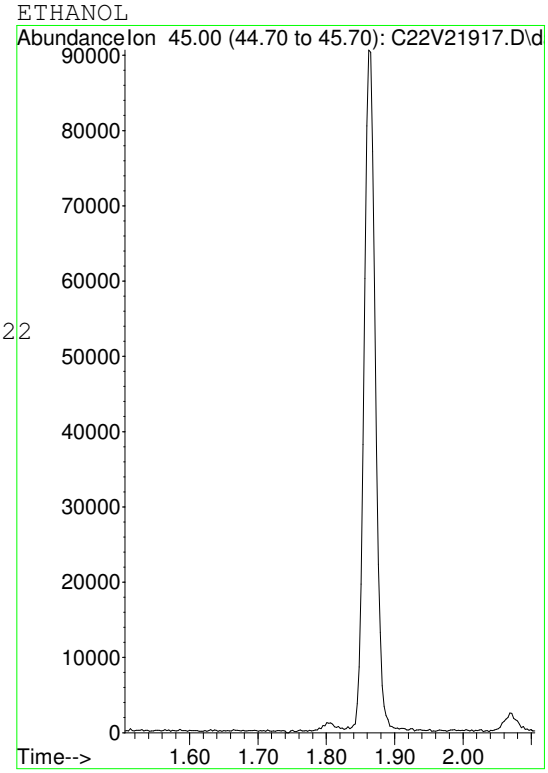
RT : 1.80
Area : 1575
Amount: 22.9002

Manual Int. Results

Mon Aug 08 13:59:13 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.194	168	207525	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	305879	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	150654	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	157880m	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	95017	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	6.352	98	300659	24.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	113179	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	319640	94.48	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.090	51	412969	102.12	UG/L	#	100
5) CHLOROMETHANE	1.196	50	411266m	91.11	UG/L		
6) VINYL CHLORIDE	1.260	62	380257	105.39	UG/L		98
7) BROMOMETHANE	1.444	94	212024	107.65	UG/L		99
8) CHLOROETHANE	1.508	64	235369	118.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.634	67	590184	108.21	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.673	101	462906	115.28	UG/L		97
12) DI ETHYL ETHER	1.862	59	271752	106.11	UG/L		96
13) ACROLEIN	1.957	56	698876	818.29	UG/L		100
14) ACETONE	2.066	43	1216737	934.77	UG/L		95
15) 1,1-DICHLOROETHENE	2.021	61	461747	114.96	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.019	101	273677	124.43	UG/L		87
17) IODOMETHANE	2.136	142	4465385	1358.55	UG/L		99
20) METHYL ACETATE	2.317	43	452746	112.30	UG/L		96
21) T-BUTYL ALCOHOL	2.512	59	527627	1053.68	UG/L	#	92
22) ACRYLONITRILE	2.618	53	173336	100.87	UG/L		99
23) METHYLENE CHLORIDE	2.395	49	446658	104.75	UG/L		96
24) CARBON DISULFIDE	2.189	76	9391706	1212.37	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.638	73	1035453	114.22	UG/L		96
26) TRANS 1,2-DICHLOROETHENE	2.629	61	448363	107.79	UG/L		96
27) 1,1-DICHLOROETHANE	3.042	63	565481	101.54	UG/L		99
28) VINYL ACETATE	3.112	43	10196995	953.47	UG/L		98
29) DI ISOPROYL ETHER	3.128	45	1158349	96.17	UG/L		96
31) 2-BUTANONE	3.675	43	2057571	880.39	UG/L		96
32) T-BUTYL ETHYL ETHER	3.505	59	1038088	103.40	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.639	61	514280	106.15	UG/L		93
34) 2,2-DICHLOROPROPANE	3.633	77	451799	108.30	UG/L		90
35) ETHYL ACETATE	3.745	43	454972	96.36	UG/L		98
38) BROMOCHLOROMETHANE	3.879	49	252896	88.50	UG/L		99
39) TETRAHYDROFURAN	3.937	42	138376	99.15	UG/L		91
40) CHLOROFORM	3.971	83	555938	107.70	UG/L		96
41) 1,1,1-TRICHLOROETHANE	4.141	97	466269	113.04	UG/L		97
42) CYCLOHEXANE	4.188	56	455193	93.21	UG/L		93
43) CARBON TETRACHLORIDE	4.305	117	401942	116.28	UG/L		97
44) 1,1-DICHLOROPROPENE	4.308	75	410178	107.27	UG/L		96
45) BENZENE	4.514	78	1203747	100.82	UG/L		99
47) T-AMYLMETHYL ETHER	4.648	73	999362	112.04	UG/L		95
50) 1,2-DICHLOROETHANE	4.540	62	466780	112.05	UG/L		98
51) TRICHLOROETHENE	5.156	95	305614	113.53	UG/L		93
52) METHYLCYCLOHEXANE	5.334	83	372434	101.13	UG/L		94
53) 1,2-DICHLOROPROPANE	5.379	63	333400	103.40	UG/L		99
54) DIBROMOMETHANE	5.490	93	224105	112.00	UG/L		94

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

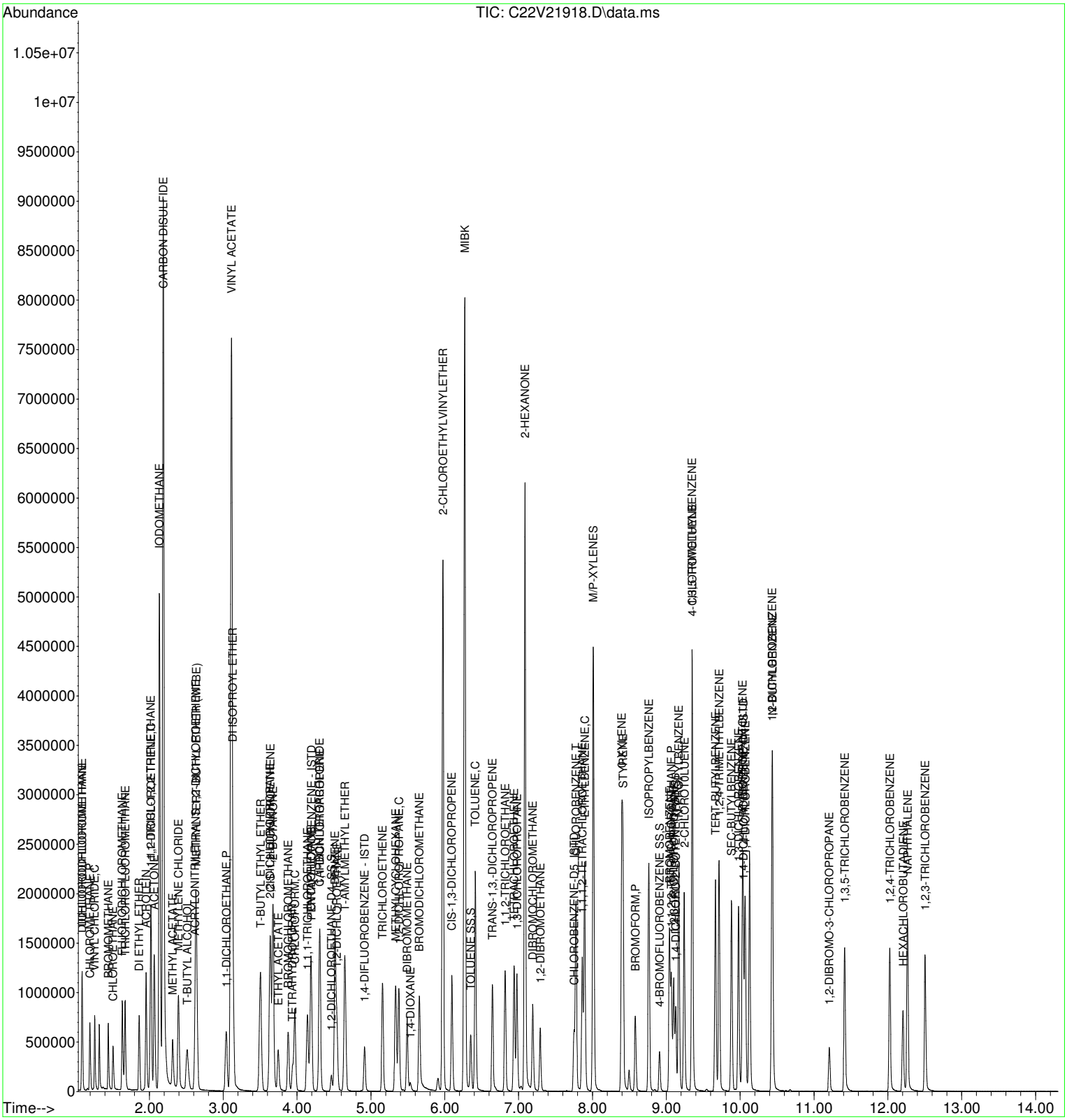
Quant Time: Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	5.535	88	50642	1071.56 UG/L #	68
57) BROMODICHLOROMETHANE	5.655	83	446288	115.77 UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.976	63	1892822	1201.90 UG/L	89
59) MIBK	6.271	43	4688471	987.62 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	6.096	75	538317	109.47 UG/L	97
61) TOLUENE	6.413	91	1296415	109.67 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.645	75	478929	107.74 UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.818	97	315950	113.53 UG/L	96
65) 2-HEXANONE	7.086	43	3381066	991.62 UG/L	98
66) TETRACHLOROETHENE	6.938	166	322443	117.82 UG/L	97
67) 1,3-DICHLOROPROPANE	6.977	76	565125	108.94 UG/L	100
68) DIBROMOCHLOROMETHANE	7.191	129	382189	119.39 UG/L	98
69) 1,2-DIBROMOETHANE	7.292	107	352171	113.37 UG/L	99
72) CHLOROBENZENE	7.777	112	867710	116.84 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.861	131	327706	123.59 UG/L	99
74) ETHYLBENZENE	7.894	91	1431054	111.93 UG/L	96
75) M/P-XYLENES	8.011	91	2238870	231.10 UG/L	98
76) 0-XYLENE	8.396	91	1174808	117.70 UG/L	97
77) STYRENE	8.413	104	980137	121.72 UG/L	95
78) BROMOFORM	8.580	173	309614	132.45 UG/L	99
79) ISOPROPYLBENZENE	8.764	105	1337232	115.48 UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	520684	118.09 UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.127	53	138109	124.00 UG/L #	81
83) BROMOBENZENE	9.043	77	580324	109.33 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	9.102	75	399664	108.50 UG/L	97
85) N-PROPYLBENZENE	9.169	91	1530119	112.40 UG/L	98
86) 2-CHLOROT0LUENE	9.244	91	965256	111.72 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	1105111	114.44 UG/L	97
88) 4-CHLOROTOLUENE	9.353	91	1152655	117.21 UG/L	97
90) TERT-BUTYLBENZENE	9.665	119	890745	104.56 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	1113048	103.42 UG/L	98
92) SEC-BUTYLBENZENE	9.883	105	1203185	100.10 UG/L	98
93) 1,3-DICHLOROBENZENE	9.977	146	692553	111.05 UG/L	99
94) P-ISOPROPYLTOLUENE	10.033	119	1051949	101.62 UG/L	98
95) 1,4-DICHLOROBENZENE	10.069	146	712839	107.81 UG/L	97
97) N-BUTYLBENZENE	10.437	91	938680	100.79 UG/L	96
98) 1,2-DICHLOROBENZENE	10.432	146	707212	112.41 UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.204	75	96992	112.04 UG/L	90
100) 1,3,5-TRICHLOROBENZENE	11.416	180	448032	104.29 UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.027	180	423328	104.62 UG/L	100
102) HEXACHLOROBUTADIENE	12.205	225	167920	108.97 UG/L	97
103) NAPHTHALENE	12.267	128	1282262	106.01 UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.504	180	411470	102.38 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

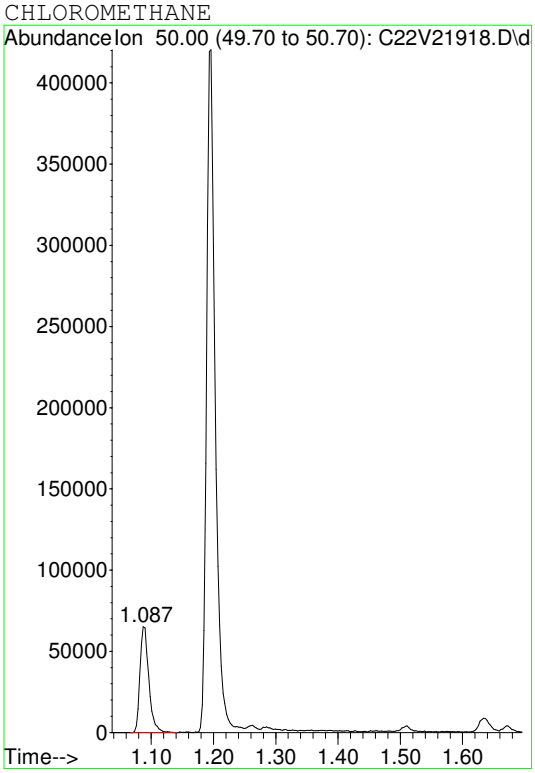
Quant Time: Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE



Original Int. Results

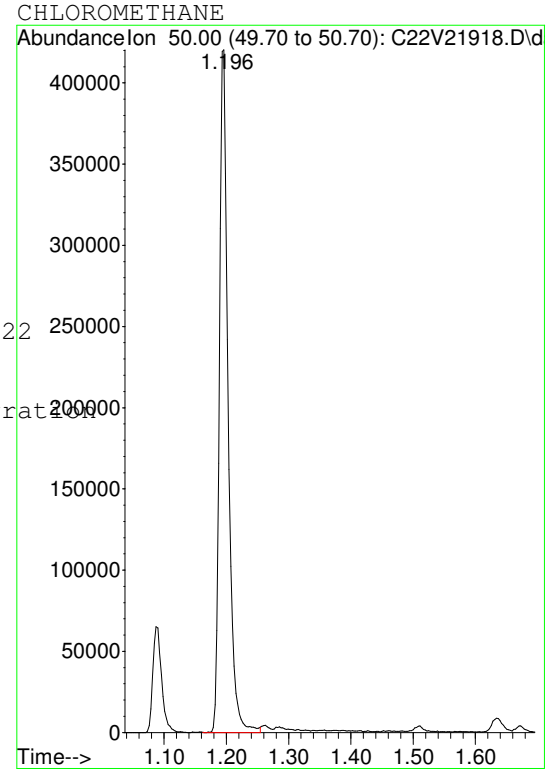
RT : 1.09
Area : 63977
Amount: 14.1733

Manual Int. Results

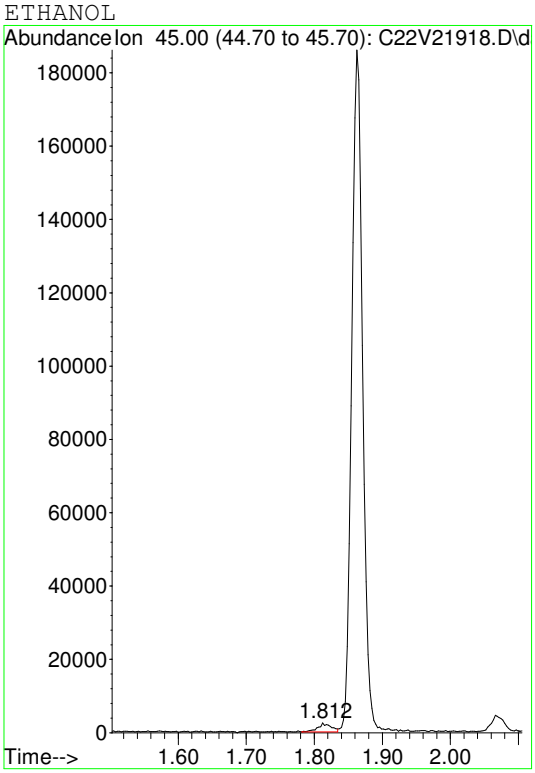
Tue Aug 09 06:23:46 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.20
Area : 411266
Amount: 91.1106

Manual Integration
CHLOROMETHANE



Original Integration
ETHANOL



Original Int. Results

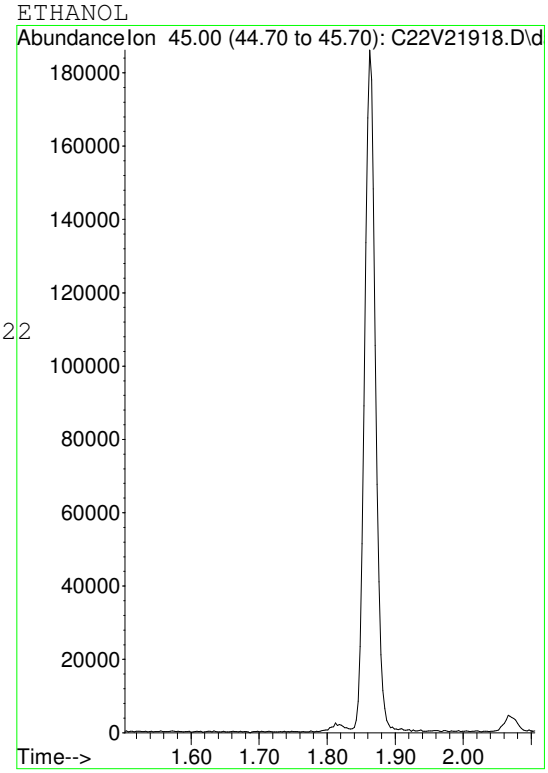
RT : 1.81
Area : 3248
Amount: 45.9217

Manual Int. Results

Tue Aug 09 06:23:54 2022

MIuser: EEH
Reason: Split Peak
RT : 0.00
Area : 0
Amount: 0

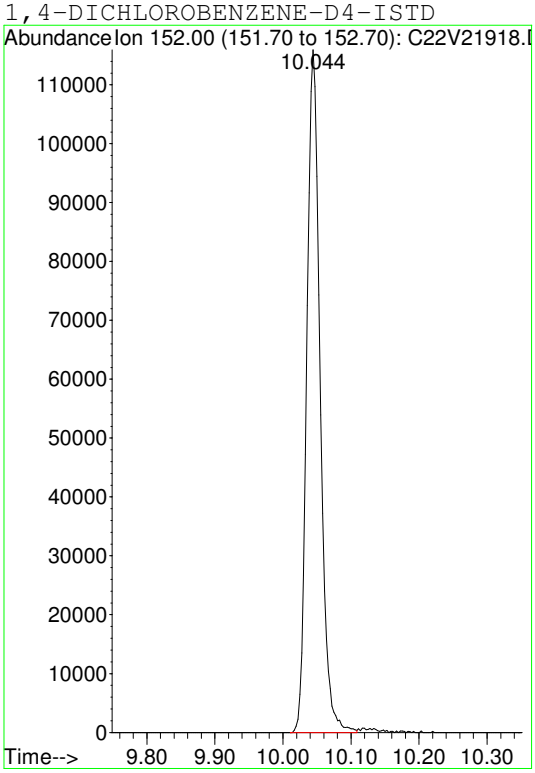
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21918.D
Acq On : 8 Aug 2022 1:59 pm
Operator :
Sample : 8260STD 100PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:46 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
1,4-DICHLOROBENZENE-D4-ISTD



Original Int. Results

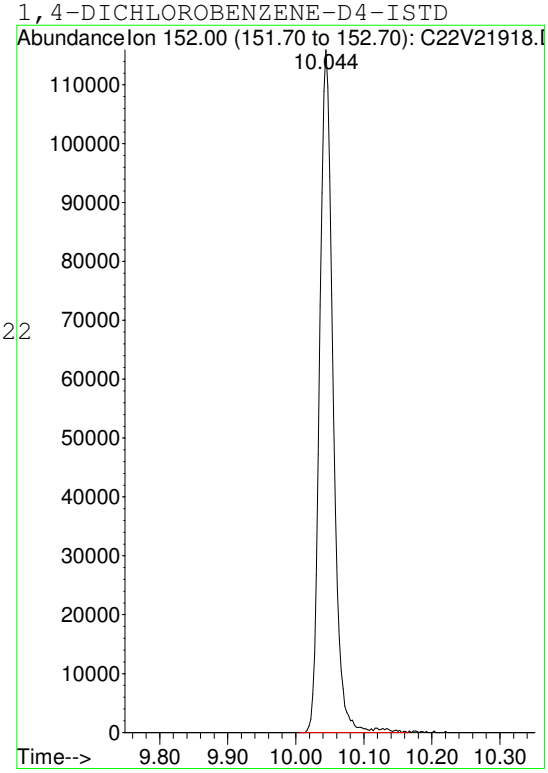
RT : 10.04
Area : 156597
Amount: 30

Manual Int. Results

Tue Aug 09 06:41:46 2022

MIuser: EEH
Reason: Split Peak
RT : 10.04
Area : 157880
Amount: 30

Manual Integration
1,4-DICHLOROBENZENE-D4-ISTD



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.194	168	211344	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	306522	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.749	82	155515	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	168149m	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	95572	24.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.16%			
49) TOLUENE SS	6.352	98	304676	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%			
71) 4-BROMOFLUOROBENZENE SS	8.909	95	119760	25.96	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.84%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.084	85	645308	187.30	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.090	51	847637	205.82	UG/L #	100
5) CHLOROMETHANE	1.193	50	896006m	194.91	UG/L	
6) VINYL CHLORIDE	1.260	62	769135	209.33	UG/L	98
7) BROMOMETHANE	1.441	94	435223	216.99	UG/L	100
8) CHLOROETHANE	1.500	64	464064	228.60	UG/L	97
9) FLUORODICHLOROMETHANE	1.631	67	1193928	214.95	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.667	101	925780	226.38	UG/L	98
12) DI ETHYL ETHER	1.862	59	548241	210.20	UG/L	97
13) ACROLEIN	1.957	56	1534492	1764.21	UG/L	100
14) ACETONE	2.069	43	2464910	1859.47	UG/L	95
15) 1,1-DICHLOROETHENE	2.018	61	938436	229.43	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.016	101	544277	242.98	UG/L	88
17) IODOMETHANE	2.136	142	9311028	2781.60	UG/L	98
20) METHYL ACETATE	2.317	43	914564	222.75	UG/L	96
21) T-BUTYL ALCOHOL	2.548	59	1079732m	2117.28	UG/L	
22) ACRYLONITRILE	2.618	53	357191	204.10	UG/L	98
23) METHYLENE CHLORIDE	2.392	49	890641	205.09	UG/L	95
24) CARBON DISULFIDE	2.180	76	16095597m	2040.22	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.638	73	2118935	229.51	UG/L	96
26) TRANS 1,2-DICHLOROETHENE	2.626	61	921008	217.42	UG/L	96
27) 1,1-DICHLOROETHANE	3.039	63	1162755	205.02	UG/L	99
28) VINYL ACETATE	3.109	43	18407533m	1690.09	UG/L	
29) DI ISOPROYL ETHER	3.128	45	2382524	194.23	UG/L	95
31) 2-BUTANONE	3.678	43	4290128	1802.48	UG/L	96
32) T-BUTYL ETHYL ETHER	3.502	59	2135862	208.90	UG/L	99
33) CIS-1,2-DICHLOROETHENE	3.639	61	1058464	214.53	UG/L	93
34) 2,2-DICHLOROPROPANE	3.633	77	923079	217.27	UG/L	91
35) ETHYL ACETATE	3.745	43	902462	187.68	UG/L	99
38) BROMOCHLOROMETHANE	3.878	49	462279	158.85	UG/L	99
39) TETRAHYDROFURAN	3.940	42	288569	203.04	UG/L	91
40) CHLOROFORM	3.971	83	1144572	217.72	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.141	97	961834	228.97	UG/L	97
42) CYCLOHEXANE	4.188	56	926742	186.33	UG/L	95
43) CARBON TETRACHLORIDE	4.302	117	836570	237.64	UG/L	98
44) 1,1-DICHLOROPROPENE	4.308	75	844424	216.84	UG/L	96
45) BENZENE	4.514	78	2471550	203.27	UG/L	99
47) T-AMYLMETHYL ETHER	4.648	73	2073978	228.32	UG/L	95
50) 1,2-DICHLOROETHANE	4.539	62	952554	228.18	UG/L	98
51) TRICHLOROETHENE	5.156	95	630974	233.91	UG/L	94
52) METHYLCYCLOHEXANE	5.337	83	761415	206.31	UG/L	94
53) 1,2-DICHLOROPROPANE	5.379	63	704447	218.02	UG/L	99
54) DIBROMOMETHANE	5.490	93	464522	231.66	UG/L	94

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

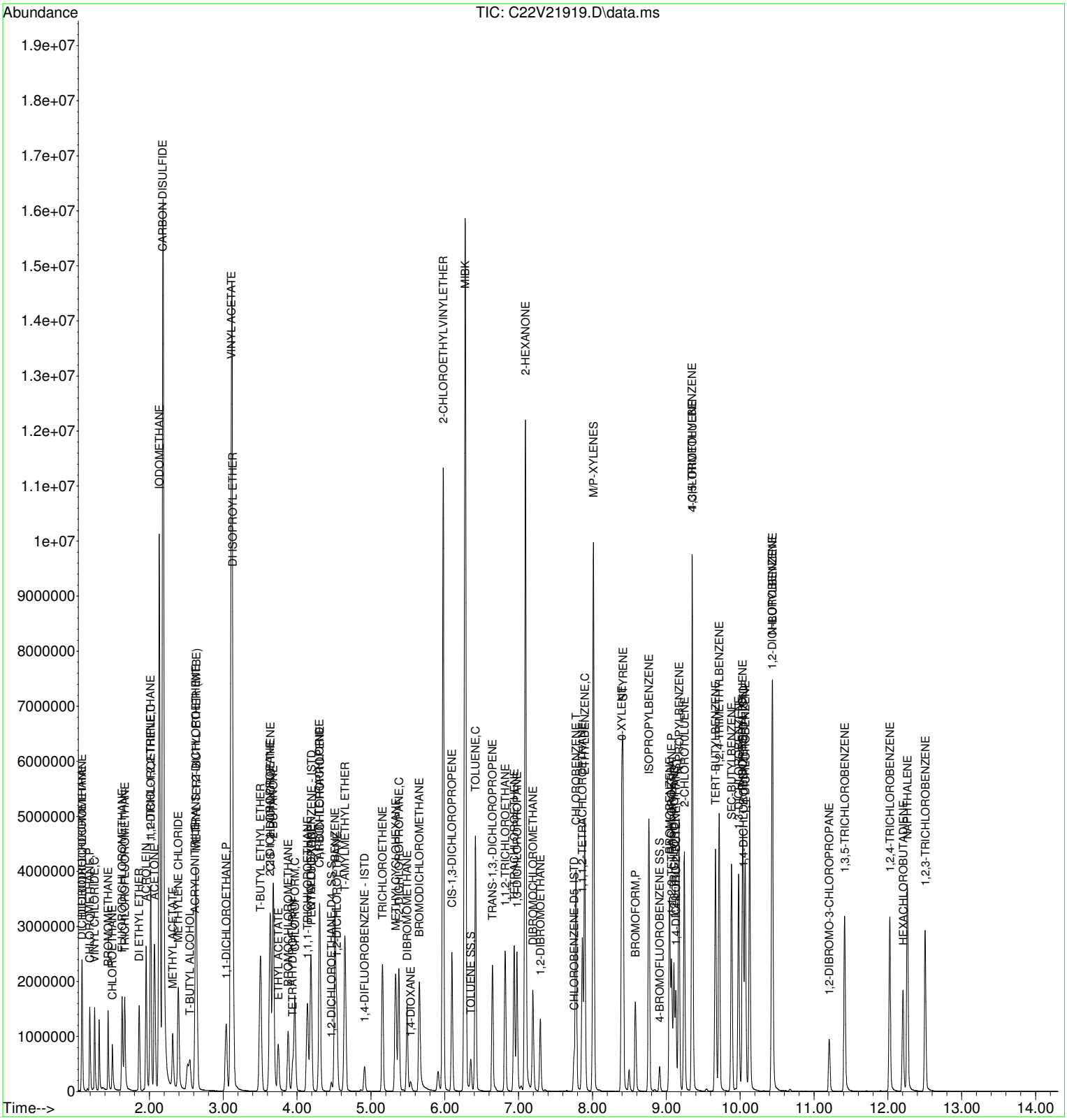
Quant Time: Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	5.538	88	110598	2335.29	UG/L	#	72
57) BROMODICHLOROMETHANE	5.655	83	927628	240.13	UG/L		97
58) 2-CHLOROETHYLVINYLETHER	5.978	63	4058349	2571.56	UG/L		88
59) MIBK	6.277	43	9824542	2065.18	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	6.098	75	1123452	227.98	UG/L		96
61) TOLUENE	6.416	91	2670796	225.45	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	6.645	75	1010507	226.84	UG/L		94
64) 1,1,2-TRICHLOROETHANE	6.818	97	657021	235.60	UG/L		95
65) 2-HEXANONE	7.094	43	7060536	2066.42	UG/L		96
66) TETRACHLOROETHENE	6.940	166	662506	241.58	UG/L		97
67) 1,3-DICHLOROPROPANE	6.977	76	1169202	224.92	UG/L		99
68) DIBROMOCHLOROMETHANE	7.194	129	805536	251.10	UG/L		98
69) 1,2-DIBROMOETHANE	7.292	107	736716	236.67	UG/L		100
72) CHLOROBENZENE	7.777	112	1806976	235.72	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	695384	254.05	UG/L		99
74) ETHYLBENZENE	7.894	91	2977511	225.61	UG/L		97
75) M/P-XYLENES	8.014	91	4738494	473.83	UG/L		98
76) 0-XYLENE	8.396	91	2479180	240.62	UG/L		97
77) STYRENE	8.413	104	2101638	252.83	UG/L		95
78) BROMOFORM	8.580	173	662908	274.73	UG/L		99
79) ISOPROPYLBENZENE	8.764	105	2826310	236.44	UG/L		98
81) 1,1,2,2-TETRACHLOROETHANE	9.071	83	1088592	239.18	UG/L		96
82) 1,4-DICHLORO-2-BUTENE(...	9.130	53	292925	254.78	UG/L	#	78
83) BROMOBENZENE	9.043	77	1237286	225.80	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	9.104	75	858506	225.77	UG/L		96
85) N-PROPYLBENZENE	9.171	91	3266018	232.41	UG/L		98
86) 2-CHLOROT0LUENE	9.244	91	2051844	230.07	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	2398581	240.61	UG/L		98
88) 4-CHLOROTOLUENE	9.353	91	2486811	244.98	UG/L		98
90) TERT-BUTYLBENZENE	9.668	119	1902967	209.73	UG/L		96
91) 1,2,4-TRIMETHYLBENZENE	9.715	105	2378044	207.47	UG/L		99
92) SEC-BUTYLBENZENE	9.885	105	2583625	201.82	UG/L		98
93) 1,3-DICHLOROBENZENE	9.977	146	1483341	223.32	UG/L		100
94) P-ISOPROPYLTOLUENE	10.033	119	2258909	204.89	UG/L		99
95) 1,4-DICHLOROBENZENE	10.069	146	1554151	220.70	UG/L		99
97) N-BUTYLBENZENE	10.437	91	2032947	204.96	UG/L		96
98) 1,2-DICHLOROBENZENE	10.432	146	1523825	227.42	UG/L		99
99) 1,2-DIBROMO-3-CHLOROPR...	11.204	75	207303	224.84	UG/L		91
100) 1,3,5-TRICHLOROBENZENE	11.416	180	971990	212.44	UG/L		99
101) 1,2,4-TRICHLOROBENZENE	12.027	180	920627	213.62	UG/L		100
102) HEXACHLOROBUTADIENE	12.205	225	368467	224.51	UG/L		97
103) NAPHTHALENE	12.264	128	2736602	212.43	UG/L		99
104) 1,2,3-TRICHLOROBENZENE	12.507	180	873759	204.12	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

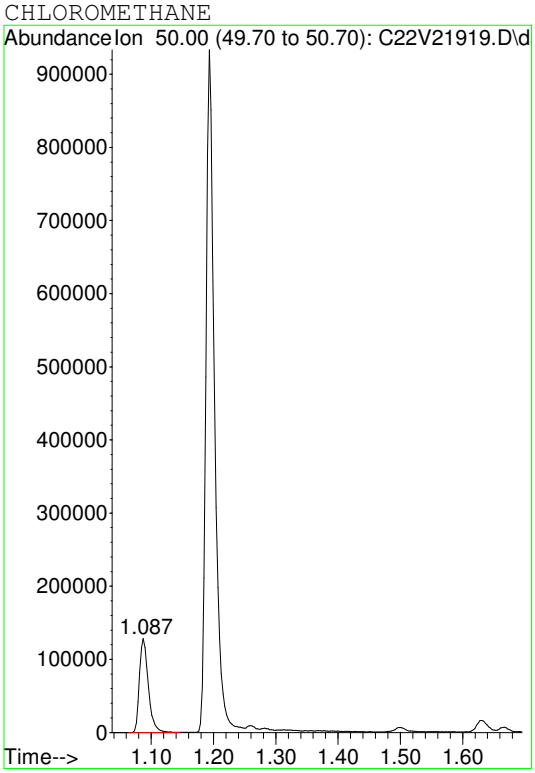
Quant Time: Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
CHLOROMETHANE



Original Int. Results

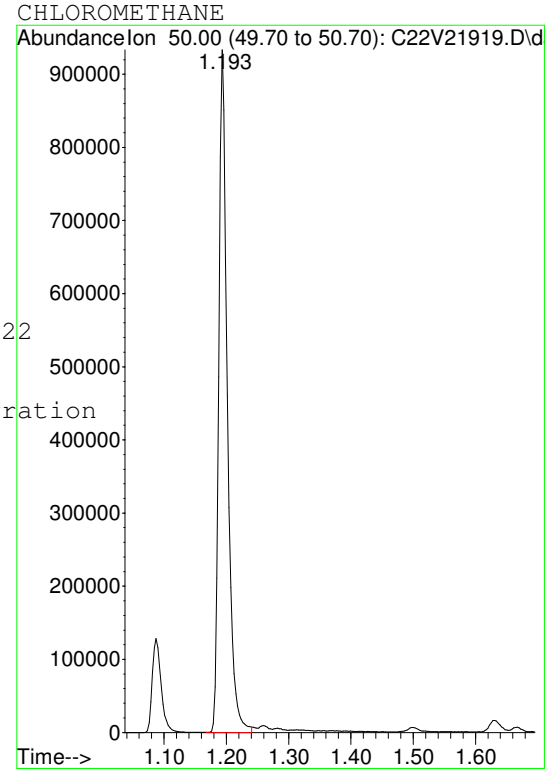
RT : 1.09
Area : 127378
Amount: 27.709

Manual Int. Results

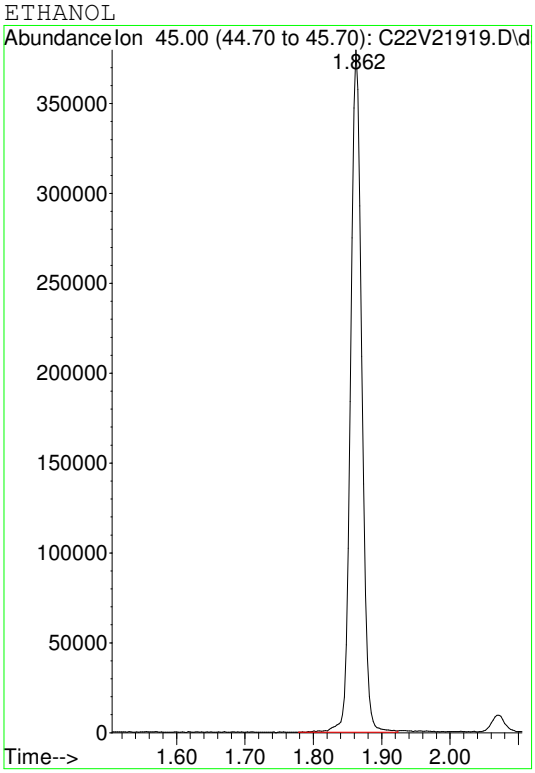
Tue Aug 09 06:25:08 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.19
Area : 896006
Amount: 194.912

Manual Integration
CHLOROMETHANE



Original Integration
ETHANOL



Original Int. Results

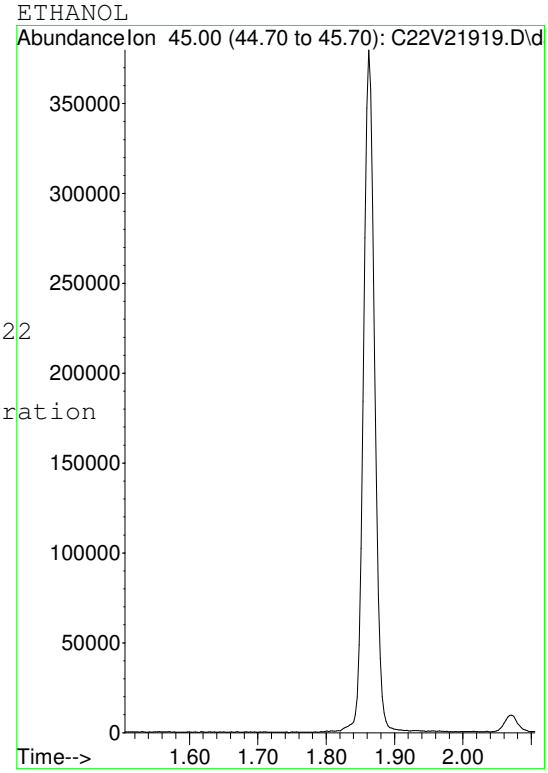
RT : 1.86
Area : 430350
Amount: 5974.53

Manual Int. Results

Tue Aug 09 06:25:18 2022

MIuser: EEH
Reason: Incorret Integration
RT : 0.00
Area : 0
Amount: 0

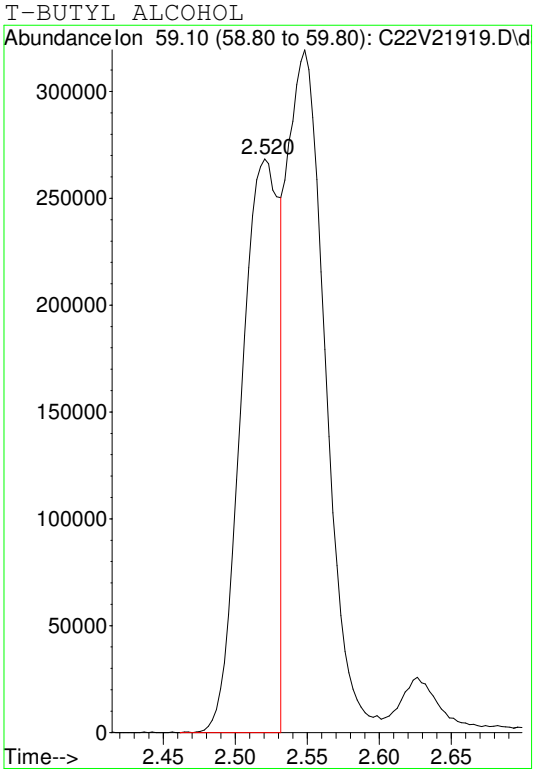
Manual Integration
ETHANOL



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
T-BUTYL ALCOHOL



Original Int. Results

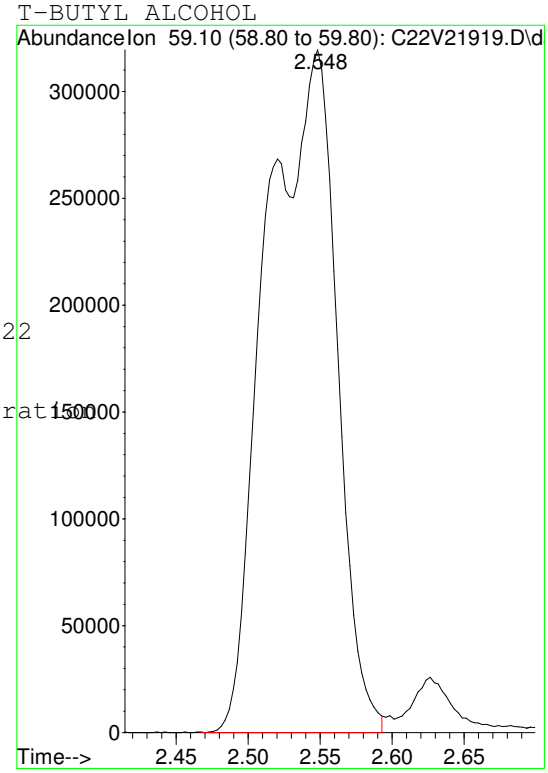
RT : 2.52
Area : 491853
Amount: 964.489

Manual Int. Results

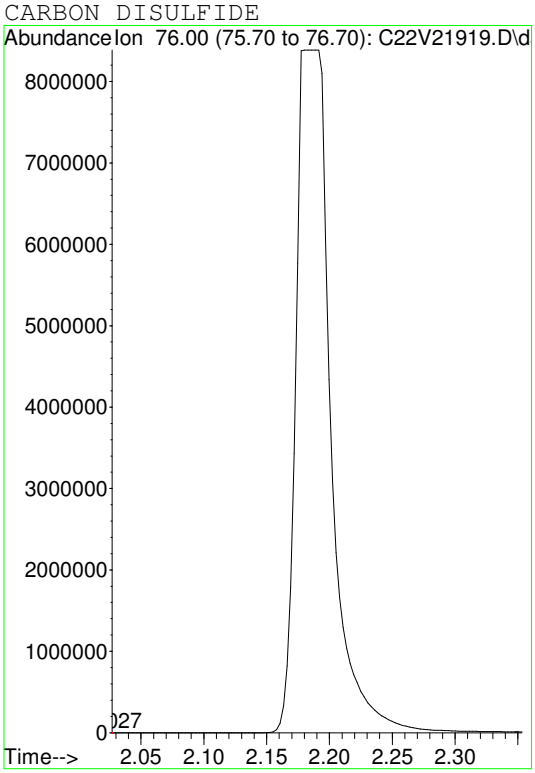
Tue Aug 09 06:25:30 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.55
Area : 1.07973e+006
Amount: 2117.28

Manual Integration
T-BUTYL ALCOHOL



Original Integration
CARBON DISULFIDE



Original Int. Results

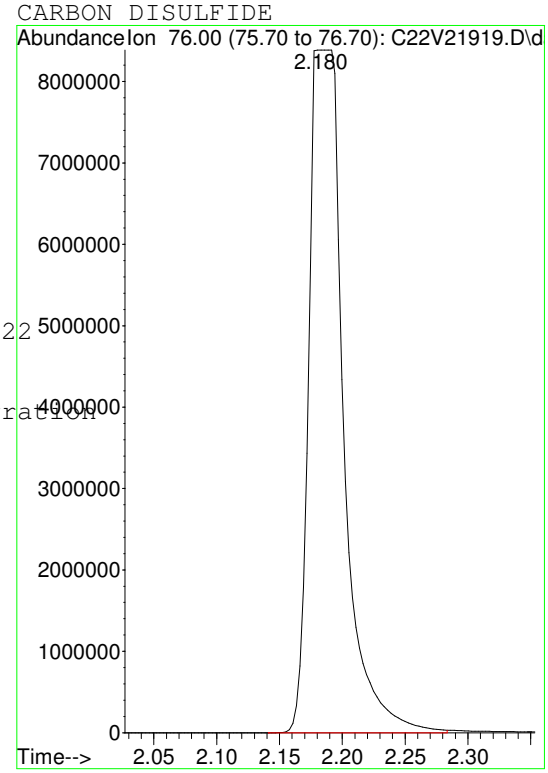
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 09 06:25:35 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.18
Area : 1.60956e+007
Amount: 2040.22

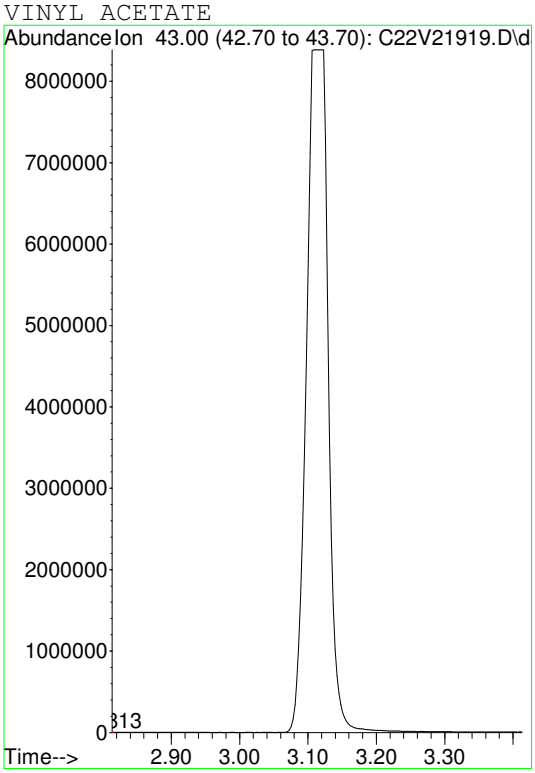
Manual Integration
CARBON DISULFIDE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21919.D
Acq On : 8 Aug 2022 2:23 pm
Operator :
Sample : 8260STD 200PPB 2206105
Misc :

Quant Time : Tue Aug 09 06:41:16 2022
Quant Method : C:\msdchem\1\methods\C051619.M
QLast Update : Mon Aug 08 11:15:01 2022

Original Integration
VINYL ACETATE



Original Int. Results

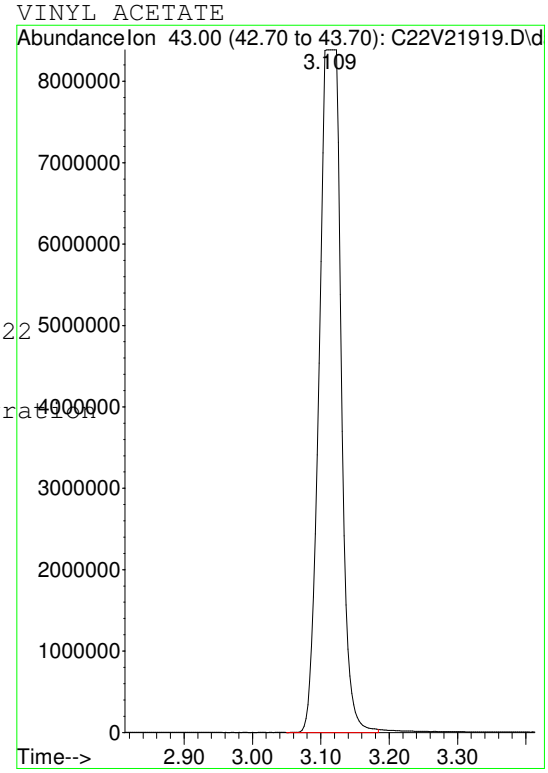
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

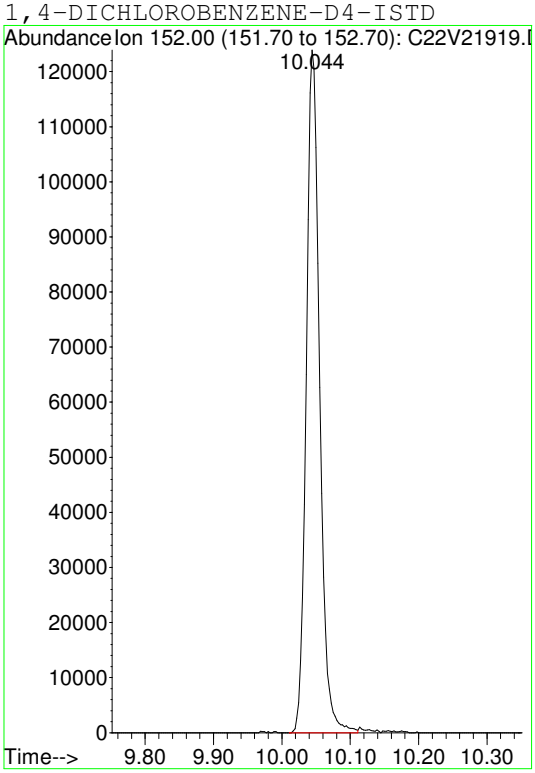
Tue Aug 09 06:25:41 2022

MIuser: EEH
Reason: Incorret Integration
RT : 3.11
Area : 1.84075e+007
Amount: 1690.09

Manual Integration
VINYL ACETATE



Original Integration
1,4-DICHLOROBENZENE-D4-ISTD



Original Int. Results

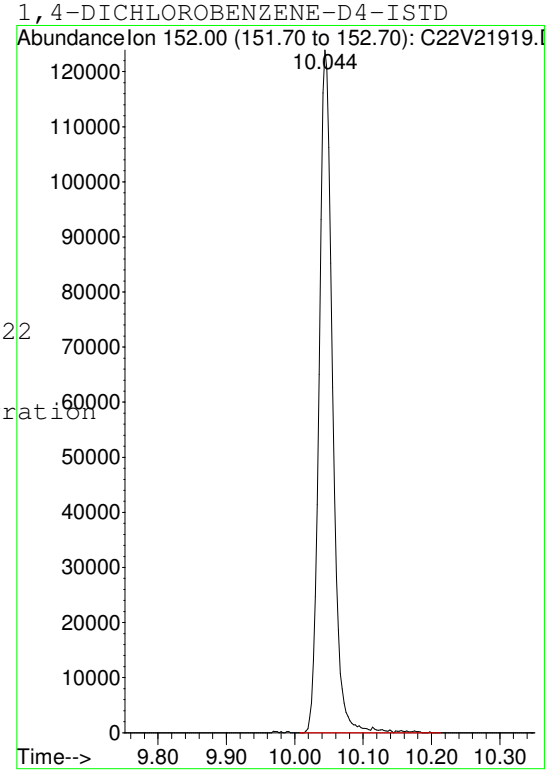
RT : 10.04
Area : 166653
Amount: 30

Manual Int. Results

Tue Aug 09 06:41:16 2022

MIuser: EEH
Reason: Incorret Integration
RT : 10.04
Area : 168149
Amount: 30

Manual Integration
1,4-DICHLOROBENZENE-D4-ISTD



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21920.D
Acq On : 8 Aug 2022 2:47 pm
Operator :
Sample : ETOH500PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 09 06:27:05 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.191	168	199302	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	294765	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	142873	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	138986	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	92689	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	6.352	98	290149	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	106302	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	1958	0.60	UG/L		96
4) DIFLUOROCHLOROMETHANE	1.095	51	506	0.13	UG/L	#	100
5) CHLOROMETHANE	1.199	50	3753	0.87	UG/L	#	28
6) VINYL CHLORIDE	1.266	62	1356	0.39	UG/L	#	39
7) BROMOMETHANE	1.452	94	1261	0.67	UG/L		87
8) CHLOROETHANE	1.516	64	714	0.37	UG/L	#	41
9) FLUORODICHLOROMETHANE	1.639	67	678	0.13	UG/L	#	43
10) TRICHLOROFLUOROMETHANE	1.678	101	2069	0.54	UG/L		97
11) ETHANOL	1.795	45	32962	485.26	UG/L	#	83
13) ACROLEIN	1.957	56	3773	4.60	UG/L		94
14) ACETONE	2.069	43	6097	4.88	UG/L		95
15) 1,1-DICHLOROETHENE	2.024	61	1963	0.51	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	2074	0.98	UG/L		84
17) IODOMETHANE	2.147	142	7527	2.38	UG/L		96
20) METHYL ACETATE	2.322	43	1946	0.50	UG/L	#	64
21) T-BUTYL ALCOHOL	2.509	59	543	1.13	UG/L	#	53
23) METHYLENE CHLORIDE	2.400	49	975	0.24	UG/L	#	68
24) CARBON DISULFIDE	2.191	76	185929	24.99	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.626	61	3347	0.84	UG/L		93
27) 1,1-DICHLOROETHANE	3.039	63	561	0.10	UG/L	#	51
28) VINYL ACETATE	3.120	43	9076	0.88	UG/L		100
31) 2-BUTANONE	3.692	43	7329	3.27	UG/L	#	94
33) CIS-1,2-DICHLOROETHENE	3.647	61	1494	0.32	UG/L	#	71
35) ETHYL ACETATE	3.756	43	2474	0.55	UG/L	#	71
40) CHLOROFORM	3.973	83	872	0.18	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.141	97	629	0.16	UG/L	#	1
42) CYCLOHEXANE	4.191	56	6247	1.33	UG/L	#	56
43) CARBON TETRACHLORIDE	4.305	117	791	0.24	UG/L	#	67
44) 1,1-DICHLOROPROPENE	4.311	75	2432	0.66	UG/L		94
45) BENZENE	4.525	78	2745	0.24	UG/L	#	1
50) 1,2-DICHLOROETHANE	4.551	62	638	0.16	UG/L	#	74
51) TRICHLOROETHENE	5.161	95	1815	0.70	UG/L	#	63
52) METHYLCYCLOHEXANE	5.334	83	3272	0.92	UG/L		95
54) DIBROMOMETHANE	5.499	93	626	0.32	UG/L	#	1
57) BROMODICHLOROMETHANE	5.658	83	621	0.17	UG/L	#	24
58) 2-CHLOROETHYLVINYLETHER	5.995	63	1110	0.73	UG/L	#	60
59) MIBK	6.274	43	14203	3.10	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	6.115	75	1105	0.23	UG/L	#	51
61) TOLUENE	6.419	91	4377	0.38	UG/L		96
62) TRANS-1,3,-DICHLOROPRO...	6.659	75	1107	0.26	UG/L	#	48
65) 2-HEXANONE	7.099	43	16266	4.95	UG/L		87
66) TETRACHLOROETHENE	6.946	166	2966	1.12	UG/L	#	81
67) 1,3-DICHLOROPROPANE	6.988	76	917	0.18	UG/L	#	43

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21920.D
Acq On : 8 Aug 2022 2:47 pm
Operator :
Sample : ETOH500PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

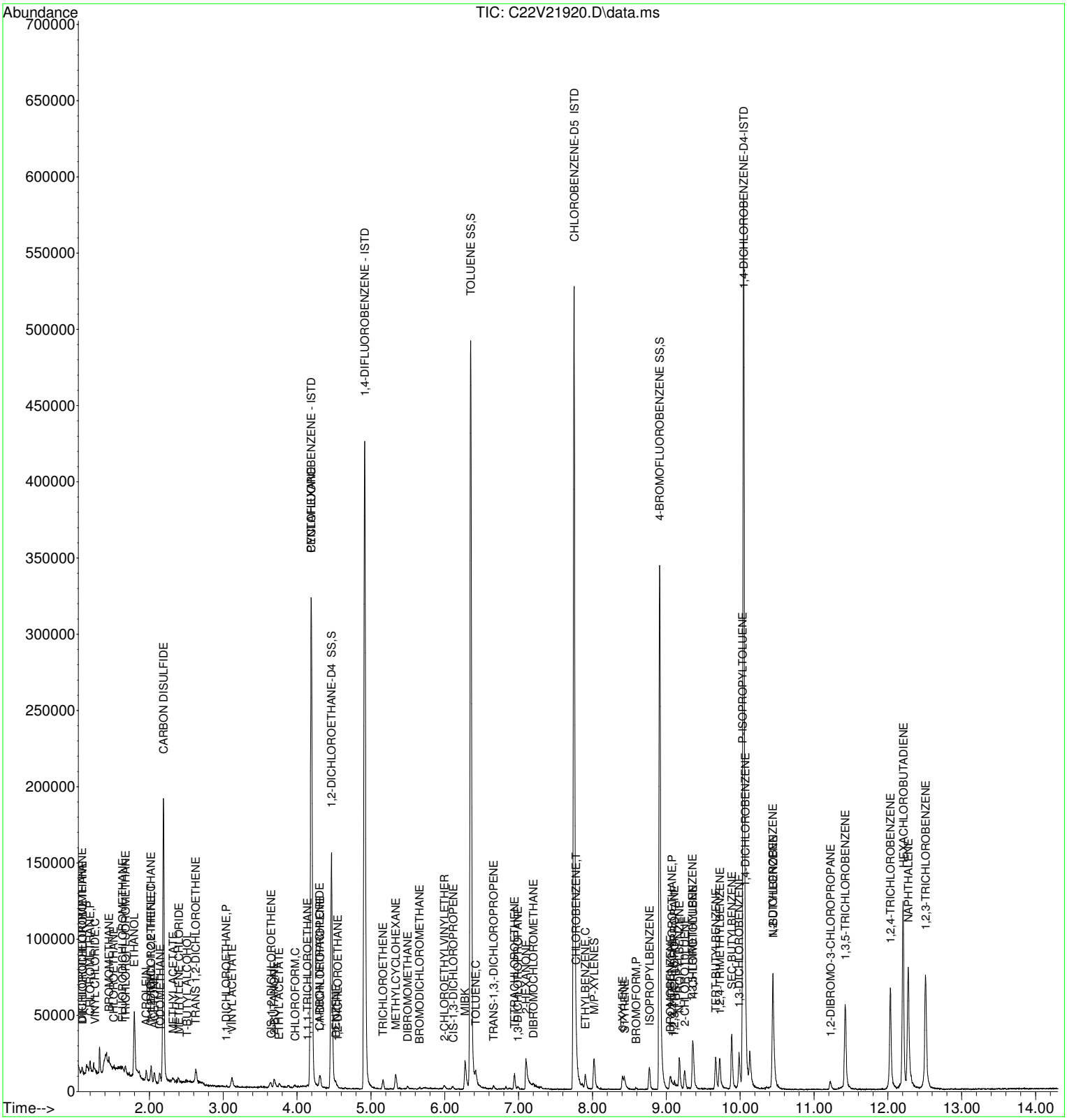
Quant Time: Aug 09 06:27:05 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) DIBROMOCHLOROMETHANE	7.200	129	722	0.23	UG/L		96
72) CHLOROBENZENE	7.777	112	4175	0.59	UG/L	#	89
74) ETHYLBENZENE	7.902	91	7172	0.59	UG/L		96
75) M/P-XYLENES	8.022	91	12711	1.38	UG/L		89
76) 0-XYLENE	8.407	91	4974	0.53	UG/L		91
77) STYRENE	8.435	104	4121	0.54	UG/L		92
78) BROMOFORM	8.591	173	668	0.30	UG/L	#	36
79) ISOPROPYLBENZENE	8.773	105	9405	0.86	UG/L		96
81) 1,1,2,2-TETRACHLOROETHANE	9.076	83	2512	0.60	UG/L	#	95
83) BROMOBENZENE	9.054	77	3853	0.77	UG/L		88
84) 1,2,3-TRICHLOROPROPANE	9.107	75	1057	0.30	UG/L	#	38
85) N-PROPYLBENZENE	9.177	91	16276	1.26	UG/L		96
86) 2-CHLOROT0LUENE	9.249	91	6155	0.75	UG/L		88
87) 1,3,5-TRIMETHYLBENZENE	9.355	105	10797	1.18	UG/L	#	57
88) 4-CHLOROTOLUENE	9.361	91	10724	1.15	UG/L		99
90) TERT-BUTYLBENZENE	9.670	119	10477	1.40	UG/L		92
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	11450	1.21	UG/L		100
92) SEC-BUTYLBENZENE	9.888	105	23009	2.17	UG/L		100
93) 1,3-DICHLOROBENZENE	9.986	146	10627	1.94	UG/L		97
94) P-ISOPROPYLTOLUENE	10.033	119	22412	2.46	UG/L		96
95) 1,4-DICHLOROBENZENE	10.069	146	10570	1.82	UG/L	#	71
97) N-BUTYLBENZENE	10.448	91	34118	4.16	UG/L		99
98) 1,2-DICHLOROBENZENE	10.440	146	9828	1.77	UG/L		92
99) 1,2-DIBROMO-3-CHLOROPR...	11.221	75	1723	2.26	UG/L		89
100) 1,3,5-TRICHLOROBENZENE	11.422	180	19830	5.24	UG/L		98
101) 1,2,4-TRICHLOROBENZENE	12.035	180	23644	6.64	UG/L		99
102) HEXACHLOROBUTADIENE	12.208	225	25802	19.02	UG/L		96
103) NAPHTHALENE	12.275	128	77522	7.28	UG/L		99
104) 1,2,3-TRICHLOROBENZENE	12.509	180	30866	8.72	UG/L		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21920.D
Acq On : 8 Aug 2022 2:47 pm
Operator :
Sample : ETOH500PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 09 06:27:05 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21921.D
Acq On : 8 Aug 2022 3:11 pm
Operator :
Sample : ETOH1000PPB Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 09 06:27:24 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.191	168	196471	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	292968	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	142427	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	135574	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	93593	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
49) TOLUENE SS	6.352	98	287212	24.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	104742	24.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.087	85	837	0.26	UG/L	#	43
5) CHLOROMETHANE	1.199	50	2662	0.62	UG/L	#	32
6) VINYL CHLORIDE	1.263	62	509	0.15	UG/L	#	1
7) BROMOMETHANE	1.450	94	1472	0.79	UG/L	#	71
10) TRICHLOROFLUOROMETHANE	1.673	101	775	0.20	UG/L	#	79
11) ETHANOL	1.801	45	65128	972.62	UG/L	#	88
13) ACROLEIN	1.960	56	1154	1.43	UG/L	#	70
14) ACETONE	2.066	43	3193	2.59	UG/L		99
15) 1,1-DICHLOROETHENE	2.024	61	749	0.20	UG/L	#	28
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	968	0.46	UG/L	#	3
17) IODOMETHANE	2.144	142	5597	1.80	UG/L		91
20) METHYL ACETATE	2.320	43	1308	0.34	UG/L	#	64
24) CARBON DISULFIDE	2.189	76	78744	10.74	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.638	61	1359	0.35	UG/L	#	52
28) VINYL ACETATE	3.123	43	2316	0.23	UG/L	#	78
31) 2-BUTANONE	3.695	43	2131	0.96	UG/L	#	61
33) CIS-1,2-DICHLOROETHENE	3.761	61	517	0.11	UG/L	#	20
35) ETHYL ACETATE	3.761	43	4059	0.91	UG/L	#	90
42) CYCLOHEXANE	4.188	56	4591	0.99	UG/L	#	28
44) 1,1-DICHLOROPROPENE	4.308	75	1018	0.28	UG/L	#	39
45) BENZENE	4.526	78	1317	0.12	UG/L	#	1
51) TRICHLOROETHENE	5.161	95	658	0.26	UG/L	#	37
52) METHYLCYCLOHEXANE	5.337	83	1173	0.33	UG/L	#	78
59) MIBK	6.285	43	4206	0.93	UG/L	#	91
61) TOLUENE	6.419	91	1644	0.15	UG/L		95
65) 2-HEXANONE	7.125	43	3306	1.01	UG/L	#	51
66) TETRACHLOROETHENE	6.949	166	1136	0.43	UG/L	#	61
72) CHLOROBENZENE	7.777	112	923	0.13	UG/L	#	1
74) ETHYLBENZENE	7.911	91	2546	0.21	UG/L	#	83
75) M/P-XYLENES	8.025	91	4476	0.49	UG/L		93
77) STYRENE	8.444	104	1378	0.18	UG/L	#	31
79) ISOPROPYLBENZENE	8.775	105	2993	0.27	UG/L	#	86
83) BROMOBENZENE	9.054	77	1070	0.21	UG/L	#	45
85) N-PROPYLBENZENE	9.185	91	5906	0.46	UG/L	#	86
86) 2-CHLOROT0LUENE	9.252	91	1232	0.15	UG/L	#	85
87) 1,3,5-TRIMETHYLBENZENE	9.361	105	3213	0.35	UG/L	#	60
88) 4-CHLOROTOLUENE	9.369	91	3904	0.42	UG/L	#	86
90) TERT-BUTYLBENZENE	9.671	119	2751	0.38	UG/L		90
91) 1,2,4-TRIMETHYLBENZENE	9.726	105	3715	0.40	UG/L		99
92) SEC-BUTYLBENZENE	9.885	105	5865	0.57	UG/L	#	73
93) 1,3-DICHLOROBENZENE	9.994	146	3476	0.65	UG/L		95
94) P-ISOPROPYLTOLUENE	10.036	119	6187	0.70	UG/L	#	80
95) 1,4-DICHLOROBENZENE	10.075	146	4181	0.74	UG/L	#	76

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21921.D
Acq On : 8 Aug 2022 3:11 pm
Operator :
Sample : ETOH1000PPB Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

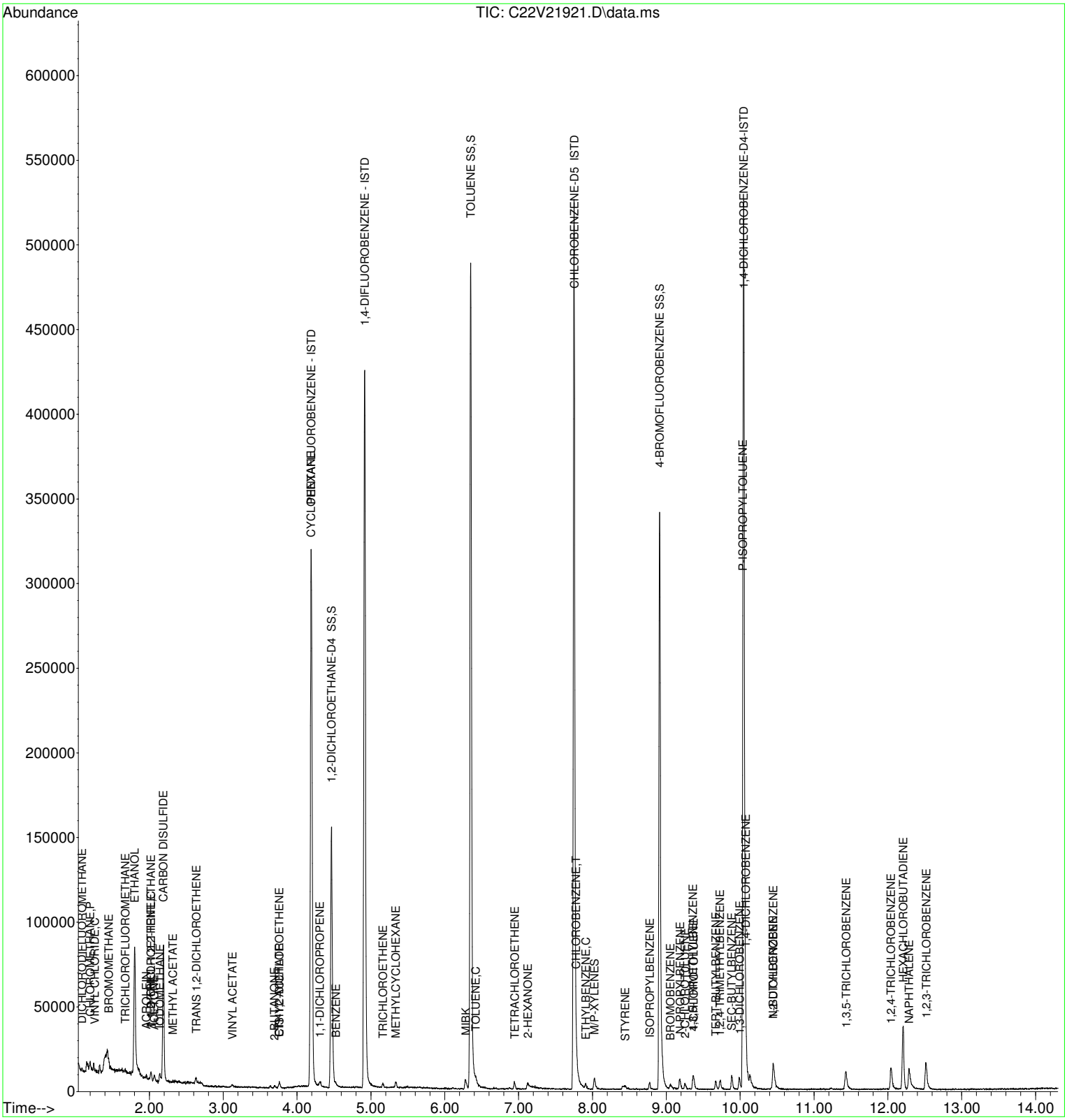
Quant Time: Aug 09 06:27:24 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	N-BUTYLBENZENE	10.446	91	8550	1.07	UG/L	#	89
98)	1,2-DICHLOROBENZENE	10.449	146	3114	0.58	UG/L	#	79
100)	1,3,5-TRICHLOROBENZENE	11.436	180	5189	1.41	UG/L		100
101)	1,2,4-TRICHLOROBENZENE	12.038	180	5666	1.63	UG/L		88
102)	HEXACHLOROBUTADIENE	12.205	225	8752	6.61	UG/L		96
103)	NAPHTHALENE	12.284	128	13674	1.32	UG/L	#	89
104)	1,2,3-TRICHLOROBENZENE	12.518	180	7072	2.05	UG/L		90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21921.D
Acq On : 8 Aug 2022 3:11 pm
Operator :
Sample : ETOH1000PPB Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 09 06:27:24 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21922.D
Acq On : 8 Aug 2022 3:35 pm
Operator :
Sample : ETOH2000PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

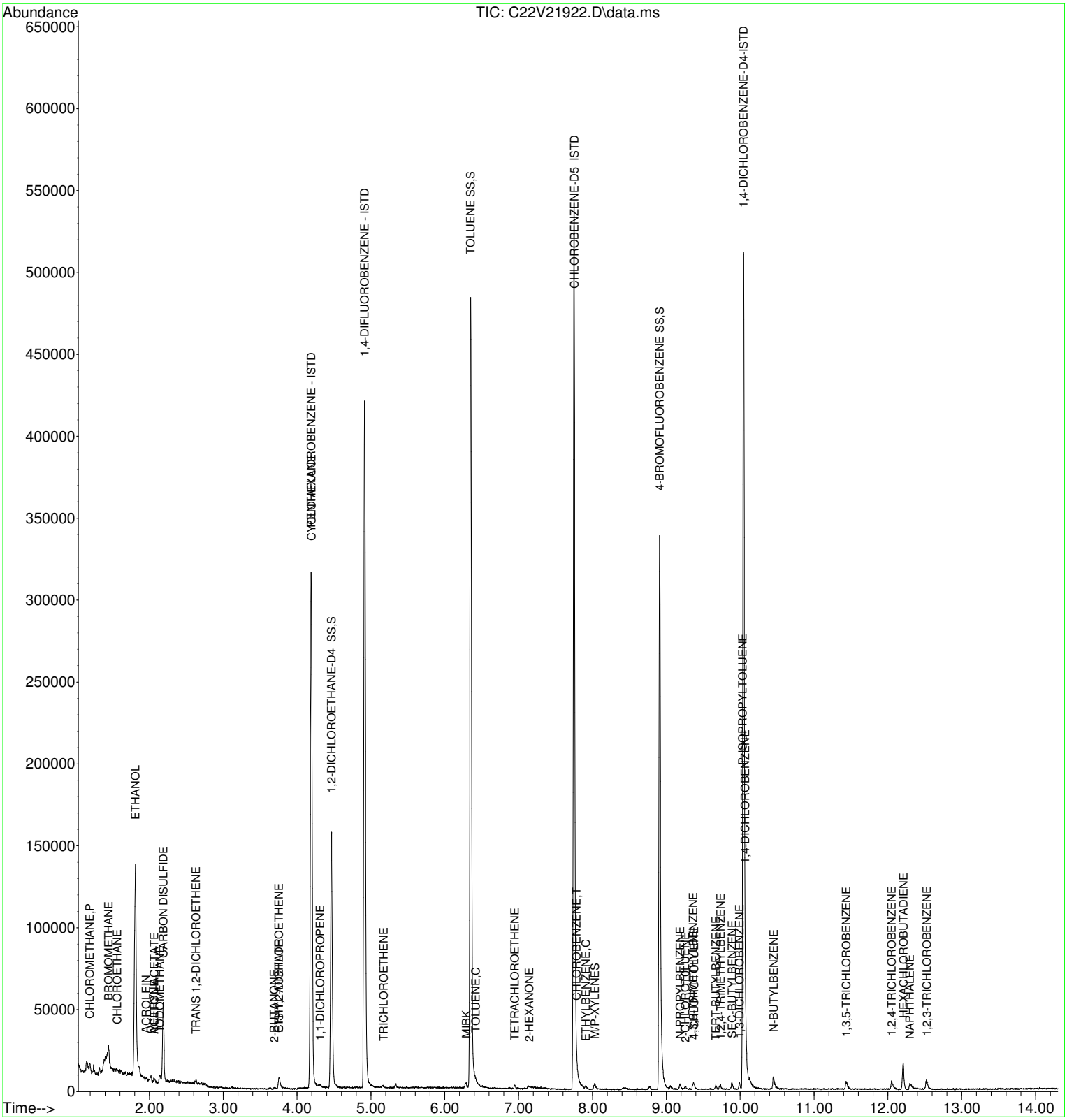
Quant Time: Aug 09 06:27:41 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.191	168	194717	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.913	114	288866	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	140108	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.044	152	133200	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.464	65	93586	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
49) TOLUENE SS	6.349	98	283603	24.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.48%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	103874	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.193	50	2851	0.67	UG/L	#	41
7) BROMOMETHANE	1.447	94	1288	0.70	UG/L		87
8) CHLOROETHANE	1.567	64	562	0.30	UG/L	#	41
11) ETHANOL	1.812	45	133196	2007.06	UG/L	#	85
13) ACROLEIN	1.954	56	527	0.66	UG/L	#	46
14) ACETONE	2.066	43	2714	2.22	UG/L		91
17) IODOMETHANE	2.141	142	5800	1.88	UG/L		97
20) METHYL ACETATE	2.066	43	2714	0.72	UG/L	#	64
24) CARBON DISULFIDE	2.188	76	47451	6.53	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.632	61	848	0.22	UG/L	#	67
31) 2-BUTANONE	3.691	43	1130	0.52	UG/L	#	61
33) CIS-1,2-DICHLOROETHENE	3.756	61	1103	0.24	UG/L	#	20
35) ETHYL ACETATE	3.753	43	7689	1.74	UG/L		97
42) CYCLOHEXANE	4.193	56	4121	0.90	UG/L	#	24
44) 1,1-DICHLOROPROPENE	4.311	75	577	0.16	UG/L	#	39
51) TRICHLOROETHENE	5.169	95	314	0.12	UG/L	#	1
59) MIBK	6.290	43	2185	0.49	UG/L	#	79
61) TOLUENE	6.419	91	1104	0.10	UG/L	#	21
65) 2-HEXANONE	7.141	43	909	0.28	UG/L	#	26
66) TETRACHLOROETHENE	6.949	166	626	0.24	UG/L	#	22
72) CHLOROBENZENE	7.782	112	908	0.13	UG/L	#	1
74) ETHYLBENZENE	7.908	91	1575	0.13	UG/L	#	42
75) M/P-XYLENES	8.031	91	2556	0.28	UG/L	#	76
85) N-PROPYLBENZENE	9.185	91	3341	0.26	UG/L		91
86) 2-CHLOROT0LUENE	9.255	91	1057	0.13	UG/L	#	39
87) 1,3,5-TRIMETHYLBENZENE	9.364	105	1676	0.19	UG/L		95
88) 4-CHLOROTOLUENE	9.375	91	2005	0.22	UG/L		92
90) TERT-BUTYLBENZENE	9.670	119	1329	0.18	UG/L	#	79
91) 1,2,4-TRIMETHYLBENZENE	9.734	105	2161	0.24	UG/L		86
92) SEC-BUTYLBENZENE	9.891	105	3475	0.34	UG/L	#	88
93) 1,3-DICHLOROBENZENE	9.991	146	1968	0.37	UG/L	#	66
94) P-ISOPROPYLTOLUENE	10.033	119	3115	0.36	UG/L	#	84
95) 1,4-DICHLOROBENZENE	10.066	146	2417	0.43	UG/L	#	77
97) N-BUTYLBENZENE	10.454	91	4043	0.51	UG/L	#	46
100) 1,3,5-TRICHLOROBENZENE	11.436	180	2605	0.72	UG/L	#	49
101) 1,2,4-TRICHLOROBENZENE	12.049	180	1601	0.47	UG/L		95
102) HEXACHLOROBUTADIENE	12.208	225	3802	2.92	UG/L	#	87
103) NAPHTHALENE	12.297	128	1765	0.17	UG/L	#	72
104) 1,2,3-TRICHLOROBENZENE	12.526	180	2865	0.84	UG/L	#	68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21922.D
Acq On : 8 Aug 2022 3:35 pm
Operator :
Sample : ETOH2000PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 09 06:27:41 2022
Quant Method : C:\msdchem\1\methods\C051619.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Aug 08 11:15:01 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 09 06:47:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.193	168	189774	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.916	114	281536	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.752	82	138214	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.047	152	136546	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.467	65	88891	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
49) TOLUENE SS	6.352	98	277727	24.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.64%				
71) 4-BROMOFLUOROBENZENE SS	8.909	95	102198	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.090	85	24441	8.90	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.093	51	29578	8.17	UG/L	#	100
5) CHLOROMETHANE	1.198	50	36170m	8.06	UG/L		
6) VINYL CHLORIDE	1.263	62	29514	8.94	UG/L		94
7) BROMOMETHANE	1.452	94	15899m	8.16	UG/L		
8) CHLOROETHANE	1.519	64	20717	9.09	UG/L		99
9) FLUORODICHLOROMETHANE	1.639	67	56239	10.58	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.675	101	42573	10.53	UG/L		94
11) ETHANOL	1.801	45	6264	95.52	UG/L	#	82
12) DI ETHYL ETHER	1.865	59	28172m	11.99	UG/L		
13) ACROLEIN	1.957	56	89006	153.83	UG/L		100
14) ACETONE	2.069	43	116334	100.99	UG/L		94
15) 1,1-DICHLOROETHENE	2.027	61	41586	10.11	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.021	101	26578	11.13	UG/L		89
17) IODOMETHANE	2.141	142	31157	9.09	UG/L		97
20) METHYL ACETATE	2.317	43	49693	11.08	UG/L		96
21) T-BUTYL ALCOHOL	2.509	59	44372	97.65	UG/L	#	99
22) ACRYLONITRILE	2.618	53	16286	11.39	UG/L		96
23) METHYLENE CHLORIDE	2.395	49	42231	10.39	UG/L		96
24) CARBON DISULFIDE	2.191	76	95591m	11.97	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.640	73	98067	10.97	UG/L		96
26) TRANS 1,2-DICHLOROETHENE	2.632	61	41248	10.55	UG/L		95
27) 1,1-DICHLOROETHANE	3.045	63	54352	10.90	UG/L		99
28) VINYL ACETATE	3.111	43	822655	99.08	UG/L		98
29) DI ISOPROYL ETHER	3.128	45	113424	11.50	UG/L		97
31) 2-BUTANONE	3.675	43	179263	107.58	UG/L		97
32) T-BUTYL ETHYL ETHER	3.502	59	97575	11.15	UG/L		100
33) CIS-1,2-DICHLOROETHENE	3.641	61	47371	10.91	UG/L		94
34) 2,2-DICHLOROPROPANE	3.636	77	40028	10.39	UG/L		93
35) ETHYL ACETATE	3.750	43	37243	9.05	UG/L		98
38) BROMOCHLOROMETHANE	3.881	49	28286	11.79	UG/L		99
39) TETRAHYDROFURAN	3.945	42	11088	9.34	UG/L	#	80
40) CHLOROFORM	3.970	83	51878	10.80	UG/L		96
41) 1,1,1-TRICHLOROETHANE	4.143	97	43242	10.81	UG/L		96
42) CYCLOHEXANE	4.191	56	47912	10.70	UG/L		93
43) CARBON TETRACHLORIDE	4.308	117	35593	10.65	UG/L		97
44) 1,1-DICHLOROPROPENE	4.311	75	36982	10.68	UG/L		95
45) BENZENE	4.517	78	117993	11.19	UG/L		97
47) T-AMYLMETHYL ETHER	4.651	73	90203	10.86	UG/L		96
50) 1,2-DICHLOROETHANE	4.542	62	43574	10.86	UG/L		98
51) TRICHLOROETHENE	5.158	95	28612	11.01	UG/L		92
52) METHYLCYCLOHEXANE	5.337	83	36996	11.92	UG/L		94
53) 1,2-DICHLOROPROPANE	5.381	63	32215	11.21	UG/L	#	99

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

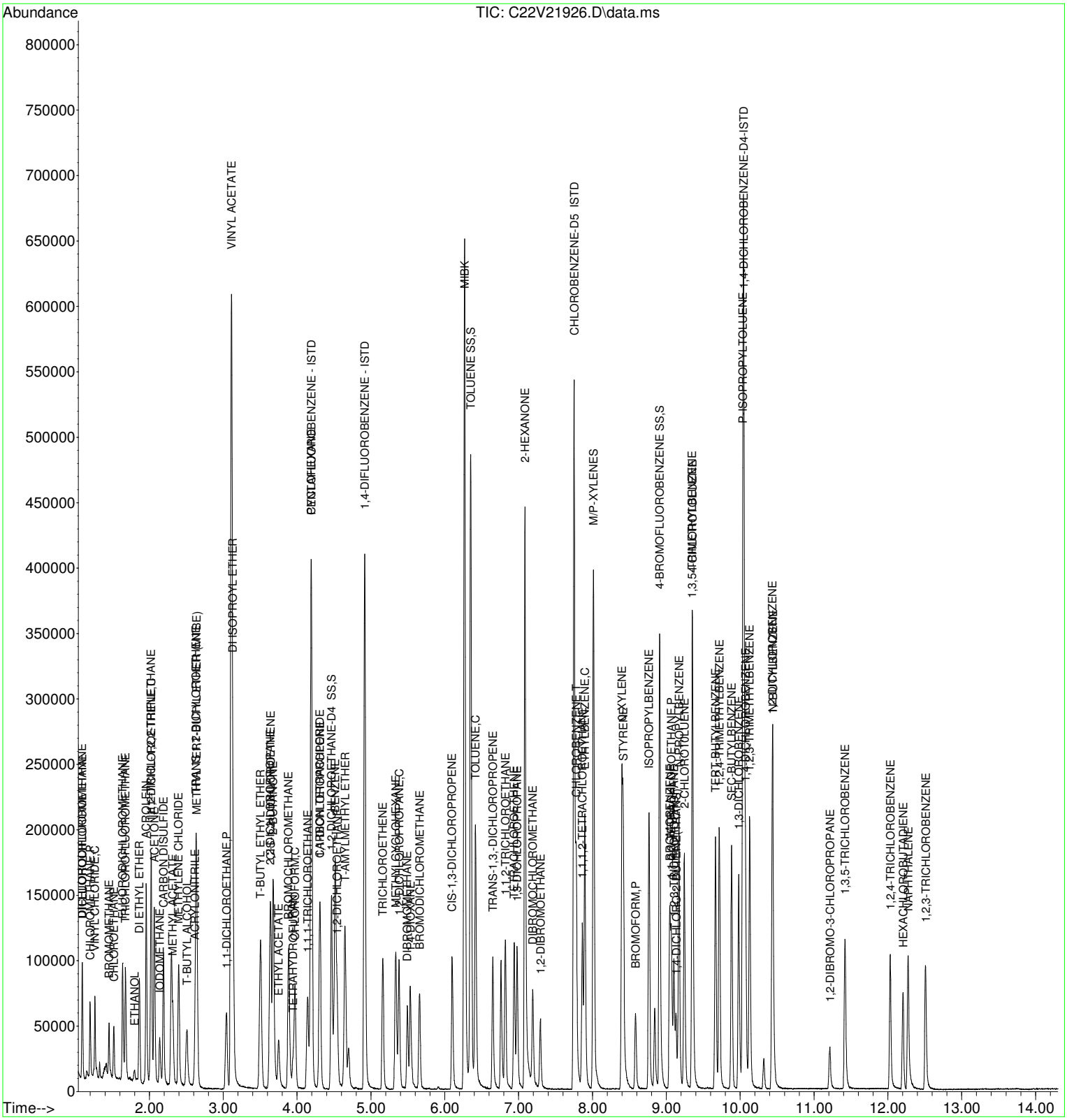
Quant Time: Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 09 06:47:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	5.493	93	20111	10.73 UG/L	95
56) 1,4-DIOXANE	5.538	88	4002	90.13 UG/L #	63
57) BROMODICHLOROMETHANE	5.660	83	41309	11.17 UG/L	97
59) MIBK	6.268	43	389646	100.97 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	6.098	75	49439	11.13 UG/L	95
61) TOLUENE	6.416	91	124756	11.12 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.650	75	45740	11.94 UG/L	93
64) 1,1,2-TRICHLOROETHANE	6.820	97	29172	11.11 UG/L	94
65) 2-HEXANONE	7.085	43	277547	104.01 UG/L	99
66) TETRACHLOROETHENE	6.937	166	30129	11.43 UG/L	98
67) 1,3-DICHLOROPROPANE	6.979	76	51563	11.04 UG/L	99
68) DIBROMOCHLOROMETHANE	7.191	129	32115	10.17 UG/L	99
69) 1,2-DIBROMOETHANE	7.297	107	32069	11.42 UG/L	100
72) CHLOROBENZENE	7.780	112	81462	11.22 UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.863	131	29516	10.96 UG/L	97
74) ETHYLBENZENE	7.897	91	137483	11.71 UG/L	96
75) M/P-XYLENES	8.014	91	208536	22.74 UG/L	97
76) 0-XYLENE	8.399	91	109906	11.39 UG/L	99
77) STYRENE	8.415	104	88231	11.38 UG/L	95
78) BROMOFORM	8.583	173	24384	10.11 UG/L #	96
79) ISOPROPYLBENZENE	8.764	105	124696	11.30 UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.068	83	46483	10.99 UG/L	93
82) 1,4-DICHLORO-2-BUTENE(...	9.135	53	9616	8.71 UG/L #	80
83) BROMOBENZENE	9.048	77	54575	11.34 UG/L	93
84) 1,2,3-TRICHLOROPROPANE	9.104	75	34367	9.91 UG/L	100
85) N-PROPYLBENZENE	9.171	91	141646	11.48 UG/L	98
86) 2-CHLOROT0LUENE	9.244	91	91912	11.42 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	9.350	105	103276	11.42 UG/L	97
88) 4-CHLOROTOLUENE	9.355	91	101269	11.07 UG/L	98
90) TERT-BUTYLBENZENE	9.665	119	83076	11.36 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	9.718	105	101956	11.34 UG/L	99
92) SEC-BUTYLBENZENE	9.885	105	116837m	11.98 UG/L	
93) 1,3-DICHLOROBENZENE	9.980	146	62605	11.53 UG/L	98
94) P-ISOPROPYLTOLUENE	10.036	119	99302	11.84 UG/L	98
95) 1,4-DICHLOROBENZENE	10.072	146	62600	10.82 UG/L	96
96) 1,2,3-TRIMETHYLBENZENE	10.128	105	109442	10.98 UG/L #	100
97) N-BUTYLBENZENE	10.443	91	78874	11.18 UG/L	95
98) 1,2-DICHLOROBENZENE	10.434	146	62162	11.25 UG/L	99
99) 1,2-DIBROMO-3-CHLOROPR...	11.215	75	8035	10.70 UG/L	89
100) 1,3,5-TRICHLOROBENZENE	11.419	180	38892	11.53 UG/L	100
101) 1,2,4-TRICHLOROBENZENE	12.032	180	32526	10.52 UG/L	97
102) HEXACHLOROBUTADIENE	12.205	225	14795	11.39 UG/L	95
103) NAPHTHALENE	12.275	128	87171	9.41 UG/L	100
104) 1,2,3-TRICHLOROBENZENE	12.512	180	31367	10.38 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

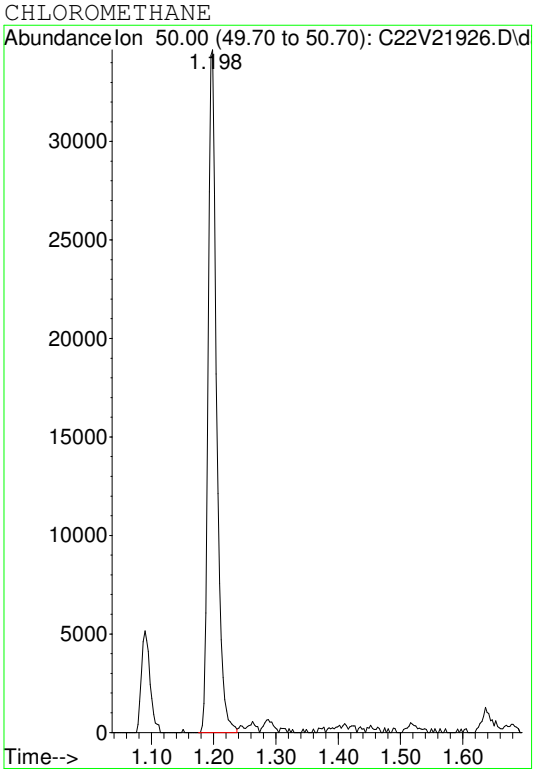
Quant Time: Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 09 06:47:59 2022
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
CHLOROMETHANE



Original Int. Results

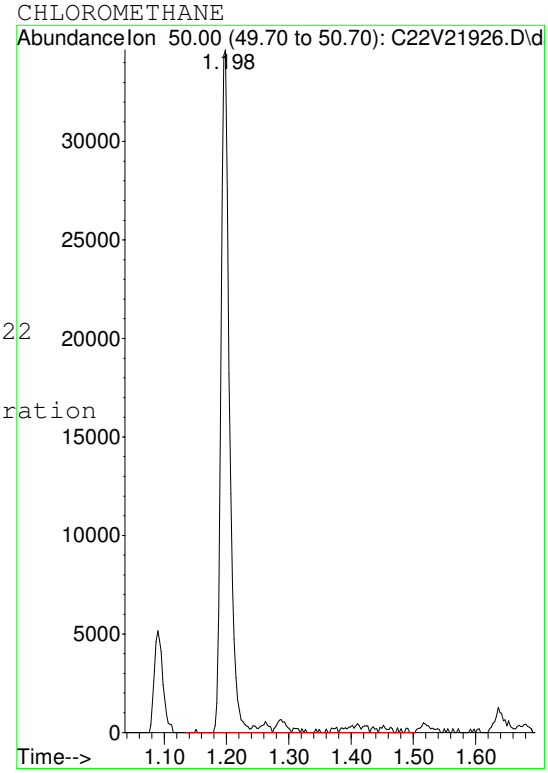
RT : 1.20
Area : 33011
Amount: 7.35473

Manual Int. Results

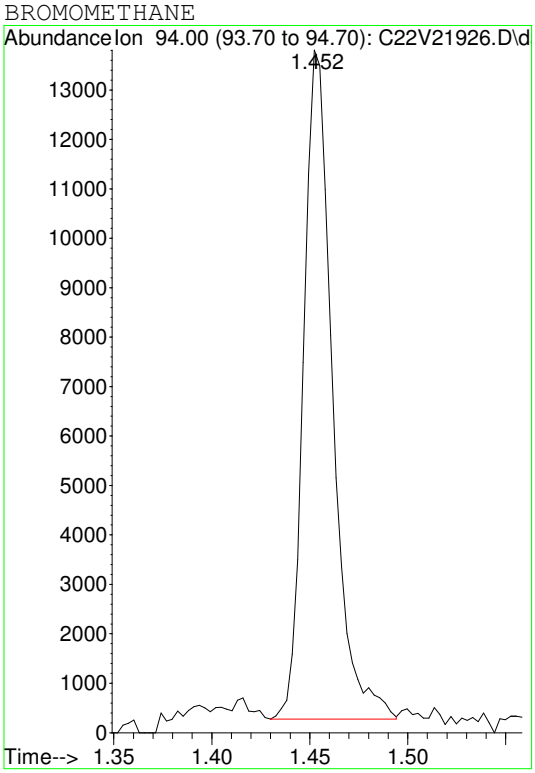
Tue Aug 09 06:49:07 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.20
Area : 36170
Amount: 8.05854

Manual Integration
CHLOROMETHANE



Original Integration
BROMOMETHANE



Original Int. Results

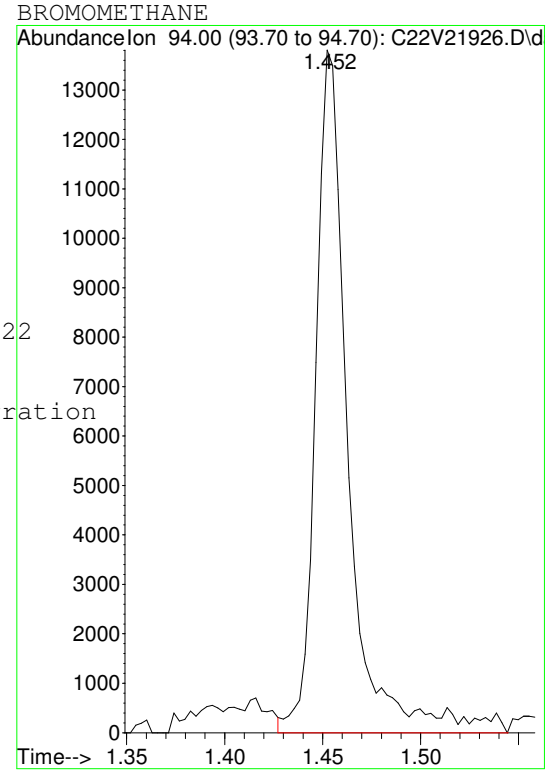
RT : 1.45
Area : 13859
Amount: 7.11414

Manual Int. Results

Tue Aug 09 06:49:20 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.45
Area : 15899
Amount: 8.16132

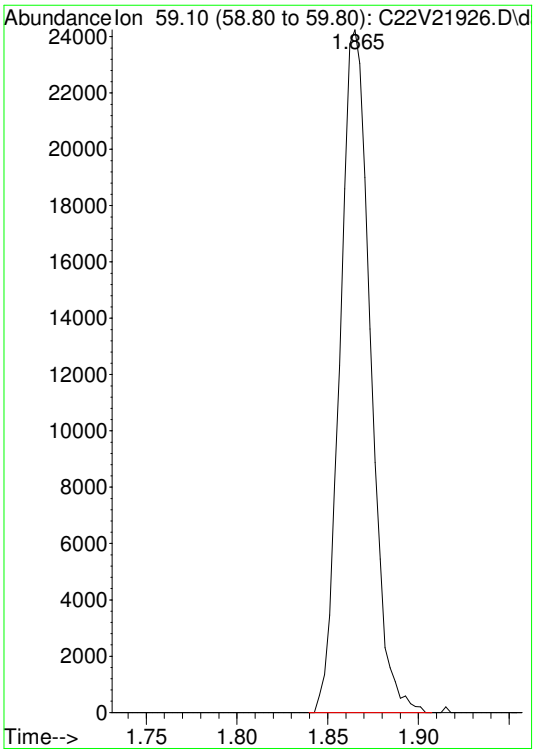
Manual Integration
BROMOMETHANE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
DI ETHYL ETHER



Original Int. Results

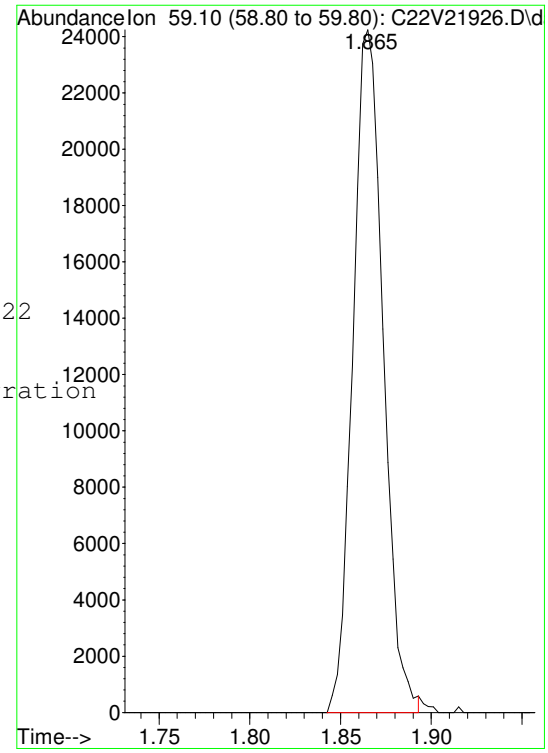
RT : 1.86
Area : 28303
Amount: 12.0481

Manual Int. Results

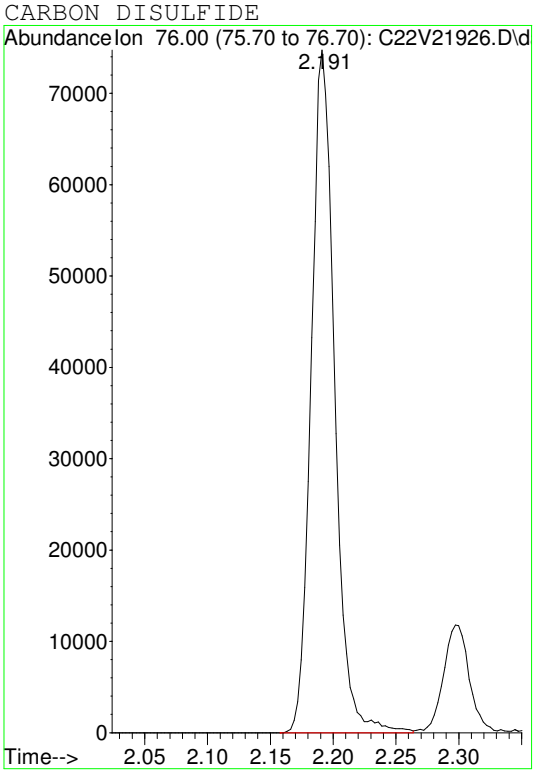
Tue Aug 09 06:49:54 2022

MIuser: EEH
Reason: Incorret Integration
RT : 1.86
Area : 28172
Amount: 11.9924

Manual Integration
DI ETHYL ETHER



Original Integration
CARBON DISULFIDE



Original Int. Results

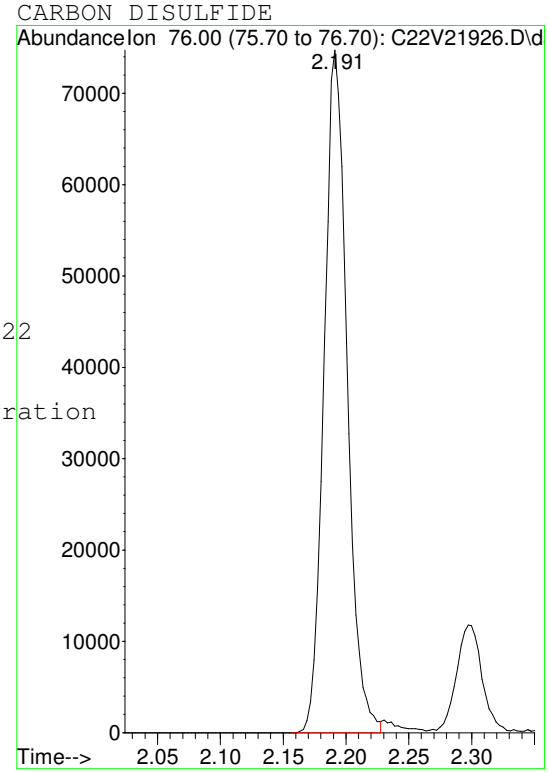
RT : 2.19
Area : 97000
Amount: 12.1458

Manual Int. Results

Tue Aug 09 06:49:28 2022

MIuser: EEH
Reason: Incorret Integration
RT : 2.19
Area : 95591
Amount: 11.9694

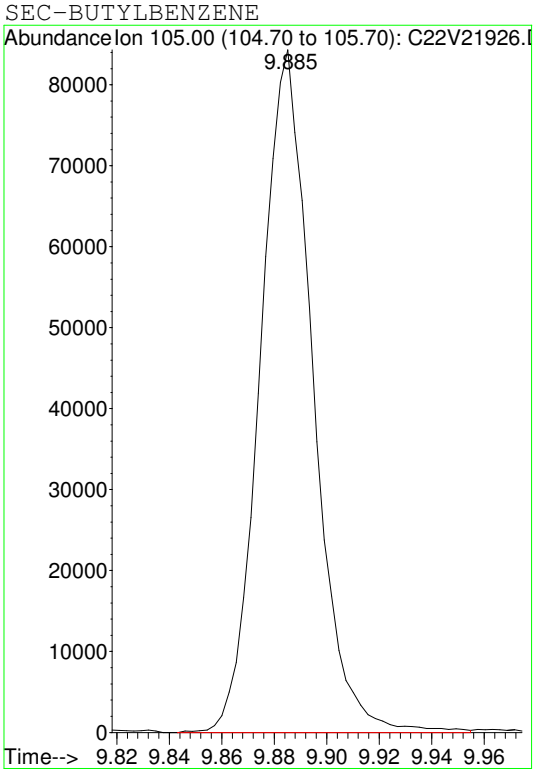
Manual Integration
CARBON DISULFIDE



Data Path : C:\msdchem\1\data\C080822\
Data File : C22V21926.D
Acq On : 8 Aug 2022 5:12 pm
Operator :
Sample : ICV 2208129
Misc :

Quant Time : Tue Aug 09 06:49:54 2022
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Tue Aug 09 06:47:59 2022

Original Integration
SEC-BUTYLBENZENE



Original Int. Results

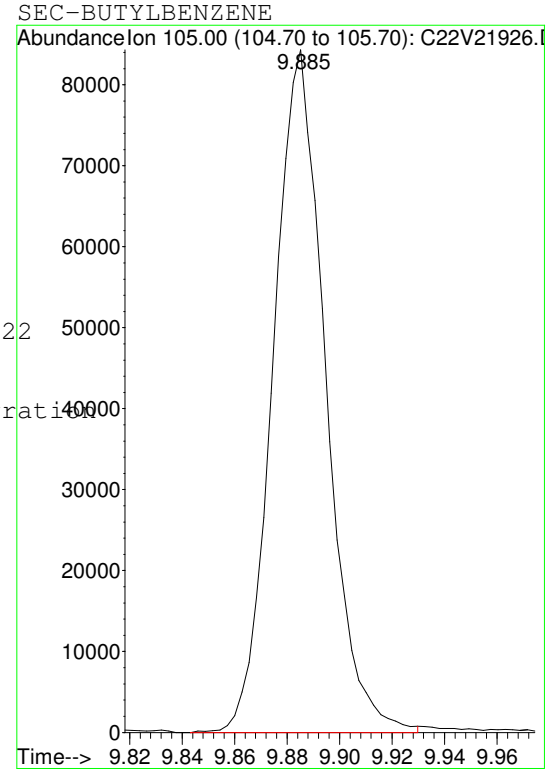
RT : 9.89
Area : 117544
Amount: 12.0487

Manual Int. Results

Tue Aug 09 06:49:35 2022

MIuser: EEH
Reason: Incorret Integration
RT : 9.89
Area : 116837
Amount: 11.9763

Manual Integration
SEC-BUTYLBENZENE



INITIAL CALIBRATION STANDARDS

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Sequence:	S092419	Instrument:	GCMSVOA2
Calibration:	2301046		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2007196	8260 STD 10PPB CLP	S092419-TUN1	B23V23404.D	08/22/23 11:59
2006160	0.4ppb 8260 Calibration Standard	S092419-CAL1	B23V23405.D	08/22/23 12:25
2006161	0.5ppb 8260 Calibration Standard	S092419-CAL2	B23V23406.D	08/22/23 12:51
2006162	1ppb 8260 Calibration Standard	S092419-CAL3	B23V23407.D	08/22/23 13:17
2006163	2ppb 8260 Calibration Standard	S092419-CAL4	B23V23408.D	08/22/23 13:43
2006164	5ppb 8260 Calibration Standard	S092419-CAL5	B23V23409.D	08/22/23 14:09
2006165	10ppb 8260 Calibration Standard	S092419-CAL6	B23V23410.D	08/22/23 14:36
2006166	20ppb 8260 Calibration Standard	S092419-CAL7	B23V23411.D	08/22/23 15:02
2006167	50ppb 8260 Calibration Standard	S092419-CAL8	B23V23412.D	08/22/23 15:28
2006168	100ppb 8260 Calibration Standard	S092419-CAL9	B23V23413.D	08/22/23 15:54
2006169	200ppb 8260 Calibration Standard	S092419-CALA	B23V23414.D	08/22/23 16:20
2006167	50ppb 8260 Calibration Standard	S092419-CAL8	B23V23415.D	08/22/23 16:46
2006168	100ppb 8260 Calibration Standard	S092419-CAL9	B23V23416.D	08/22/23 17:12
2006169	200ppb 8260 Calibration Standard	S092419-CALA	B23V23417.D	08/22/23 17:38

C:\msdchem\1\data\B082223\

Date	Filename	Lab ID	Sample Info
22 Aug 2023 10:41 am	B23V23401.D	CLEAN UP	
22 Aug 2023 11:07 am	B23V23402.D	CLEAN UP	
22 Aug 2023 11:33 am	B23V23403.D	CLEAN UP	
22 Aug 2023 11:59 am	B23V23404.D	BFB (IS/SURR: 2303317)	
22 Aug 2023 12:25 pm	B23V23405.D	8260 STD 0.4 PPB (2307733)	
22 Aug 2023 12:51 pm	B23V23406.D	8260 STD 0.5 PPB (2307733)	
22 Aug 2023 1:17 pm	B23V23407.D	8260 STD 1.0 PPB (2307733)	
22 Aug 2023 1:43 pm	B23V23408.D	8260 STD 2.0 PPB (2307733)	
22 Aug 2023 2:09 pm	B23V23409.D	8260 STD 5.0 PPB (2307733)	
22 Aug 2023 2:36 pm	B23V23410.D	8260 STD 10 PPB (2307733)	
22 Aug 2023 3:02 pm	B23V23411.D	8260 STD 20 PPB (2307733)	
22 Aug 2023 3:28 pm	B23V23412.D	8260 STD 50 PPB	
22 Aug 2023 3:54 pm	B23V23413.D	8260 STD 100 PPB	
22 Aug 2023 4:20 pm	B23V23414.D	8260 STD 200 PPB	
22 Aug 2023 4:46 pm	B23V23415.D	8260 ETOH 500 PPB	
22 Aug 2023 5:12 pm	B23V23416.D	8260 ETOH 1000 PPB	
22 Aug 2023 5:38 pm	B23V23417.D	8260 ETOH 2000 PPB	
22 Aug 2023 6:04 pm	B23V23418.D	CLEAN UP	
22 Aug 2023 6:30 pm	B23V23419.D	CLEAN UP	
22 Aug 2023 6:56 pm	B23V23420.D	ICV (2303580)	
22 Aug 2023 7:22 pm	B23V23421.D	ICVD (2303580)	
22 Aug 2023 7:48 pm	B23V23422.D	CLEAN UP	
22 Aug 2023 8:14 pm	B23V23423.D	CLEAN UP	

Response Factor Report GCMSVOA2

Method Path : C:\msdchem\1\methods\
Method File : B082223W.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Wed Aug 23 10:01:15 2023
Response Via : Initial Calibration

Calibration Files
0.4 =B23V23405.D 0.5 =B23V23406.D 1.0 =B23V23407.D 2.0 =B23V23408.D 5.0 =B23V23409.D 10 =B23V23410.D 20 =B23V23411.D
50 =B23V23412.D 100 =B23V23413.D 200 =B23V23414.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.590	0.613	0.629	0.637	0.638	0.622	0.626	0.619	0.634	0.635	0.624	2.33
3)	T	DICHLORODIFLOU...	0.506	0.402	0.446	0.497	0.512	0.535	0.574	0.534	0.542	0.527	0.508	9.85
4)		DIFLUOROCHLORO...	0.627	0.663	0.717	0.751	0.796	0.830	0.886	0.818	0.841	0.829	0.776	10.80
5)	P	CHLOROMETHANE	0.875	0.830	0.934	0.969	0.937	0.958	0.992	0.860	0.916	0.945	0.922	5.59
6)	C	VINYL CHLORIDE	0.579	0.520	0.578	0.622	0.660	0.701	0.755	0.660	0.689	0.681	0.644	10.82#
7)	T	BROMOMETHANE				0.346	0.290	0.287	0.260	0.310	0.292	0.258	0.292	10.42
8)		CHLOROETHANE	0.398	0.315	0.385	0.352	0.350	0.369	0.383	0.350	0.357	0.313	0.357	7.88
9)		FLUORODICHLORO...	0.802	0.694	0.760	0.784	0.794	0.858	0.902	0.836	0.865	0.856	0.815	7.47
10)	T	TRICHLOROFLUOR...	0.566	0.503	0.544	0.614	0.662	0.696	0.727	0.692	0.716	0.705	0.643	12.45
11)		ETHANOL					0.009	0.008	0.008	0.010	0.011	0.010	0.009	10.72
12)	T	DI ETHYL ETHER	0.325	0.291	0.339	0.355	0.359	0.375	0.390	0.379	0.396	0.385	0.359	9.26
13)		ACROLEIN	0.124	0.106	0.115	0.112	0.114	0.117	0.120	0.116	0.123	0.118	0.117	4.62
14)	T	ACETONE	0.200	0.179	0.178	0.184	0.198	0.193	0.193	0.197	0.187	0.177	0.189	4.66
15)	C	1,1-DICHLOROET...	0.688	0.583	0.633	0.693	0.718	0.758	0.826	0.750	0.774	0.758	0.718	9.96#
16)		1,1,2-TRICL-1,...	0.355	0.271	0.351	0.372	0.400	0.417	0.444	0.419	0.424	0.426	0.388	13.42
17)		IODOMETHANE			0.453	0.520	0.599	0.654	0.723	0.652	0.679	0.647	0.616	14.42
18)		METHYL ACETATE			0.489	0.504	0.571	0.569	0.566	0.578	0.562	0.546	0.548	6.11
19)		T-BUTYL ALCOHOL		0.052	0.057	0.059	0.063	0.066	0.067	0.067	0.070	0.066	0.063	9.14
20)		ACRYLONITRILE			0.188	0.216	0.235	0.244	0.262	0.254	0.269	0.253	0.240	11.07
21)	T	METHYLENE CHLO...	0.840	0.750	0.817	0.797	0.839	0.838	0.894	0.825	0.853	0.838	0.829	4.51
22)		CARBON DISULFIDE	1.073	0.982	1.076	1.127	1.193	1.235	1.356	1.068	1.102	1.071	1.128	9.45
23)	T	METHYL TERT-BU...	1.105	0.970	1.164	1.172	1.255	1.301	1.363	1.330	1.382	1.361	1.240	10.86
24)	T	TRANS 1,2-DICH...	0.691	0.564	0.669	0.679	0.731	0.780	0.831	0.749	0.799	0.775	0.727	10.78
25)	P	1,1-DICHLOROET...	0.817	0.727	0.811	0.880	0.939	0.944	1.039	0.974	1.022	1.005	0.916	11.32
26)		VINYL ACETATE	1.377	1.255	1.442	1.390	1.394	1.570	1.630	1.536	1.631	1.550	1.477	8.43
27)		DI ISOPROPYL E...	1.972	1.681	1.918	1.947	2.077	2.168	2.262	2.103	2.190	2.121	2.044	8.27
28)	T	2-BUTANONE	0.271	0.265	0.276	0.281	0.300	0.308	0.316	0.312	0.320	0.303	0.295	6.75
29)		T-BUTYL ETHYL ...	1.490	1.240	1.540	1.560	1.617	1.698	1.778	1.702	1.762	1.743	1.613	10.21
30)	T	CIS-1,2-DICHLO...	0.703	0.673	0.734	0.823	0.846	0.885	0.926	0.870	0.900	0.889	0.825	10.85
31)		2,2-DICHLOROPR...	0.632	0.578	0.641	0.658	0.690	0.720	0.754	0.746	0.749	0.744	0.691	8.87
32)		ETHYL ACETATE				0.744	0.820	0.802	0.837	0.780	0.756	0.740	0.783	4.87
33)		BROMOCHLOROMET...			0.200	0.231	0.232	0.248	0.262	0.250	0.251	0.226	0.237	8.25
34)	T	TETRAHYDROFURAN			0.213	0.225	0.227	0.231	0.241	0.225	0.237	0.227	0.228	3.67
35)		T-BUTYL FORMATE											0.000	-1.00
36)	C	CHLOROFORM	0.711	0.626	0.692	0.750	0.831	0.817	0.876	0.868	0.891	0.879	0.794	11.73#
37)	T	1,1,1-TRICHLOR...	0.648	0.538	0.661	0.689	0.752	0.772	0.832	0.787	0.822	0.819	0.732	13.05
38)		CYCLOHEXANE				1.299	1.161	1.160	1.225	1.077	1.079	1.061	1.152	7.63
39)	T	CARBON TETRACH...	0.697	0.658	0.675	0.661	0.696	0.684	0.747	0.722	0.755	0.742	0.704	5.09
40)		1,1-DICHLOROPR...	0.679	0.572	0.603	0.650	0.670	0.700	0.744	0.695	0.722	0.708	0.674	7.91
41)	T	BENZENE	1.717	1.567	1.694	1.805	1.896	1.914	2.102	1.953	2.052	2.024	1.872	9.26

Method Path : C:\msdchem\1\methods\
Method File : B082223W.M
Title : 8260 CALIBRATION VOAMS 5973

42)		T-AMYL ALCOHOL											0.000	-1.00
43)		T-AMYLMETHYL E...	1.145	1.073	1.253	1.257	1.367	1.393	1.457	1.446	1.502	1.488	1.338	11.16
44)	I	1,4-DIFLOUROBENZEN...	----------ISTD----------											
45)	S	TOLUENE-D8 SS	1.223	1.255	1.274	1.262	1.249	1.257	1.263	1.263	1.280	1.291	1.262	1.47
46)	T	1,2-DICHLOROET...	0.318	0.259	0.348	0.351	0.399	0.393	0.416	0.393	0.407	0.407	0.369	13.56
47)	T	TRICHLOROETHENE	0.264	0.226	0.264	0.280	0.297	0.308	0.319	0.304	0.311	0.315	0.289	10.33
48)		METHYLCYCLOHEXANE	0.461	0.409	0.458	0.480	0.483	0.519	0.549	0.488	0.497	0.501	0.484	7.76
49)	C	1,2-DICHLOROPR...	0.248	0.238	0.285	0.309	0.324	0.334	0.347	0.327	0.338	0.342	0.309	12.64#
50)	T	DIBROMOMETHANE		0.119	0.151	0.156	0.167	0.172	0.177	0.173	0.179	0.181	0.164	11.96
51)		1,4-DIOXANE					0.003	0.004	0.004	0.004	0.004	0.004	0.004	6.99
52)	T	BROMODICHLOROM...	0.320	0.289	0.341	0.345	0.372	0.377	0.401	0.386	0.396	0.406	0.363	10.60
53)		2-CHLOROETHYLV...	0.193	0.179	0.204	0.213	0.226	0.228	0.230	0.214	0.210	0.202	0.210	7.68
54)	T	MIBK	0.350	0.325	0.364	0.372	0.405	0.409	0.414	0.410	0.420	0.406	0.387	8.35
55)	T	CIS-1,3-DICHLO...	0.391	0.364	0.428	0.444	0.480	0.502	0.513	0.493	0.525	0.536	0.468	12.50
56)	C	TOLUENE	1.283	1.075	1.199	1.259	1.264	1.320	1.401	1.303	1.345	1.358	1.281	7.19#
57)	T	TRANS-1,3,-DIC...	0.334	0.295	0.356	0.382	0.408	0.426	0.448	0.441	0.461	0.470	0.402	14.58
58)		ETHYL METHACRY...											0.000	-1.00
59)	T	1,1,2-TRICHLOR...	0.198	0.190	0.230	0.231	0.251	0.259	0.268	0.264	0.271	0.276	0.244	12.56
60)		2-HEXANONE	0.267	0.242	0.274	0.277	0.303	0.312	0.311	0.307	0.314	0.304	0.291	8.47
61)	T	TETRACHLOROETHENE	0.231	0.191	0.241	0.255	0.271	0.279	0.290	0.271	0.282	0.285	0.260	11.90
62)		1,3-DICHLOROPR...	0.399	0.328	0.405	0.437	0.452	0.466	0.482	0.475	0.498	0.503	0.445	12.16
63)	T	DIBROMOCHLOROM...	0.287	0.243	0.267	0.302	0.313	0.325	0.337	0.342	0.356	0.366	0.314	12.59
64)	T	1,2-DIBROMOETHANE	0.220	0.208	0.255	0.256	0.282	0.287	0.301	0.296	0.302	0.308	0.272	13.10
65)	I	CHLOROBENZENE-D5 ISTD	----------ISTD----------											
66)	S	4-BROMOFLUROBE...	0.945	0.951	0.952	0.941	0.969	0.941	0.941	0.958	0.967	0.964	0.953	1.17
67)	P	CHLOROBENZENE	1.473	1.329	1.523	1.553	1.671	1.704	1.756	1.704	1.744	1.731	1.619	8.81
68)	T	1,1,1,2-TETRAC...	0.472	0.415	0.479	0.527	0.600	0.608	0.628	0.625	0.637	0.640	0.563	14.66
69)	C	ETHYLBENZENE	2.637	2.259	2.622	2.631	2.871	2.855	2.986	2.848	2.918	2.885	2.751	7.87#
70)	T	M/P-XYLENES	2.074	1.900	2.100	2.125	2.223	2.207	2.299	2.213	2.270	2.232	2.164	5.45
71)	T	0-XYLENE	2.109	1.888	2.103	2.132	2.248	2.277	2.381	2.281	2.337	2.311	2.207	6.71
72)	T	STYRENE	1.617	1.454	1.638	1.686	1.887	1.895	1.978	1.914	1.972	1.947	1.799	10.23
73)	P	BROMOFORM			0.340	0.341	0.393	0.397	0.409	0.416	0.431	0.428	0.394	9.06
74)	T	ISOPROPYLBENZENE	2.924	2.462	2.649	2.798	3.002	2.984	3.122	3.027	3.085	3.071	2.913	7.33
75)		CIS-1,4-DICHLO...											0.000	-1.00
76)	P	1,1,2,2-TETRAC...	0.527	0.538	0.611	0.629	0.680	0.703	0.708	0.709	0.732	0.705	0.654	11.35
77)		1,4-DICHLORO-2...				0.240	0.268	0.265	0.275	0.280	0.289	0.281	0.271	5.90
78)		BROMOBENZENE	0.994	0.790	1.002	0.998	1.063	1.045	1.080	1.050	1.079	1.073	1.018	8.51
79)	T	1,2,3-TRICHLOR...			0.179	0.181	0.215	0.224	0.231	0.229	0.234	0.224	0.215	10.23
80)	T	N-PROPYLBENZENE	3.193	2.940	3.062	3.257	3.521	3.524	3.686	3.561	3.625	3.559	3.393	7.63
81)	T	2-CHLOROT0LUENE	1.895	1.695	1.827	1.902	2.061	1.987	2.060	1.990	2.042	2.011	1.947	6.05
82)	T	1,3,5-TRIMETHY...	2.201	1.988	2.258	2.324	2.489	2.497	2.618	2.511	2.583	2.523	2.399	8.35
83)		4-CHLOROTOLUENE	2.109	1.992	2.166	2.186	2.346	2.350	2.425	2.335	2.394	2.352	2.265	6.30
84)	I	1,4-DICHLOROBENZEN...	----------ISTD----------											
85)	T	TERT-BUTYLBENZENE	1.811	1.652	1.820	1.920	1.974	2.048	2.153	2.080	2.104	2.095	1.966	8.24
86)	T	1,2,4-TRIMETHY...	2.153	1.887	1.967	2.148	2.239	2.291	2.372	2.252	2.296	2.286	2.189	7.06
87)		SEC-BUTYLBENZENE	2.676	2.302	2.482	2.592	2.778	2.840	2.964	2.863	2.903	2.885	2.728	7.79
88)	T	1,3-DICHLOROBE...	1.150	1.028	1.154	1.219	1.242	1.291	1.351	1.290	1.314	1.307	1.235	8.00
89)	T	P-ISOPROPYLTOL...	2.385	2.060	2.239	2.403	2.501	2.597	2.705	2.609	2.650	2.621	2.477	8.28

Method Path : C:\msdchem\1\methods\
Method File : B082223W.M
Title : 8260 CALIBRATION VOAMS 5973

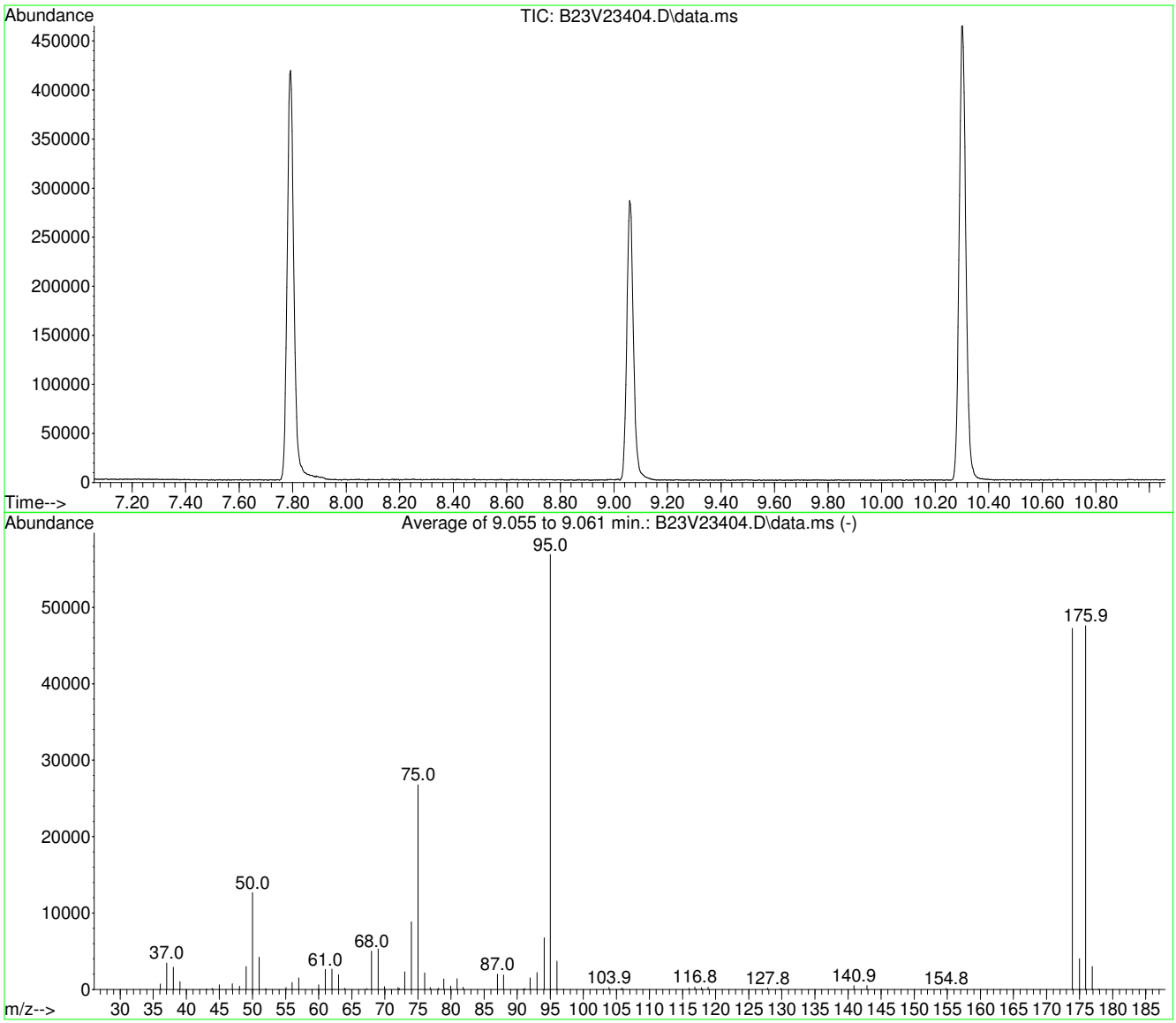
90)	T	1,4-DICHLOROBE...	1.279	1.133	1.232	1.277	1.314	1.332	1.372	1.336	1.337	1.339	1.295	5.39
91)		1,2,3-TRIMETHY...	2.227	1.964	2.206	2.219	2.350	2.382	2.440	2.336	2.350	2.344	2.282	5.93
92)	T	N-BUTYLBENZENE	1.911	1.611	1.867	1.957	2.113	2.220	2.326	2.222	2.252	2.213	2.069	10.89
93)	T	1,2-DICHLOROBE...	1.051	0.910	1.087	1.110	1.188	1.213	1.255	1.218	1.219	1.203	1.145	9.27
94)		1,2-DIBROMO-3-...			0.086	0.101	0.121	0.116	0.120	0.122	0.122	0.117	0.113	11.36
95)		1,3,5-TRICHLOR...	0.732	0.667	0.713	0.746	0.824	0.831	0.882	0.834	0.856	0.831	0.792	9.00
96)	T	1,2,4-TRICHLOR...	0.522	0.539	0.604	0.638	0.680	0.714	0.733	0.716	0.728	0.700	0.657	11.92
97)	T	HEXACHLOROBUTA...		0.216	0.276	0.282	0.307	0.321	0.345	0.328	0.337	0.321	0.304	13.19
98)	T	NAPHTHALENE	1.501	1.291	1.530	1.523	1.668	1.686	1.714	1.732	1.747	1.627	1.602	8.85
99)		1,2,3-TRICHLOR...	0.408	0.449	0.501	0.513	0.555	0.569	0.588	0.576	0.584	0.534	0.528	11.48

(#) = Out of Range

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23404.D
Acq On : 22 Aug 2023 11:59 am
Operator :
Sample : BFB (IS/SURR: 2303317)
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : C:\msdchem\1\methods\B052523W-TEST.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Fri Aug 18 14:26:27 2023



AutoFind: Scans 2966, 2967, 2968; Background Corrected with Scan 2952

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	12661	PASS
75	95	30	60	47.1	26784	PASS
95	95	100	100	100.0	56899	PASS
96	95	5	9	6.5	3698	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.1	47267	PASS
175	174	5	9	8.5	4009	PASS
176	174	95	101	100.7	47608	PASS
177	176	5	9	6.3	3012	PASS

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 12:47:07 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	142726	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.732	114	240946	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127151	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.301	152	136034	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.267	65	70162	23.11	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%				
45) TOLUENE-D8 SS	6.266	98	245533	26.52	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.08%				
66) 4-BROMOFLUROBENZENE SS	9.058	95	100178	28.84	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.36%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.012	85	962	0.37	UG/L	#	43
4) DIFLUOROCHLOROMETHANE	1.024	51	1194	0.33	UG/L	#	65
5) CHLOROMETHANE	1.116	50	1665	0.36	UG/L		93
6) VINYL CHLORIDE	1.174	62	1102	0.27	UG/L	#	43
7) BROMOMETHANE	1.353	94	1157	0.31	UG/L		95
8) CHLOROETHANE	1.414	64	757	0.27	UG/L		89
9) FLUORODICHLOROMETHANE	1.523	67	1527	0.24	UG/L	#	76
10) TRICHLOROFLUOROMETHANE	1.553	101	1078	0.17	UG/L		91
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	618	0.30	UG/L	#	15
13) ACROLEIN	1.816	56	2360	4.02	UG/L	#	66
14) ACETONE	1.921	43	3814	3.35	UG/L		97
15) 1,1-DICHLOROETHENE	1.871	61	1309	0.26	UG/L	#	77
16) 1,1,2-TRICL-1,2,2-TRIF...	1.869	101	675	0.21	UG/L	#	10
17) IODOMETHANE	1.983	142	7496	1.22	UG/L		91
18) METHYL ACETATE	0.000		0	N.D.	d		
19) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
20) ACRYLONITRILE	2.429	53	291m	0.29	UG/L		
21) METHYLENE CHLORIDE	2.220	49	1598	0.33	UG/L		93
22) CARBON DISULFIDE	2.025	76	20414	2.26	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.432	73	2102	0.34	UG/L		91
24) TRANS 1,2-DICHLOROETHENE	2.432	61	1315	0.39	UG/L	#	77
25) 1,1-DICHLOROETHANE	2.811	63	1555	0.35	UG/L	#	52
26) VINYL ACETATE	2.875	43	26195	4.52	UG/L		98
27) DI ISOPROPYL ETHER	2.872	45	3752	0.42	UG/L	#	58
28) 2-BUTANONE	3.464	43	5160	3.99	UG/L	#	85
29) T-BUTYL ETHYL ETHER	3.254	59	2836	0.41	UG/L	#	68
30) CIS-1,2-DICHLOROETHENE	3.416	61	1338	0.33	UG/L	#	75
31) 2,2-DICHLOROPROPANE	3.399	77	1202	0.34	UG/L	#	48
32) ETHYL ACETATE	0.000		0	N.D.			
33) BROMOCHLOROMETHANE	3.659	128	254m	0.24	UG/L		
34) TETRAHYDROFURAN	0.000		0	N.D.	d		
35) T-BUTYL FORMATE	0.000		0	N.D.			
36) CHLOROFORM	3.759	83	1353	0.31	UG/L		86
37) 1,1,1-TRICHLOROETHANE	3.918	97	1234	0.32	UG/L	#	61
38) CYCLOHEXANE	3.968	56	4752	1.03	UG/L	#	61
39) CARBON TETRACHLORIDE	4.085	117	1327	0.36	UG/L		82
40) 1,1-DICHLOROPROPENE	4.097	75	1292	0.40	UG/L	#	42
41) BENZENE	4.303	78	3267	0.37	UG/L		98
42) T-AMYL ALCOHOL	0.000		0	N.D.			
43) T-AMYLMETHYL ETHER	4.440	73	2179	0.36	UG/L	#	80
46) 1,2-DICHLOROETHANE	4.342	62	1022	0.26	UG/L	#	48
47) TRICHLOROETHENE	4.989	95	847	0.31	UG/L	#	76
48) METHYLCYCLOHEXANE	5.165	83	1481m	0.35	UG/L		
49) 1,2-DICHLOROPROPANE	5.223	63	798	0.05	UG/L	#	83
50) DIBROMOMETHANE	5.352	93	304m	0.17	UG/L		
51) 1,4-DIOXANE	0.000		0	N.D.			
52) BROMODICHLOROMETHANE	5.533	83	1028	0.28	UG/L	#	95

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 5 Sample Multiplier: 1

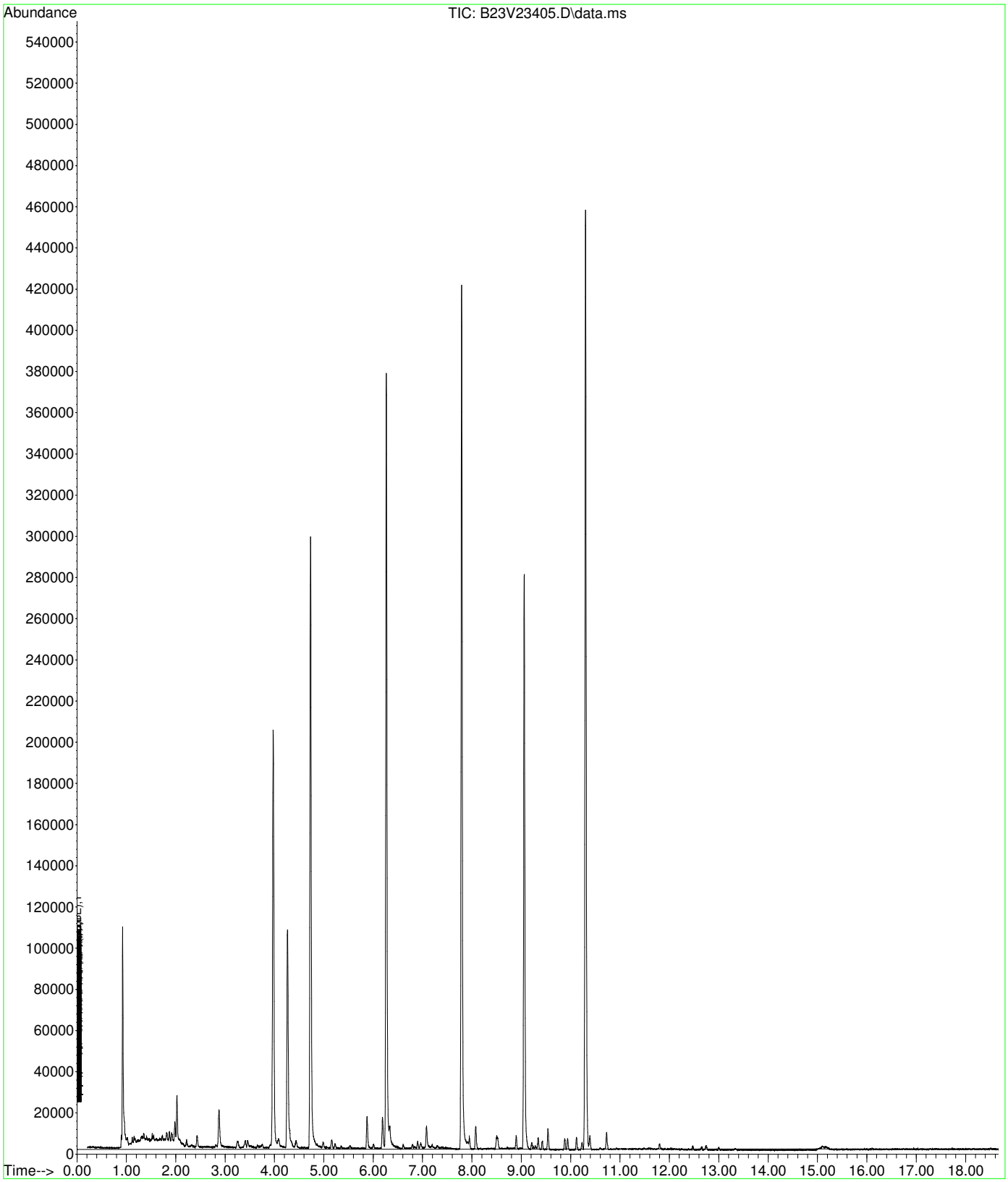
Quant Time: Aug 22 12:47:07 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.876	63	6202	3.52 UG/L		90
54) MIBK	6.185	43	11234	3.79 UG/L		99
55) CIS-1,3-DICHLOROPROPENE	6.010	75	1256	0.31 UG/L	#	60
56) TOLUENE	6.339	91	4123	0.42 UG/L		91
57) TRANS-1,3,-DICHLOROPRO...	6.606	75	1072	0.32 UG/L	#	60
58) ETHYL METHACRYLATE	0.000		0	N.D. d		
59) 1,1,2-TRICHLOROETHANE	6.788	97	637	0.32 UG/L	#	13
60) 2-HEXANONE	7.080	43	8565	4.21 UG/L	#	93
61) TETRACHLOROETHENE	6.902	164	742	0.36 UG/L	#	89
62) 1,3-DICHLOROPROPANE	6.966	76	1282	0.38 UG/L	#	76
63) DIBROMOCHLOROMETHANE	7.200	129	921	0.38 UG/L	#	78
64) 1,2-DIBROMOETHANE	7.304	107	706	0.34 UG/L	#	2
67) CHLOROBENZENE	7.819	112	2497	0.34 UG/L	#	48
68) 1,1,1,2-TETRACHLOROETHANE	7.923	131	800	0.33 UG/L	#	63
69) ETHYLBENZENE	7.948	91	4470	0.37 UG/L		95
70) M/P-XYLENES	8.079	91	7031	0.70 UG/L		100
71) 0-XYLENE	8.500	91	3576	0.37 UG/L		99
72) STYRENE	8.519	104	2742	0.35 UG/L	#	55
73) BROMOFORM	8.723	173	392m	0.21 UG/L		
74) ISOPROPYLBENZENE	8.899	105	4958	0.43 UG/L		96
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d		
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	894	0.28 UG/L	#	94
77) 1,4-DICHLORO-2-BUTENE(...	9.317	53	275m	0.26 UG/L		
78) BROMOBENZENE	9.208	77	1686	0.39 UG/L		89
79) 1,2,3-TRICHLOROPROPANE	9.286	110	301m	0.35 UG/L		
80) N-PROPYLBENZENE	9.342	91	5413	0.39 UG/L		99
81) 2-CHLOROT0LUENE	9.420	91	3213	0.40 UG/L	#	41
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	3732	0.38 UG/L		97
83) 4-CHLOROTOLUENE	9.548	91	3575	0.38 UG/L		98
85) TERT-BUTYLBENZENE	9.880	119	3285	0.40 UG/L		94
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	3905	0.40 UG/L		98
87) SEC-BUTYLBENZENE	10.117	105	4853	0.40 UG/L		98
88) 1,3-DICHLOROBENZENE	10.229	146	2086	0.39 UG/L		97
89) P-ISOPROPYLTOLUENE	10.285	119	4326	0.42 UG/L		96
90) 1,4-DICHLOROBENZENE	10.326	146	2319	0.39 UG/L	#	65
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	4040	0.41 UG/L	#	100
92) N-BUTYLBENZENE	10.725	91	3466	0.38 UG/L		97
93) 1,2-DICHLOROBENZENE	10.731	146	1906	0.36 UG/L		96
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
95) 1,3,5-TRICHLOROBENZENE	11.799	180	1327	0.46 UG/L		82
96) 1,2,4-TRICHLOROBENZENE	12.476	180	946	0.45 UG/L	#	85
97) HEXACHLOROBUTADIENE	12.655	225	416m	0.43 UG/L		
98) NAPHTHALENE	12.747	128	2723	0.50 UG/L	#	69
99) 1,2,3-TRICHLOROBENZENE	13.004	180	740m	0.45 UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 5 Sample Multiplier: 1

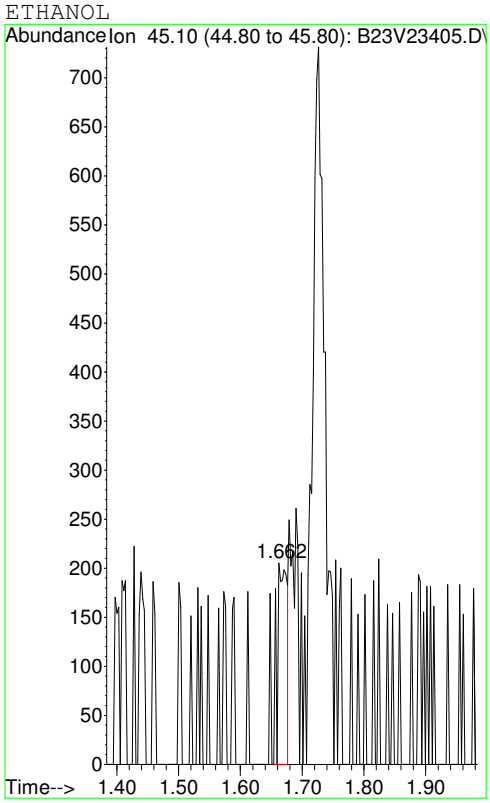
Quant Time: Aug 22 12:47:07 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

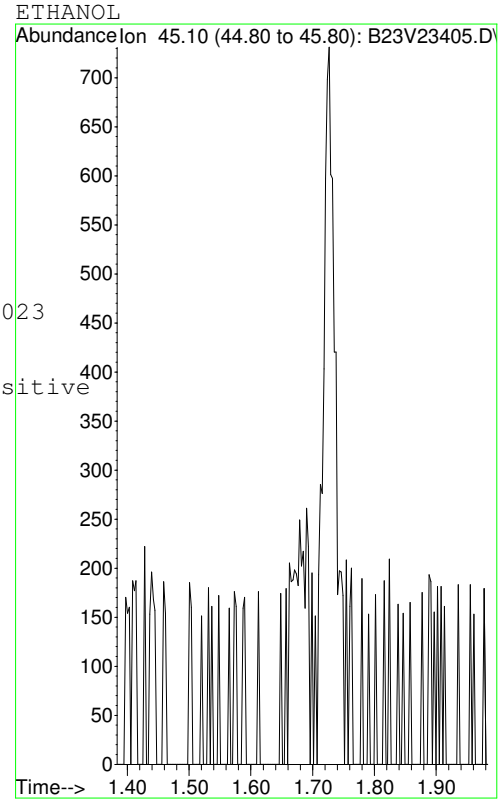
RT : 1.66
Area : 223
Amount: 4.71149

Manual Int. Results

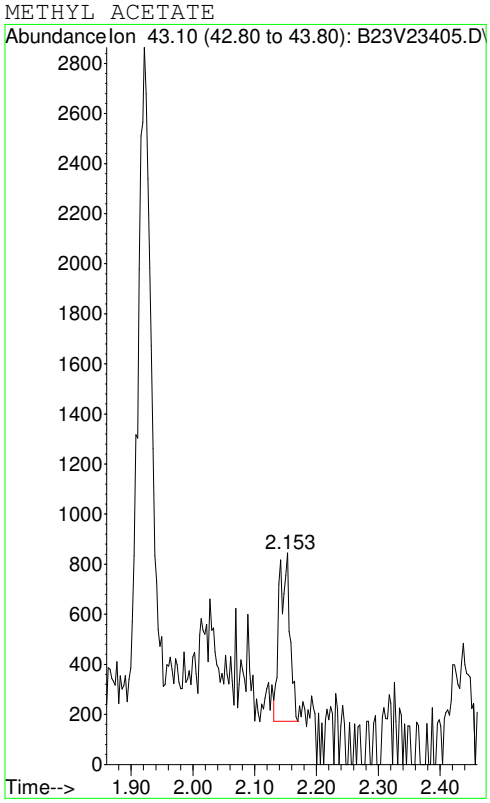
Tue Aug 22 12:48:13 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
METHYL ACETATE



Original Int. Results

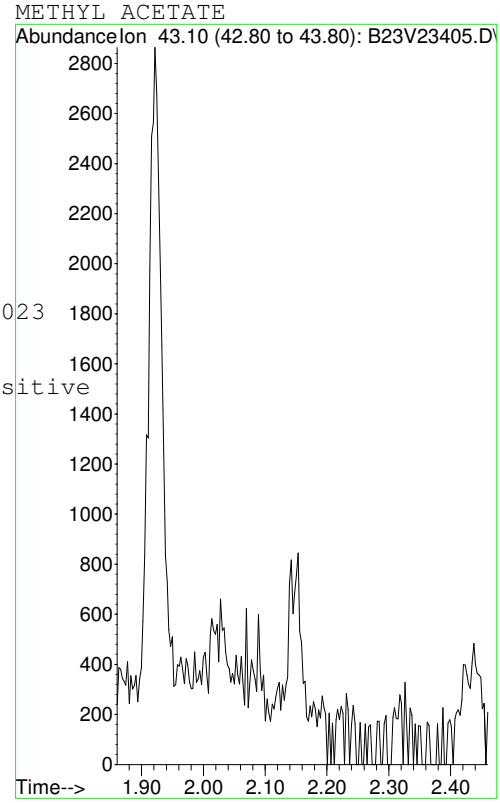
RT : 2.15
Area : 790
Amount: 0.25712

Manual Int. Results

Tue Aug 22 12:48:43 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

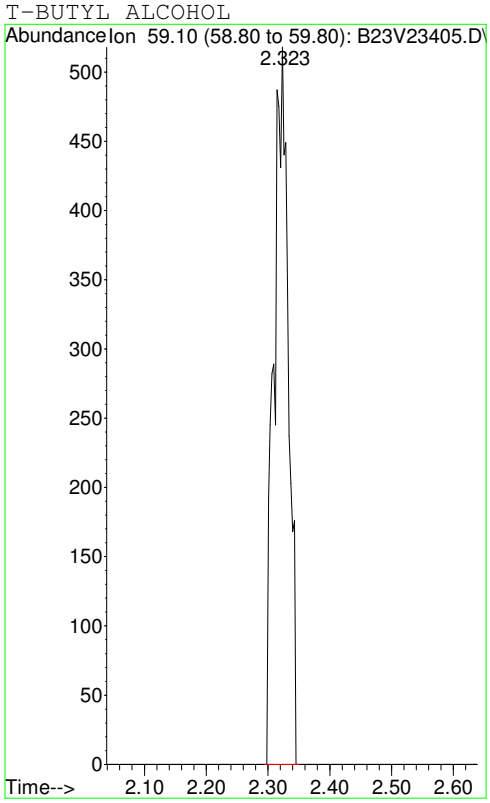
Manual Integration
METHYL ACETATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-BUTYL ALCOHOL



Original Int. Results

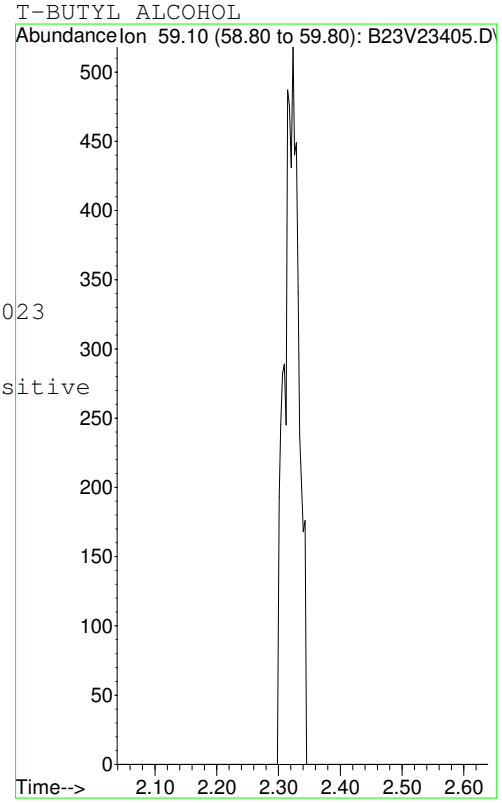
RT : 2.32
Area : 867
Amount: 3.26802

Manual Int. Results

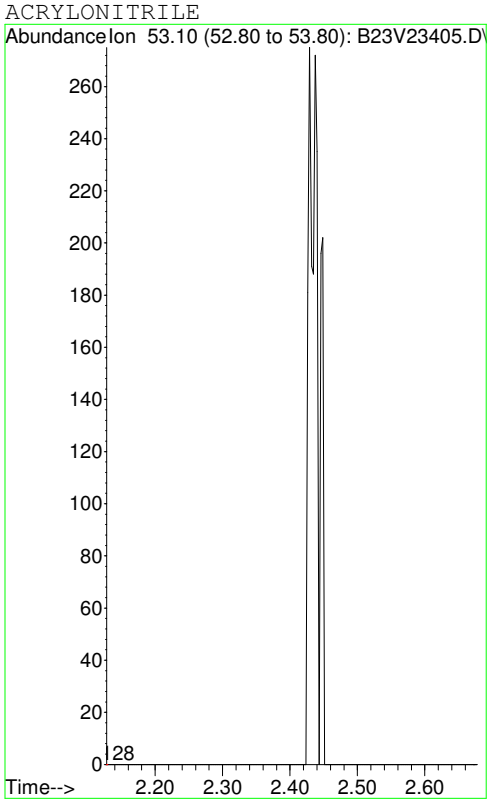
Tue Aug 22 12:48:47 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL ALCOHOL



Original Integration
ACRYLONITRILE



Original Int. Results

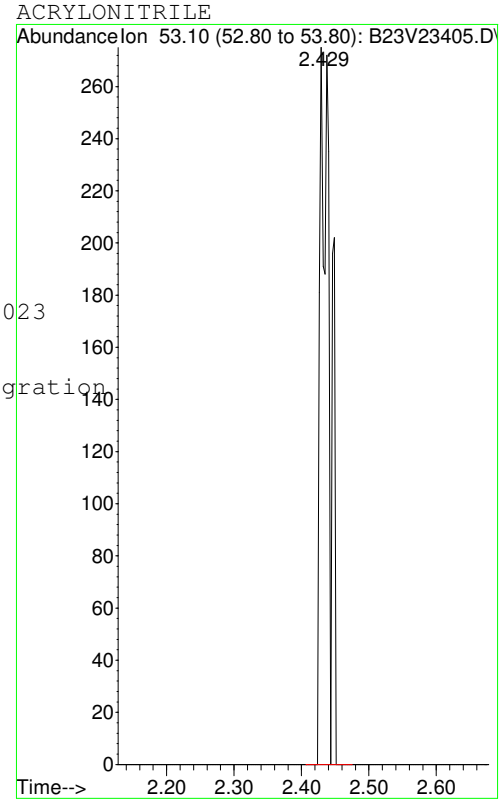
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:48:51 2023

MIuser: LBD
Reason: Incorret Integration
RT : 2.43
Area : 291
Amount: 0.294459

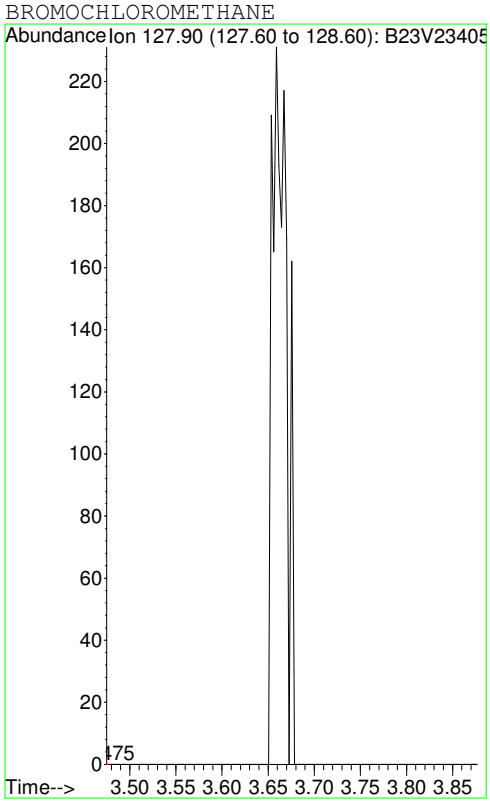
Manual Integration
ACRYLONITRILE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
BROMOCHLOROMETHANE



Original Int. Results

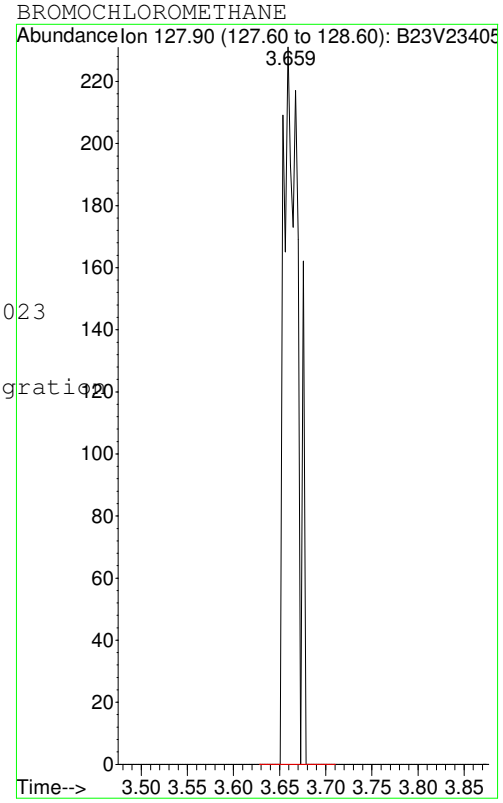
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

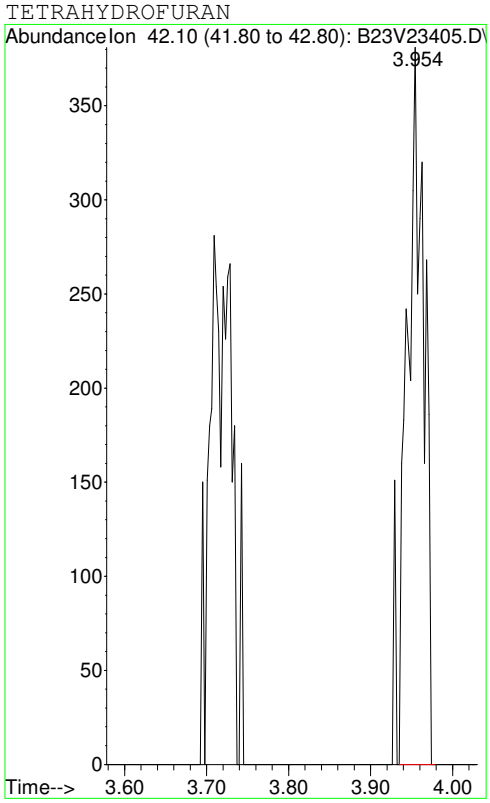
Tue Aug 22 12:49:44 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.66
Area : 254
Amount: 0.237101

Manual Integration
BROMOCHLOROMETHANE



Original Integration
TETRAHYDROFURAN



Original Int. Results

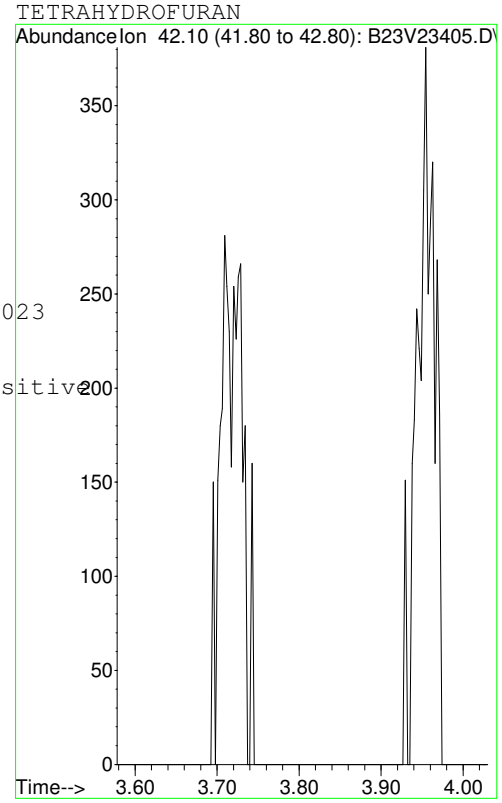
RT : 3.95
Area : 530
Amount: 0.602649

Manual Int. Results

Tue Aug 22 12:49:48 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

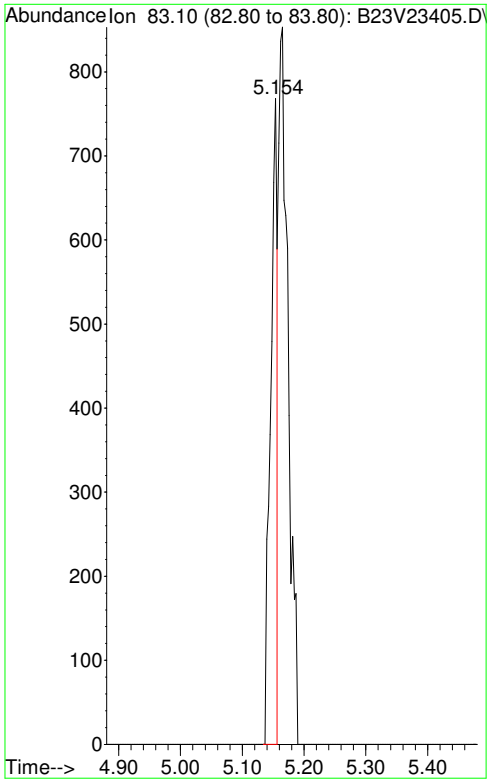
Manual Integration
TETRAHYDROFURAN



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
METHYLCYCLOHEXANE



Original Int. Results

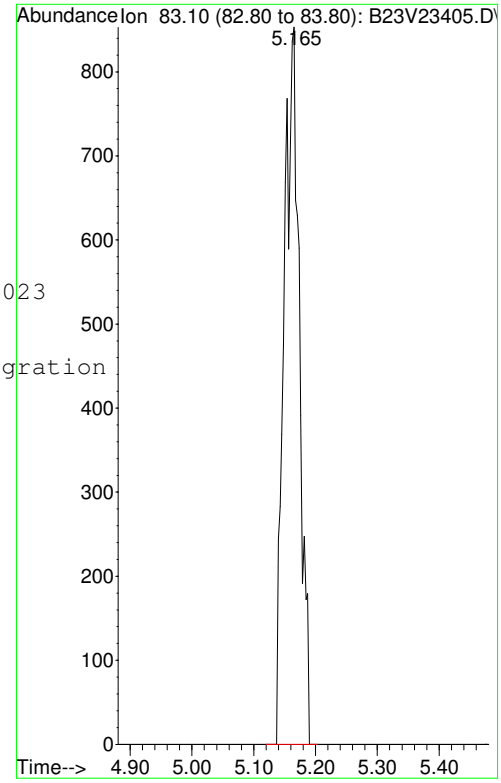
RT : 5.15
Area : 569
Amount: 0.134867

Manual Int. Results

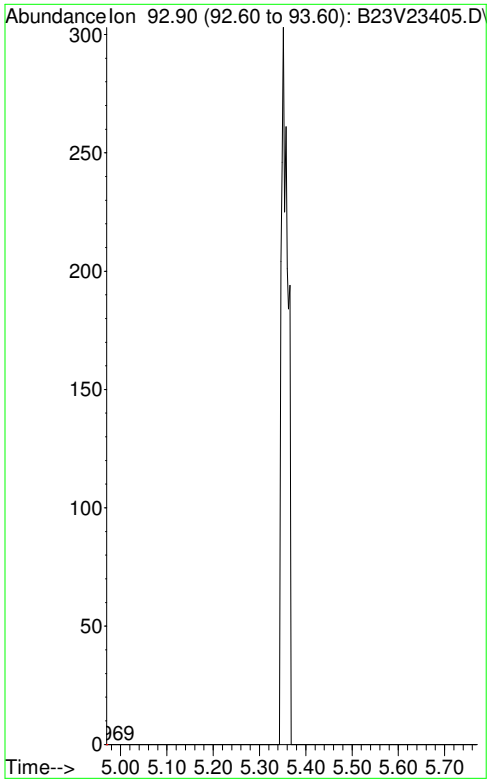
Tue Aug 22 12:50:31 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.16
Area : 1481
Amount: 0.351033

Manual Integration
METHYLCYCLOHEXANE



Original Integration
DIBROMOMETHANE



Original Int. Results

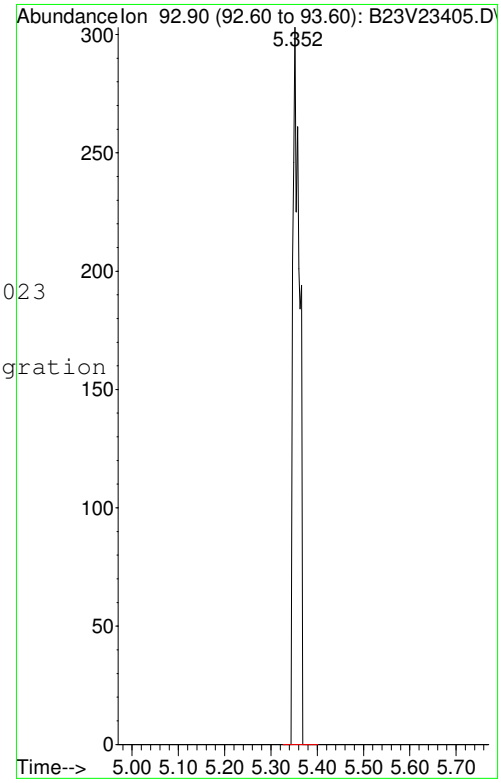
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:50:37 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.35
Area : 304
Amount: 0.171827

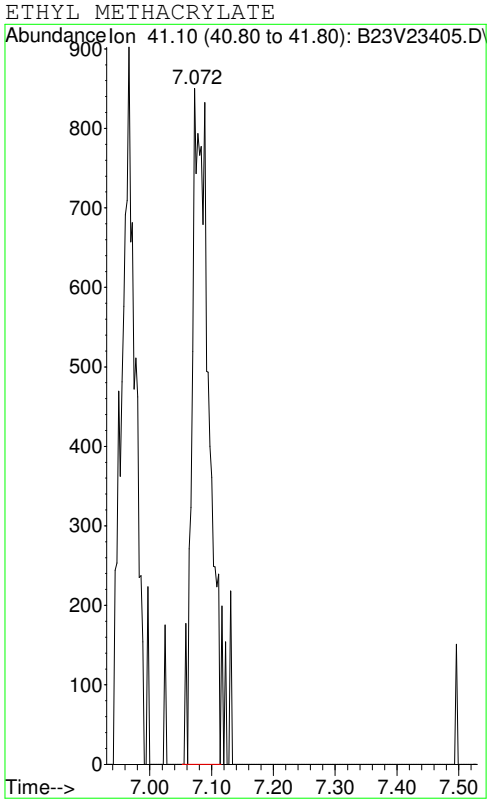
Manual Integration
DIBROMOMETHANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

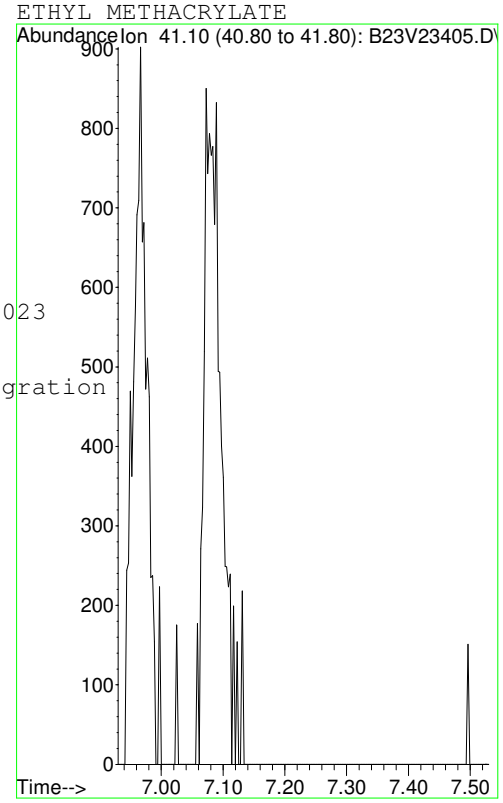
RT : 7.07
Area : 1579
Amount: 0

Manual Int. Results

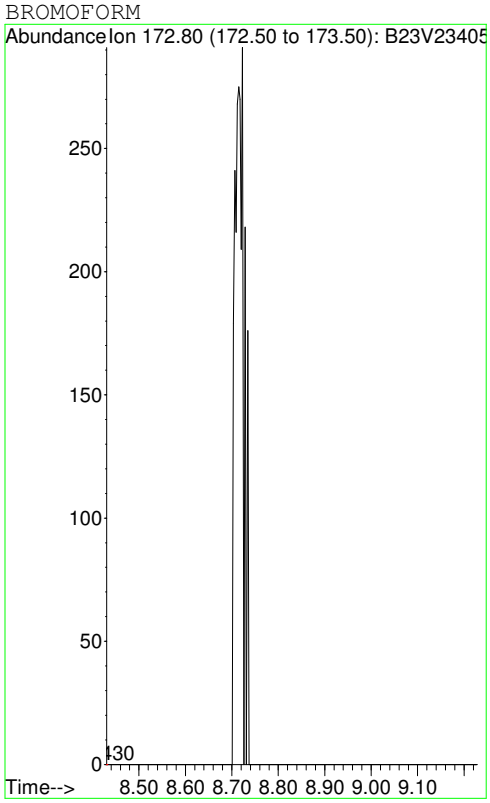
Tue Aug 22 12:50:48 2023

MIuser: LBD
Reason: Incorret Integration
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
BROMOFORM



Original Int. Results

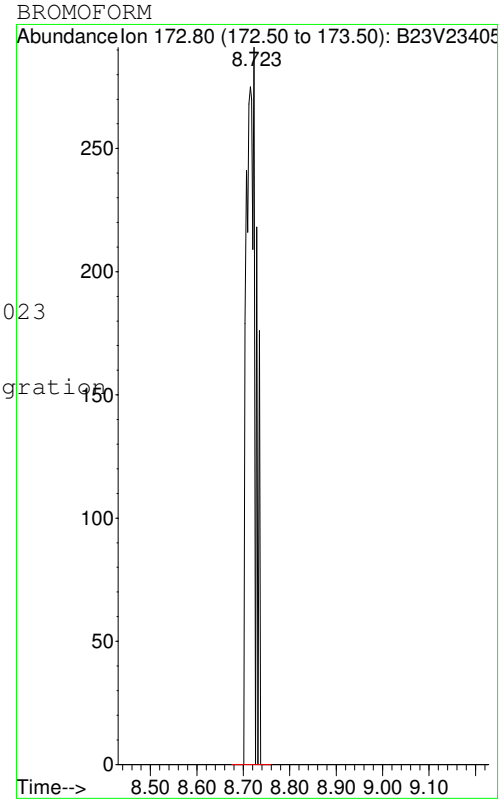
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:51:04 2023

MIuser: LBD
Reason: Incorret Integration
RT : 8.72
Area : 392
Amount: 0.209791

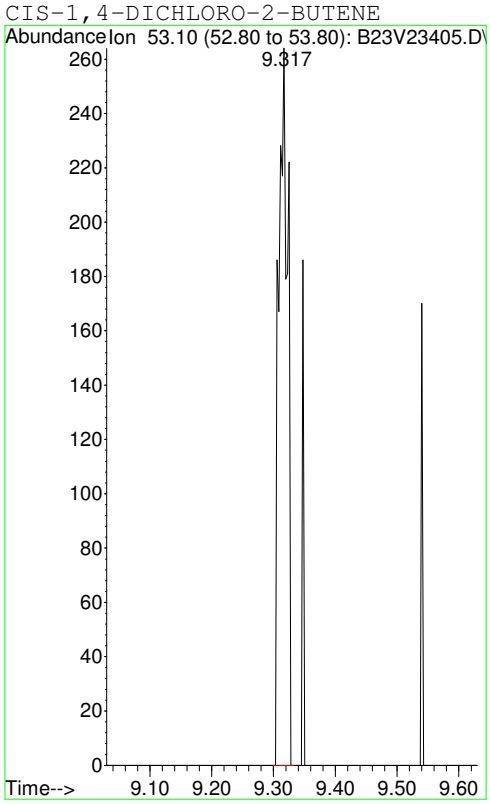
Manual Integration
BROMOFORM



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

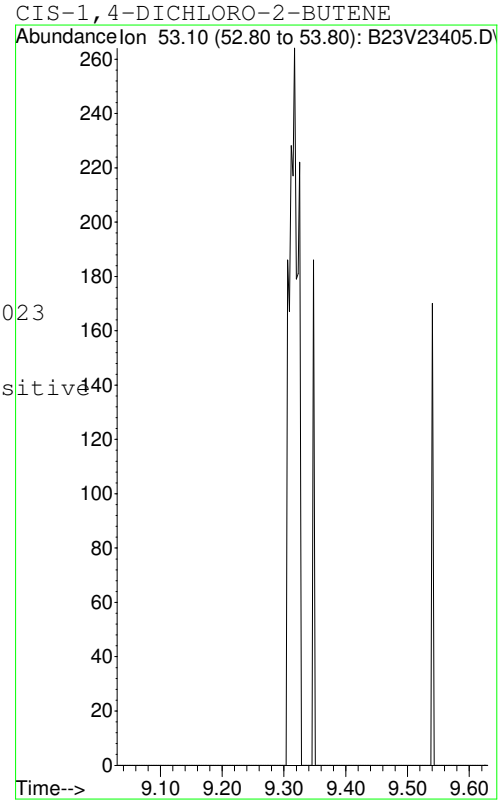
RT : 9.32
Area : 275
Amount: 0

Manual Int. Results

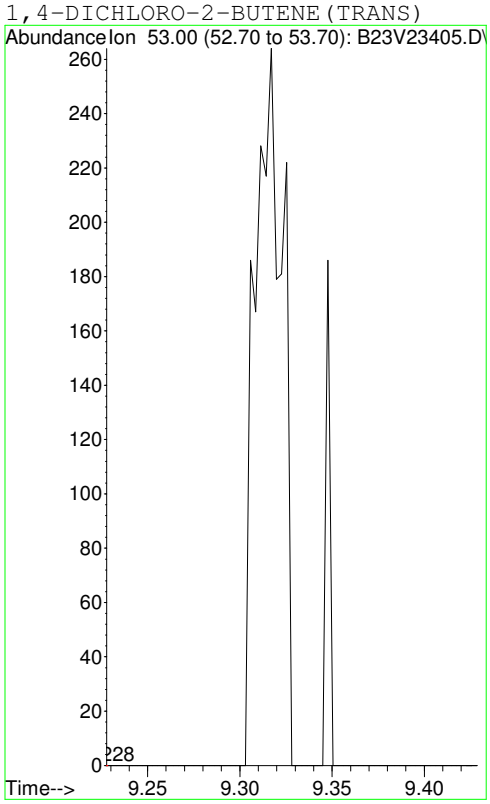
Tue Aug 22 12:51:10 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Original Int. Results

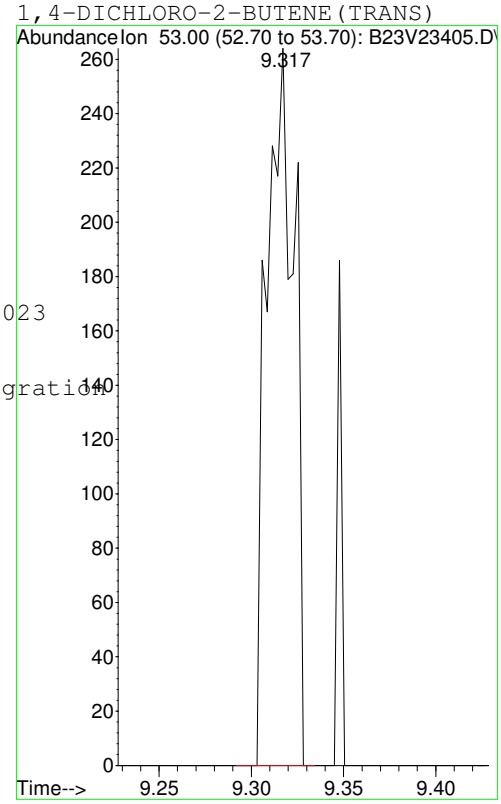
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:51:15 2023

MIuser: LBD
Reason: Incorret Integration
RT : 9.32
Area : 275
Amount: 0.25926

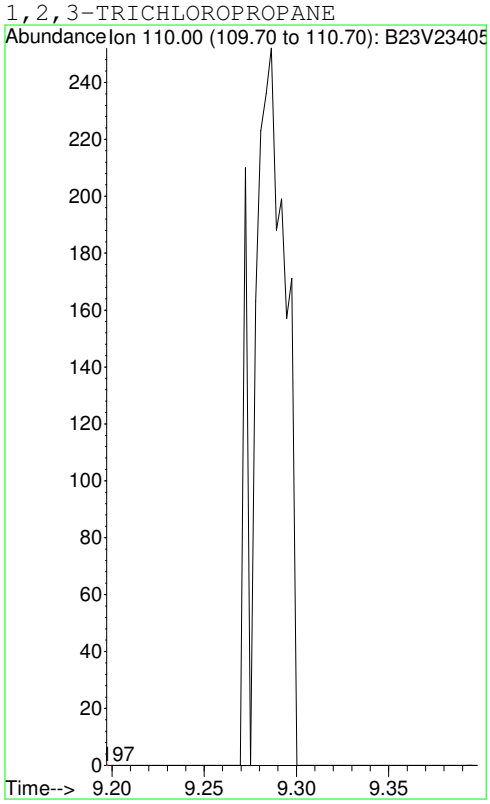
Manual Integration
1,4-DICHLORO-2-BUTENE(TRANS)



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

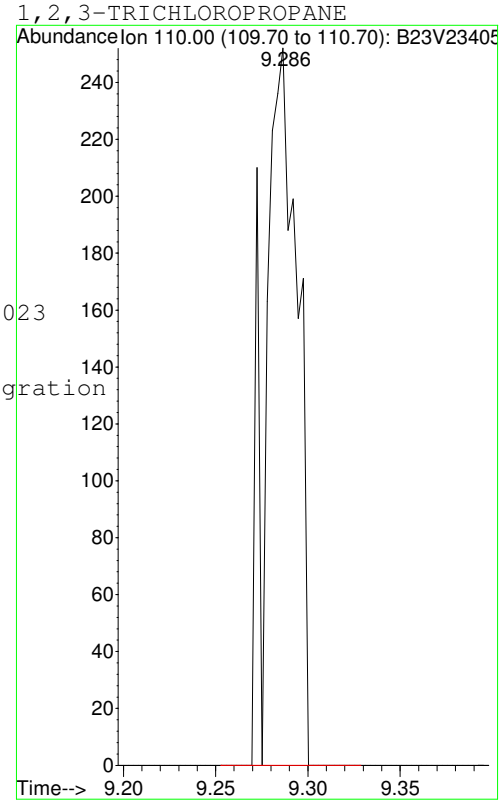
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

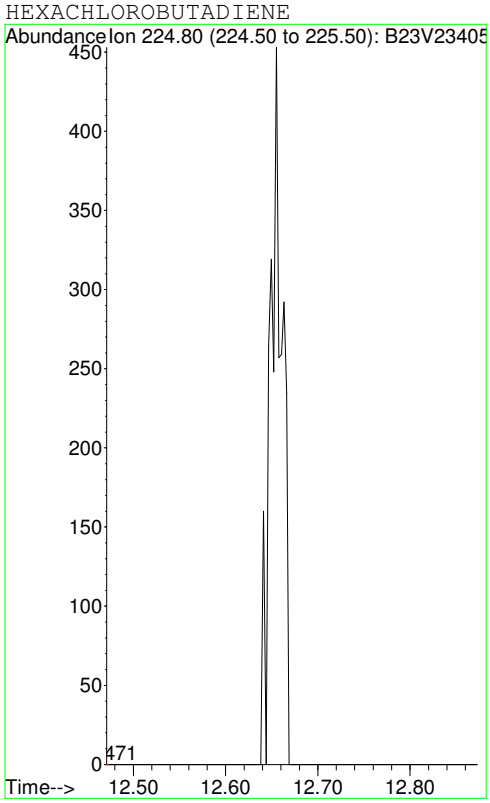
Tue Aug 22 12:51:23 2023

MIuser: LBD
Reason: Incorret Integration
RT : 9.29
Area : 301
Amount: 0.345455

Manual Integration
1,2,3-TRICHLOROPROPANE



Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

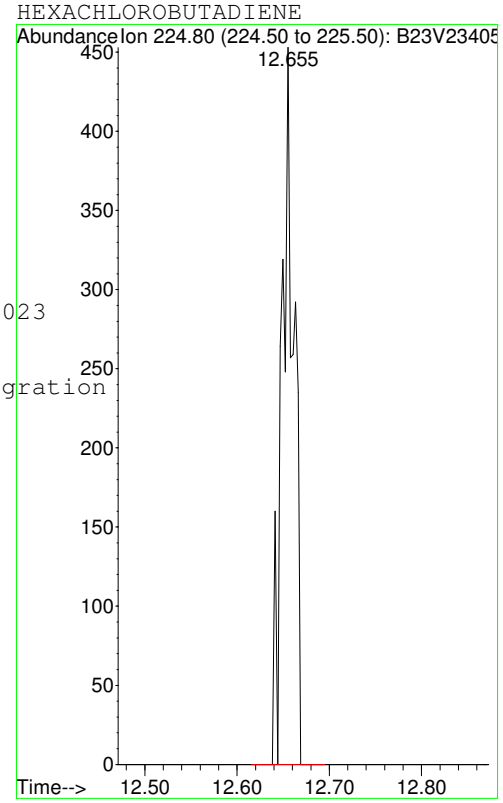
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 12:52:12 2023

MIuser: LBD
Reason: Incorret Integration
RT : 12.65
Area : 416
Amount: 0.430859

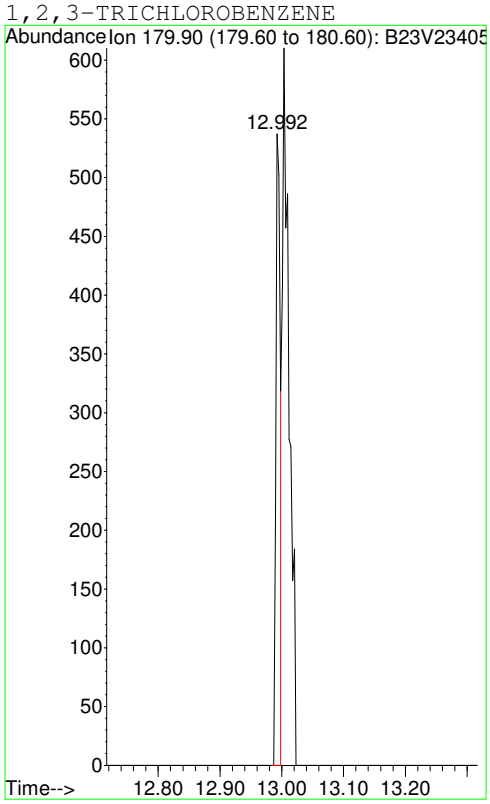
Manual Integration
HEXACHLOROBUTADIENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23405.D
Acq On : 22 Aug 2023 12:25 pm
Operator :
Sample : 8260 STD 0.4 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 12:52:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
1,2,3-TRICHLOROBENZENE



Original Int. Results

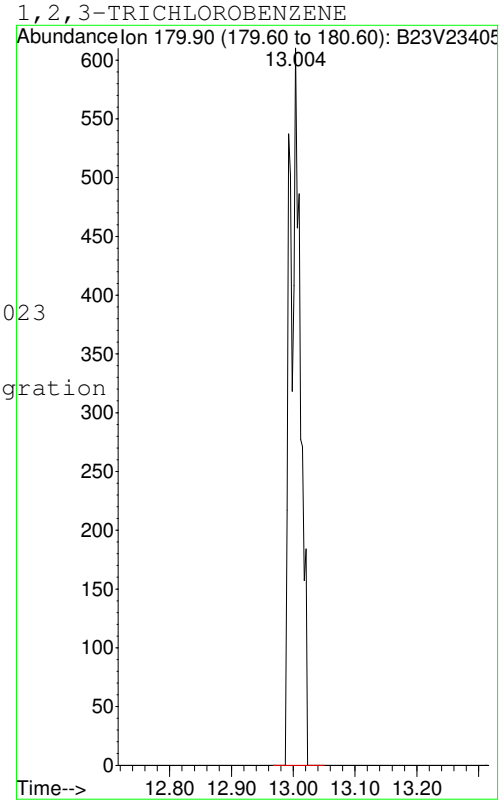
RT : 12.99
Area : 263
Amount: 0.160947

Manual Int. Results

Tue Aug 22 12:52:17 2023

MIuser: LBD
Reason: Incorret Integration
RT : 13.00
Area : 740
Amount: 0.452855

Manual Integration
1,2,3-TRICHLOROBENZENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:12:19 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.977	168	141474	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.730	114	239102	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	126732	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	136427	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	72217	23.99	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.96%				
45) TOLUENE-D8 SS	6.266	98	250038	27.22	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.88%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	100398	29.00	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.015	85	948	0.36	UG/L	#	43
4) DIFLUOROCHLOROMETHANE	1.024	51	1564	0.44	UG/L		95
5) CHLOROMETHANE	1.121	50	1957	0.43	UG/L		93
6) VINYL CHLORIDE	1.174	62	1227	0.31	UG/L	#	43
7) BROMOMETHANE	1.353	94	1269	0.34	UG/L		87
8) CHLOROETHANE	1.414	64	743	0.27	UG/L		89
9) FLUORODICHLOROMETHANE	1.520	67	1636	0.26	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.554	101	1187	0.19	UG/L		98
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.721	59	685	0.34	UG/L	#	21
13) ACROLEIN	1.819	56	2494	4.29	UG/L	#	99
14) ACETONE	1.919	43	4225m	3.74	UG/L		
15) 1,1-DICHLOROETHENE	1.872	61	1375	0.28	UG/L	#	75
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	638	0.20	UG/L		99
17) IODOMETHANE	1.980	142	8793	1.44	UG/L		95
18) METHYL ACETATE	0.000		0	N.D.	d		
19) T-BUTYL ALCOHOL	2.318	59	1228	4.67	UG/L	#	54
20) ACRYLONITRILE	2.438	53	327m	0.33	UG/L		
21) METHYLENE CHLORIDE	2.223	49	1768	0.37	UG/L		96
22) CARBON DISULFIDE	2.025	76	23144	2.58	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.432	73	2288	0.37	UG/L	#	88
24) TRANS 1,2-DICHLOROETHENE	2.435	61	1329	0.40	UG/L	#	65
25) 1,1-DICHLOROETHANE	2.820	63	1714	0.39	UG/L	#	52
26) VINYL ACETATE	2.878	43	29588	5.16	UG/L		98
27) DI ISOPROPYL ETHER	2.881	45	3964	0.44	UG/L	#	100
28) 2-BUTANONE	3.453	43	6259	4.88	UG/L	#	89
29) T-BUTYL ETHYL ETHER	3.252	59	2923	0.42	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.411	61	1588	0.40	UG/L	#	73
31) 2,2-DICHLOROPROPANE	3.400	77	1363	0.39	UG/L	#	48
32) ETHYL ACETATE	0.000		0	N.D.			
33) BROMOCHLOROMETHANE	3.656	128	342m	0.32	UG/L		
34) TETRAHYDROFURAN	0.000		0	N.D.			
35) T-BUTYL FORMATE	0.000		0	N.D.			
36) CHLOROFORM	3.751	83	1477	0.35	UG/L		96
37) 1,1,1-TRICHLOROETHANE	3.913	97	1269m	0.33	UG/L		
38) CYCLOHEXANE	3.974	56	4729	1.03	UG/L	#	57
39) CARBON TETRACHLORIDE	4.080	117	1551	0.43	UG/L	#	80
40) 1,1-DICHLOROPROPENE	4.089	75	1349	0.42	UG/L	#	42
41) BENZENE	4.309	78	3694	0.42	UG/L		96
42) T-AMYL ALCOHOL	0.000		0	N.D.			
43) T-AMYLMETHYL ETHER	4.445	73	2529	0.42	UG/L	#	81
46) 1,2-DICHLOROETHANE	4.345	62	1034	0.27	UG/L	#	48
47) TRICHLOROETHENE	4.981	95	901	0.34	UG/L		94
48) METHYLCYCLOHEXANE	5.162	83	1629	0.39	UG/L	#	80
49) 1,2-DICHLOROPROPANE	5.232	63	950m	0.05	UG/L		
50) DIBROMOMETHANE	5.352	93	475m	0.27	UG/L		
51) 1,4-DIOXANE	0.000		0	N.D.			
52) BROMODICHLOROMETHANE	5.527	83	1152	0.32	UG/L	#	26

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 6 Sample Multiplier: 1

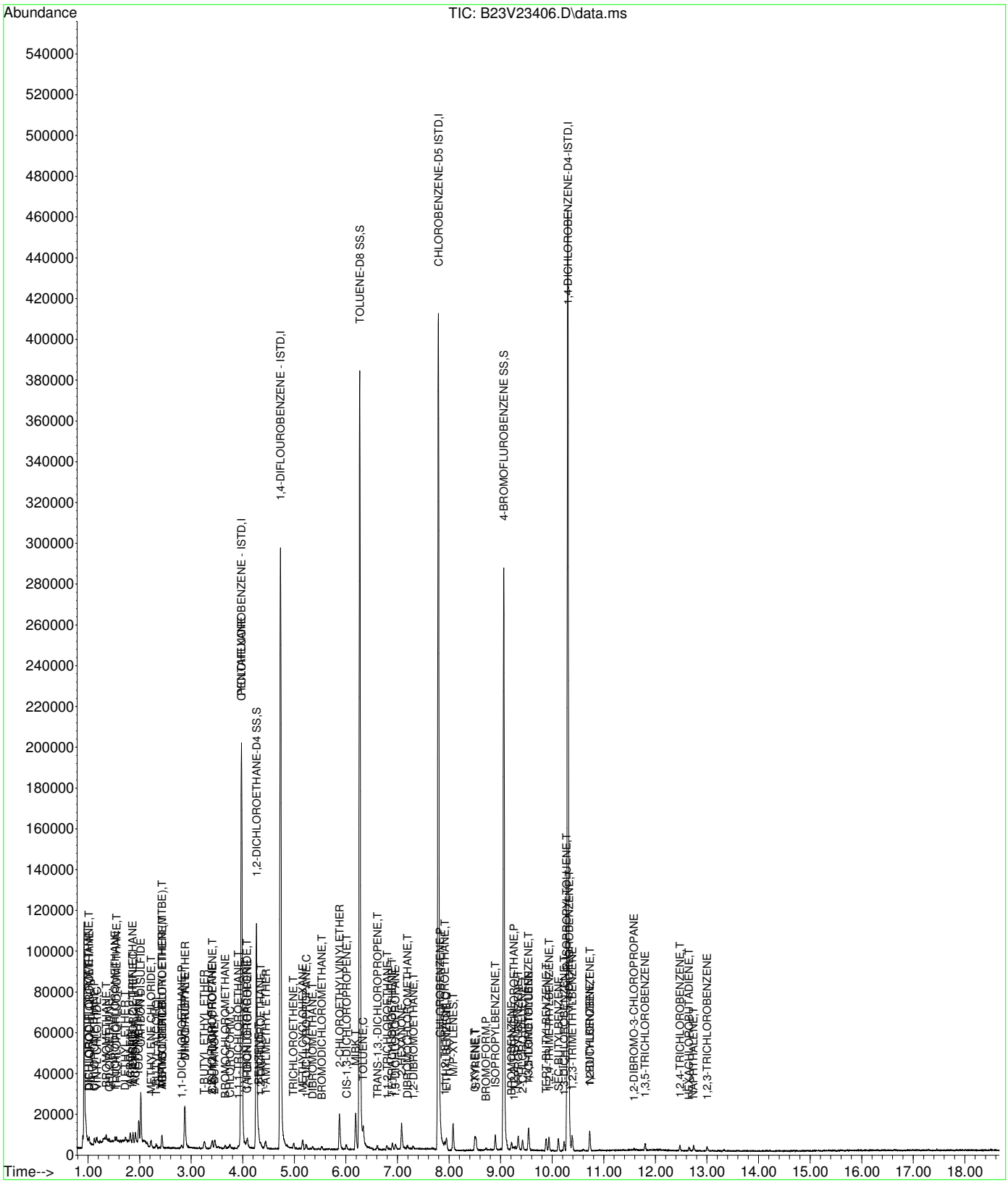
Quant Time: Aug 22 13:12:19 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.876	63	7139	4.08 UG/L	98
54) MIBK	6.188	43	12969	4.40 UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.010	75	1449	0.36 UG/L #	20
56) TOLUENE	6.333	91	4285	0.44 UG/L	97
57) TRANS-1,3,-DICHLOROPRO...	6.612	75	1176	0.36 UG/L #	74
58) ETHYL METHACRYLATE	0.000		0	N.D. d	
59) 1,1,2-TRICHLOROETHANE	6.799	97	756	0.39 UG/L #	64
60) 2-HEXANONE	7.081	43	9628	4.77 UG/L	94
61) TETRACHLOROETHENE	6.894	164	762	0.38 UG/L	97
62) 1,3-DICHLOROPROPANE	6.958	76	1308	0.39 UG/L #	78
63) DIBROMOCHLOROMETHANE	7.192	129	970	0.40 UG/L	93
64) 1,2-DIBROMOETHANE	7.307	107	828	0.40 UG/L #	85
67) CHLOROBENZENE	7.823	112	2808	0.39 UG/L #	48
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	877	0.37 UG/L #	68
69) ETHYLBENZENE	7.951	91	4772	0.39 UG/L	100
70) M/P-XYLENES	8.079	91	8026	0.80 UG/L	97
71) 0-XYLENE	8.495	91	3988	0.42 UG/L	97
72) STYRENE	8.517	104	3071	0.39 UG/L #	41
73) BROMOFORM	8.715	173	423m	0.23 UG/L	
74) ISOPROPYLBENZENE	8.896	105	5201	0.45 UG/L	95
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	1137	0.36 UG/L #	94
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.	
78) BROMOBENZENE	9.208	77	1669	0.39 UG/L	94
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.	
80) N-PROPYLBENZENE	9.342	91	6209	0.45 UG/L	99
81) 2-CHLOROT0LUENE	9.423	91	3581	0.44 UG/L	99
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	4199	0.43 UG/L	100
83) 4-CHLOROTOLUENE	9.543	91	4207	0.45 UG/L	96
85) TERT-BUTYLBENZENE	9.881	119	3757	0.45 UG/L #	83
86) 1,2,4-TRIMETHYLBENZENE	9.942	105	4290	0.43 UG/L	95
87) SEC-BUTYLBENZENE	10.120	105	5235	0.43 UG/L	97
88) 1,3-DICHLOROBENZENE	10.232	146	2338	0.43 UG/L	96
89) P-ISOPROPYLTOLUENE	10.279	119	4685	0.45 UG/L	97
90) 1,4-DICHLOROBENZENE	10.330	146	2576	0.43 UG/L #	67
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	4466	0.45 UG/L #	100
92) N-BUTYLBENZENE	10.726	91	3662	0.40 UG/L	98
93) 1,2-DICHLOROBENZENE	10.731	146	2069	0.39 UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	60m	0.14 UG/L	
95) 1,3,5-TRICHLOROBENZENE	11.799	180	1516	0.53 UG/L	90
96) 1,2,4-TRICHLOROBENZENE	12.474	180	1226	0.58 UG/L #	85
97) HEXACHLOROBUTADIENE	12.650	225	492m	0.51 UG/L	
98) NAPHTHALENE	12.736	128	2935	0.54 UG/L #	69
99) 1,2,3-TRICHLOROBENZENE	12.998	180	1022	0.62 UG/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 6 Sample Multiplier: 1

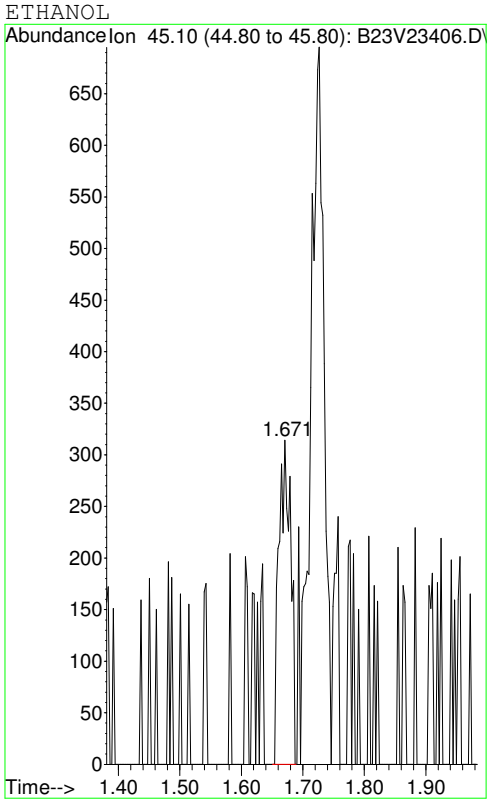
Quant Time: Aug 22 13:12:19 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

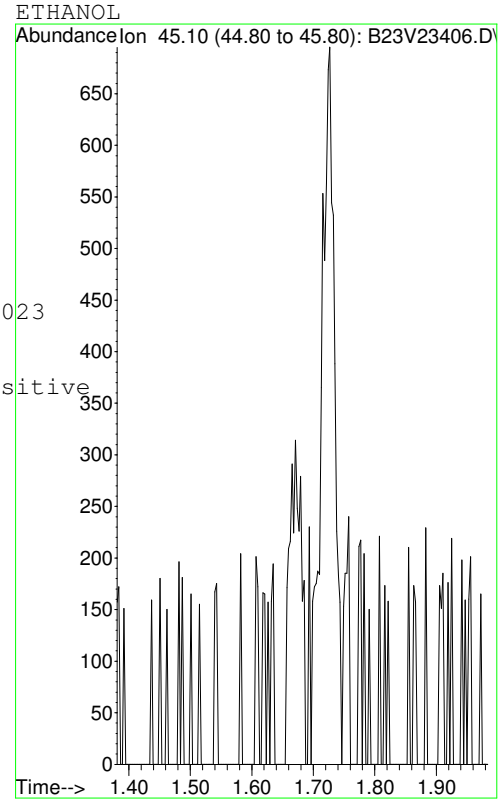
RT : 1.67
Area : 421
Amount: 8.9735

Manual Int. Results

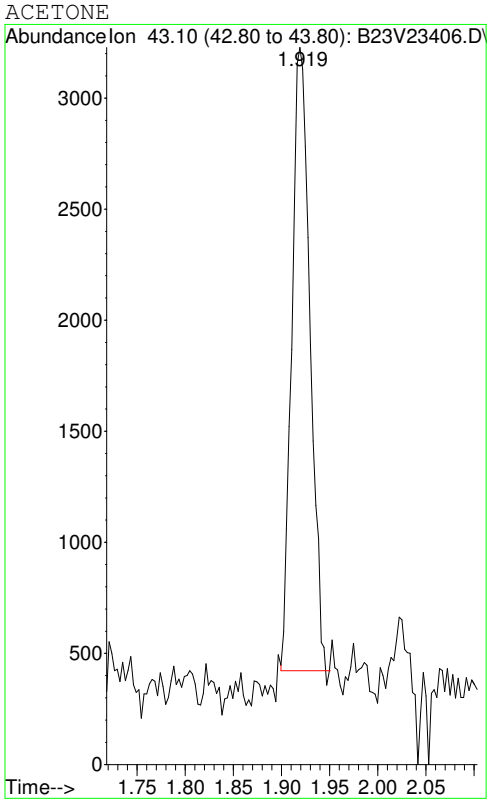
Tue Aug 22 13:12:35 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ACETONE



Original Int. Results

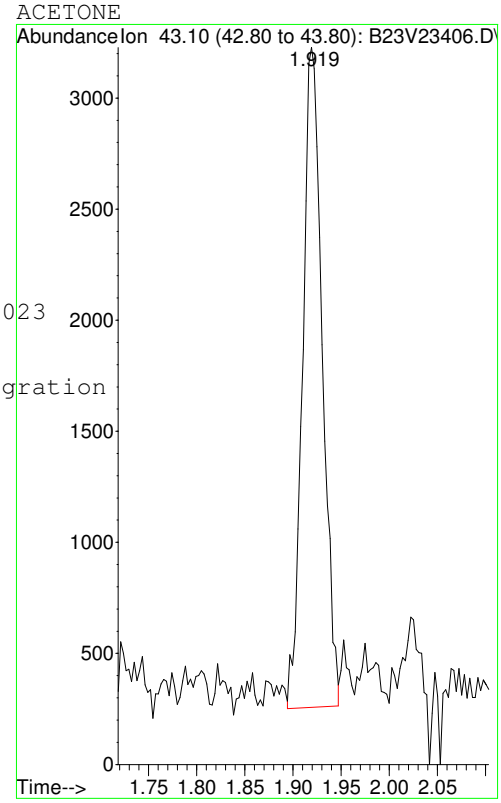
RT : 1.92
Area : 3686
Amount: 3.26228

Manual Int. Results

Tue Aug 22 13:12:51 2023

MIuser: LBD
Reason: Incorret Integration
RT : 1.92
Area : 4225
Amount: 3.73932

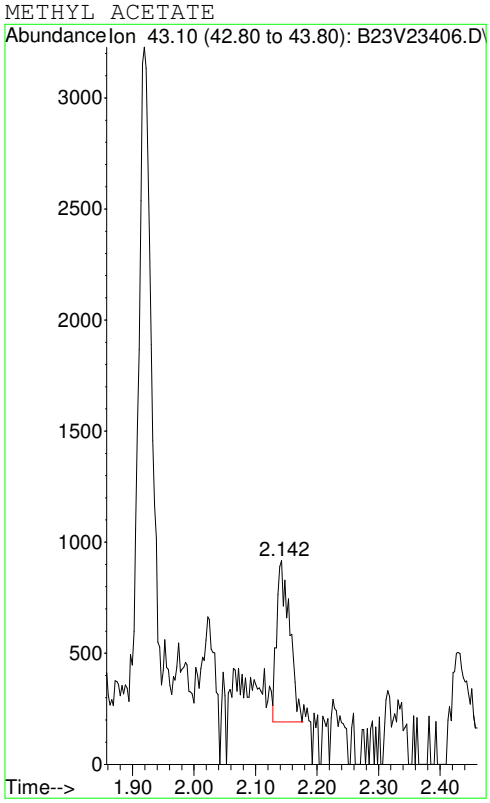
Manual Integration
ACETONE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
METHYL ACETATE



Original Int. Results

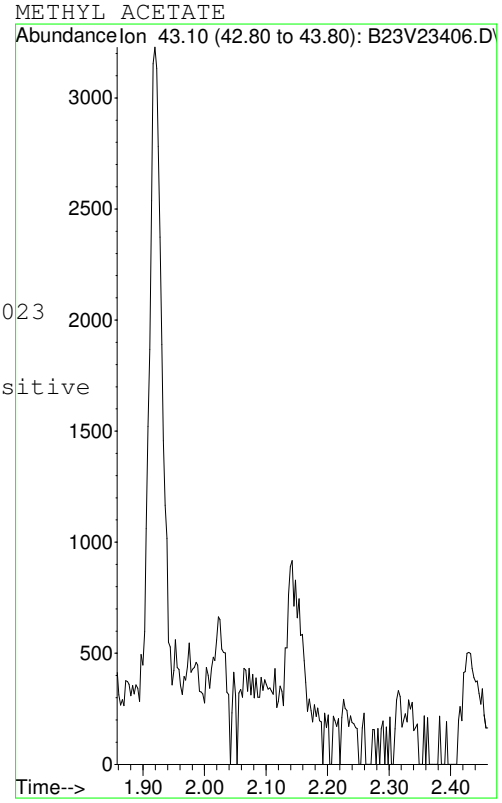
RT : 2.14
Area : 1052
Amount: 0.345423

Manual Int. Results

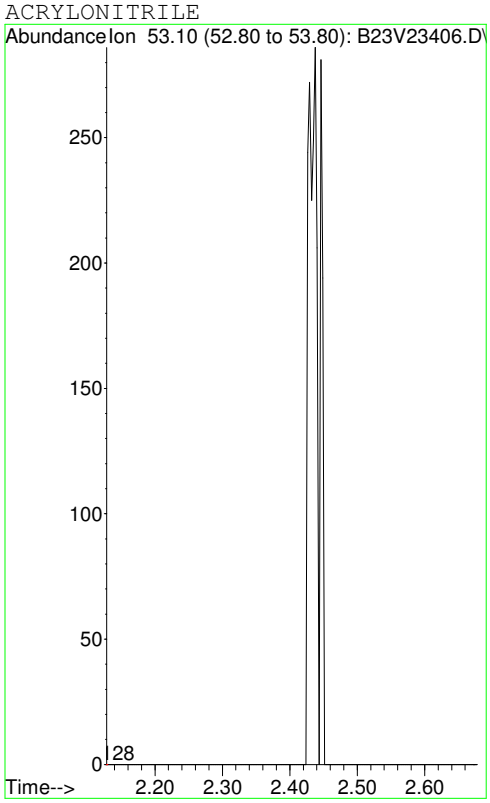
Tue Aug 22 13:13:02 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
METHYL ACETATE



Original Integration
ACRYLONITRILE



Original Int. Results

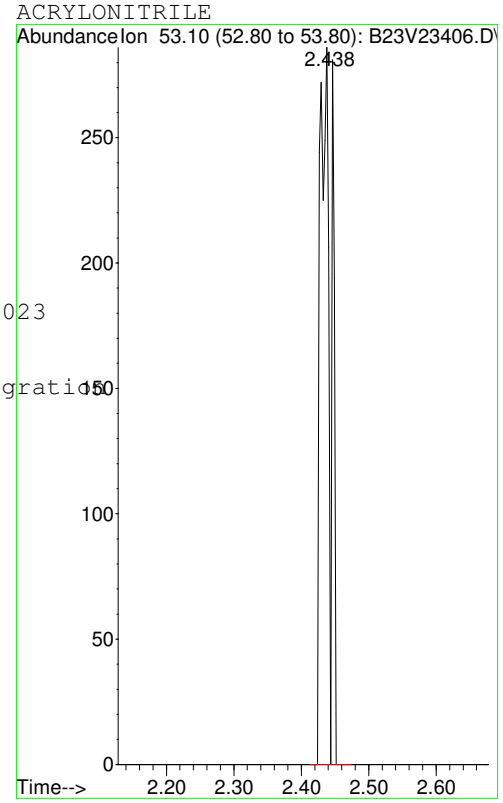
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:13:09 2023

MIuser: LBD
Reason: Incorret Integration
RT : 2.44
Area : 327
Amount: 0.333815

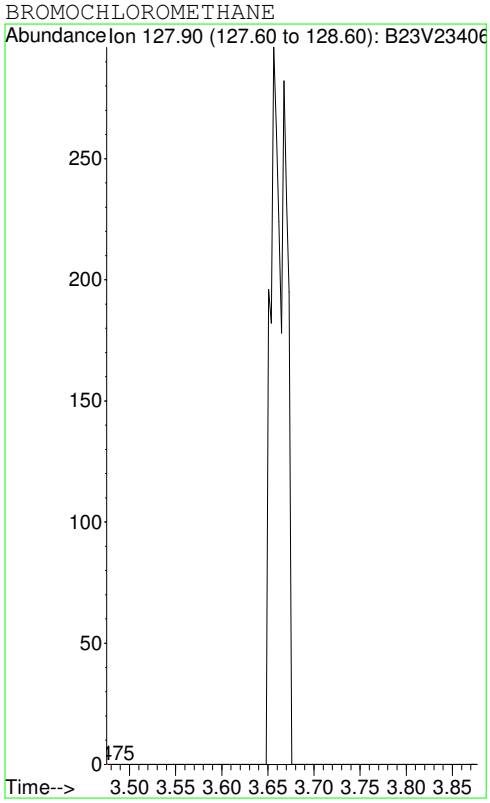
Manual Integration
ACRYLONITRILE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
BROMOCHLOROMETHANE



Original Int. Results

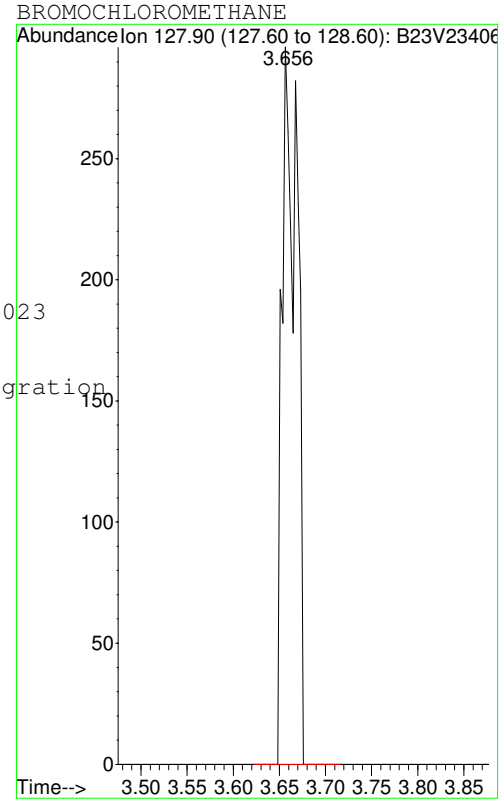
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

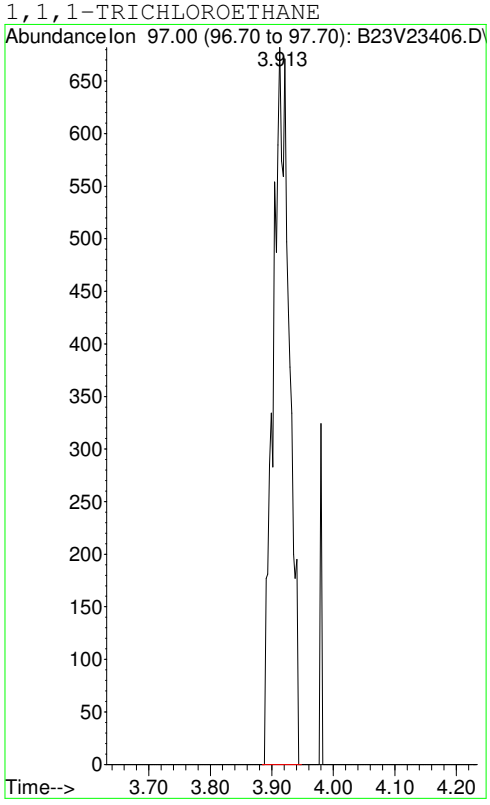
Tue Aug 22 13:13:27 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.66
Area : 342
Amount: 0.322071

Manual Integration
BROMOCHLOROMETHANE



Original Integration
1,1,1-TRICHLOROETHANE



Original Int. Results

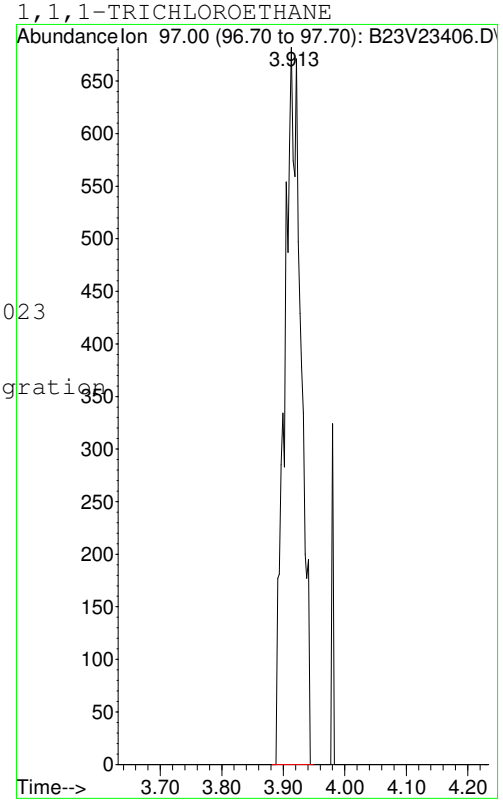
RT : 3.91
Area : 1269
Amount: 0.329776

Manual Int. Results

Tue Aug 22 13:13:43 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.91
Area : 1269
Amount: 0.329776

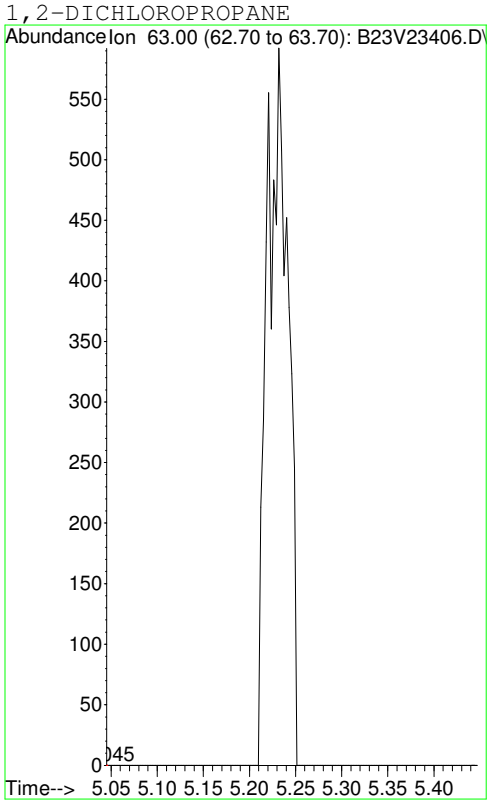
Manual Integration
1,1,1-TRICHLOROETHANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
1,2-DICHLOROPROPANE



Original Int. Results

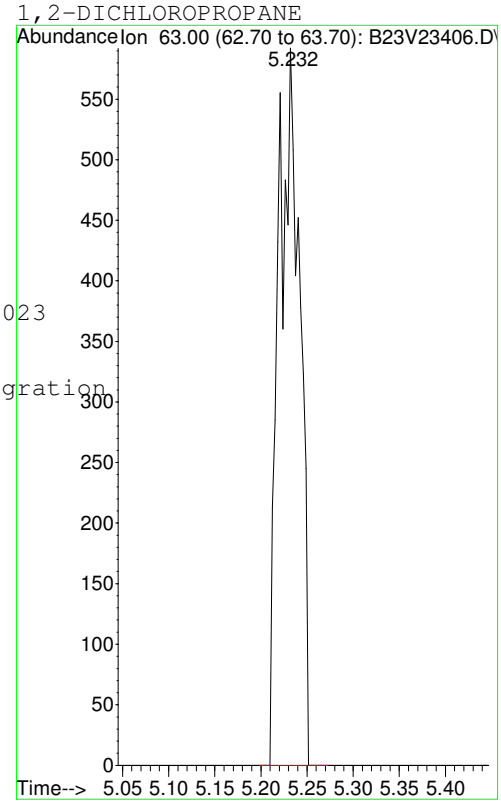
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

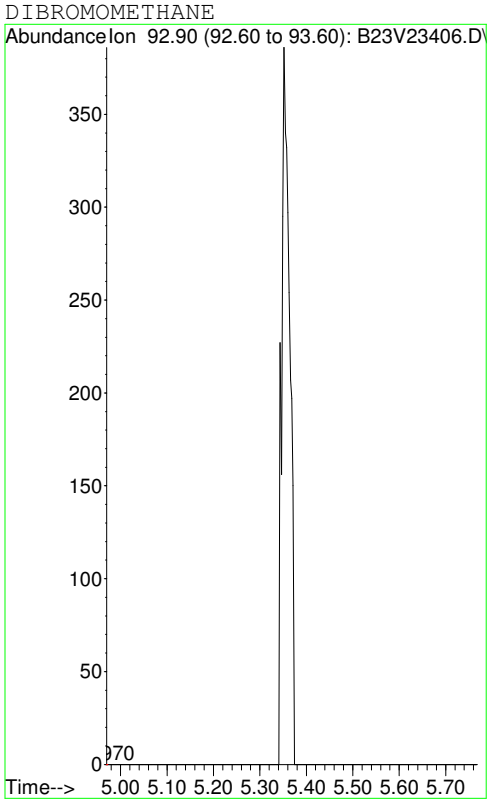
Tue Aug 22 13:14:03 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.23
Area : 950
Amount: 0.0541717

Manual Integration
1,2-DICHLOROPROPANE



Original Integration
DIBROMOMETHANE



Original Int. Results

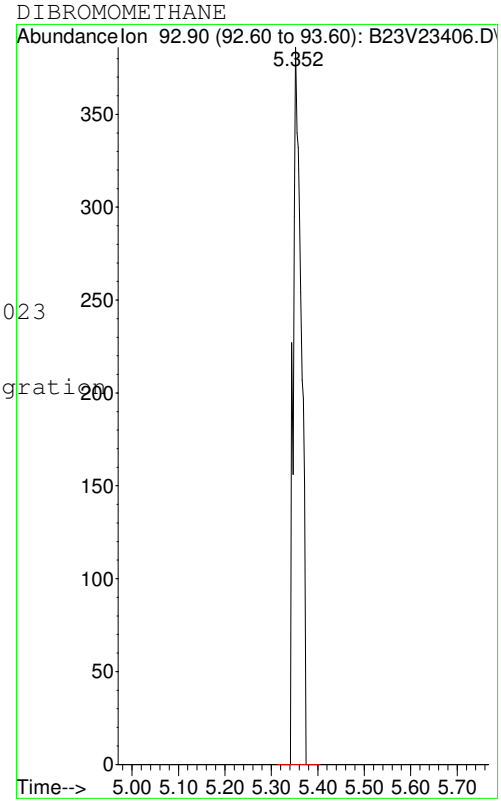
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:14:10 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.35
Area : 475
Amount: 0.27055

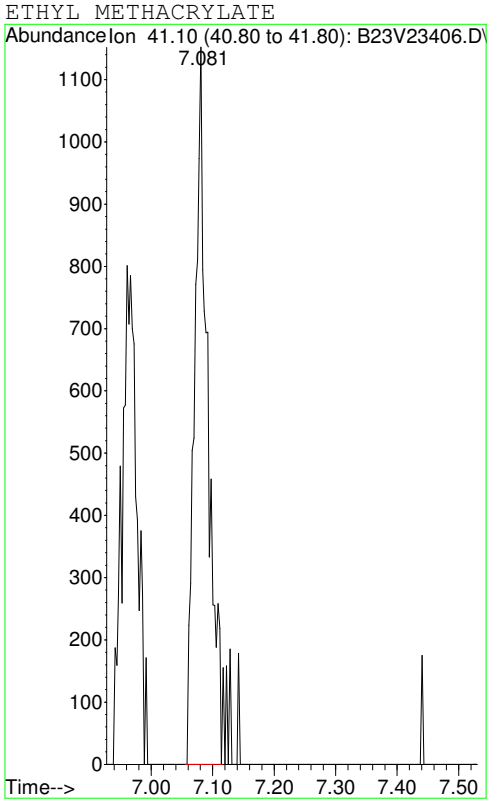
Manual Integration
DIBROMOMETHANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

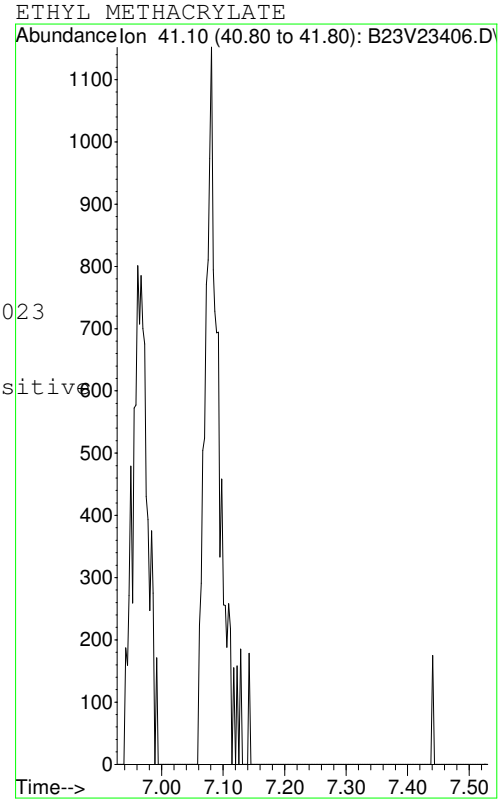
RT : 7.08
Area : 1694
Amount: 0

Manual Int. Results

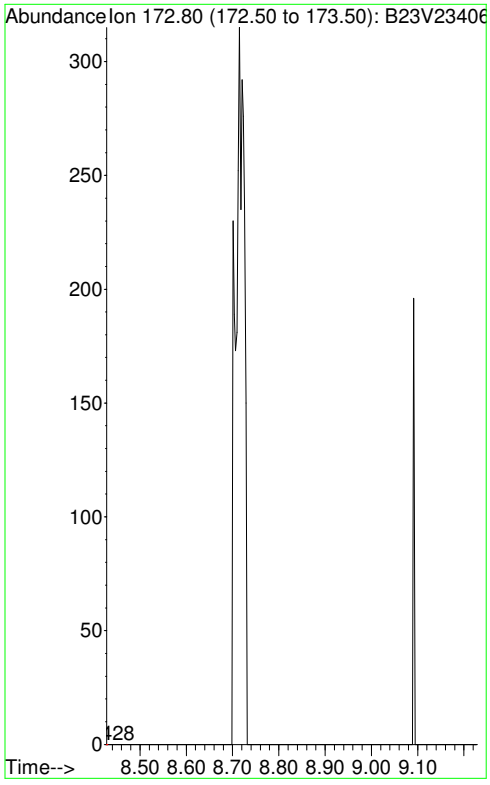
Tue Aug 22 13:14:27 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
BROMOFORM



Original Int. Results

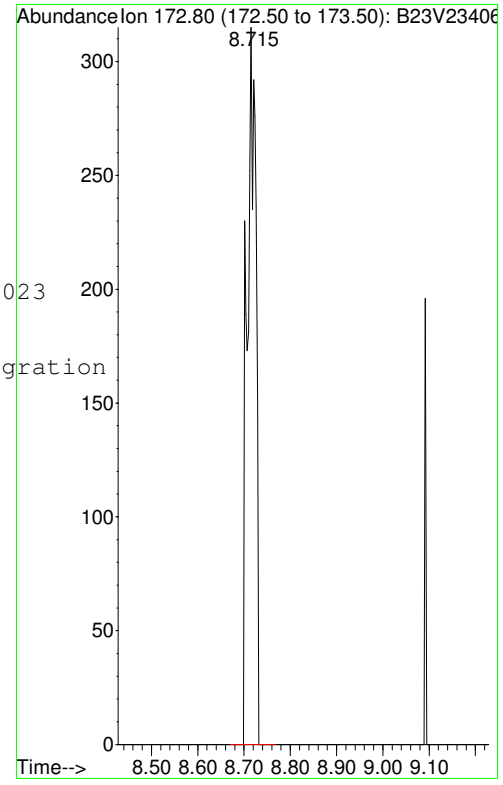
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:14:48 2023

MIuser: LBD
Reason: Incorret Integration
RT : 8.71
Area : 423
Amount: 0.22713

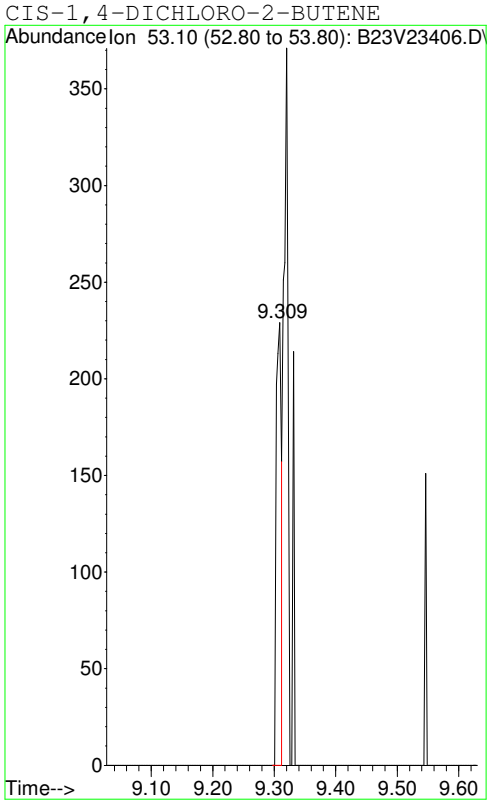
Manual Integration
BROMOFORM



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

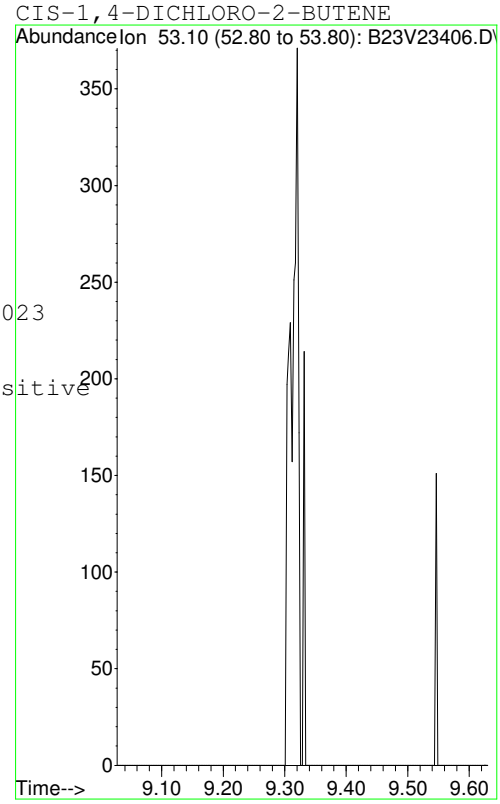
RT : 9.31
Area : 133
Amount: 0

Manual Int. Results

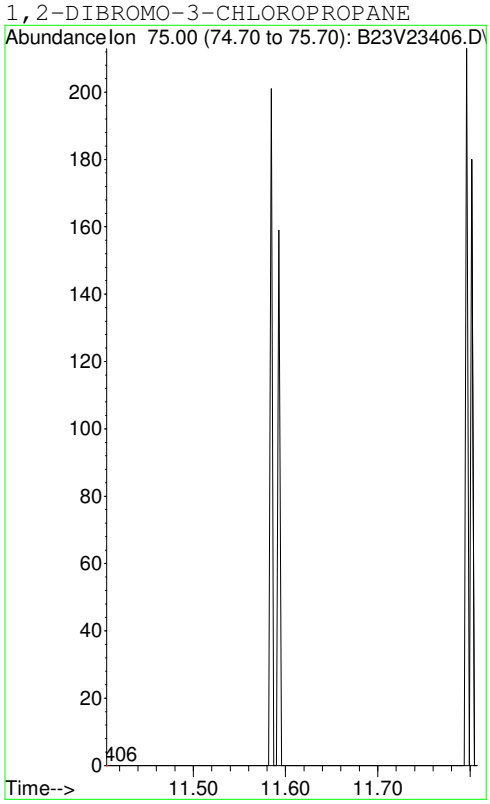
Tue Aug 22 13:14:54 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

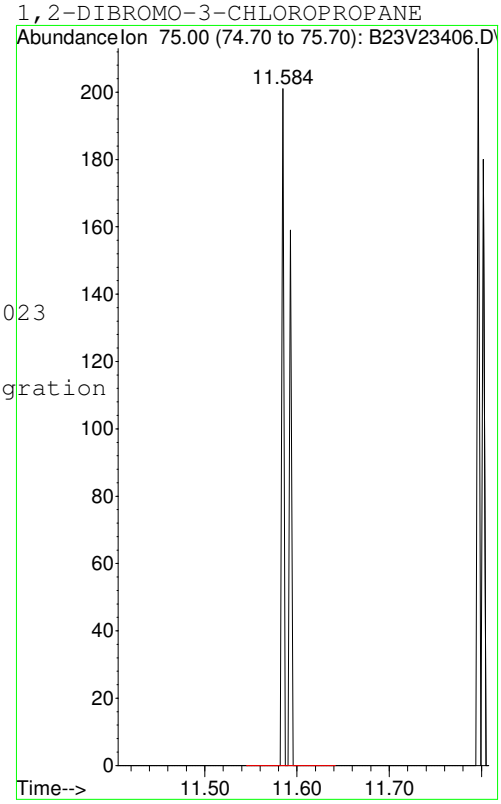
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:15:27 2023

MIuser: LBD
Reason: Incorret Integration
RT : 11.58
Area : 60
Amount: 0.141424

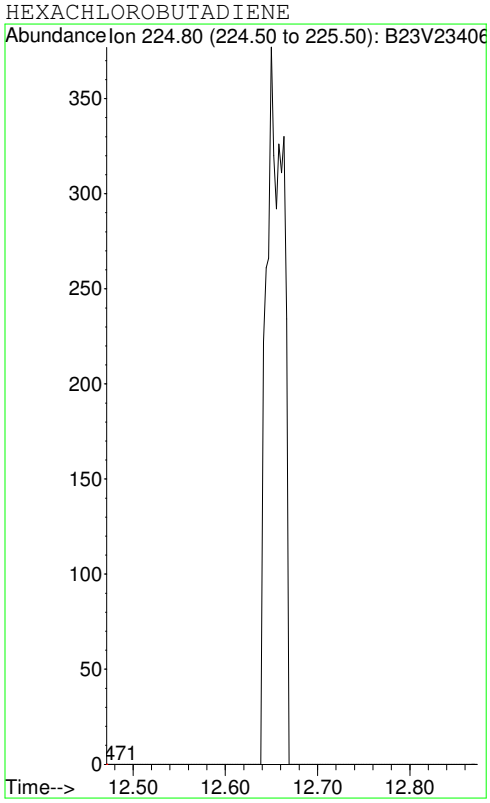
Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23406.D
Acq On : 22 Aug 2023 12:51 pm
Operator :
Sample : 8260 STD 0.5 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:15:34 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
HEXACHLOROBUTADIENE



Original Int. Results

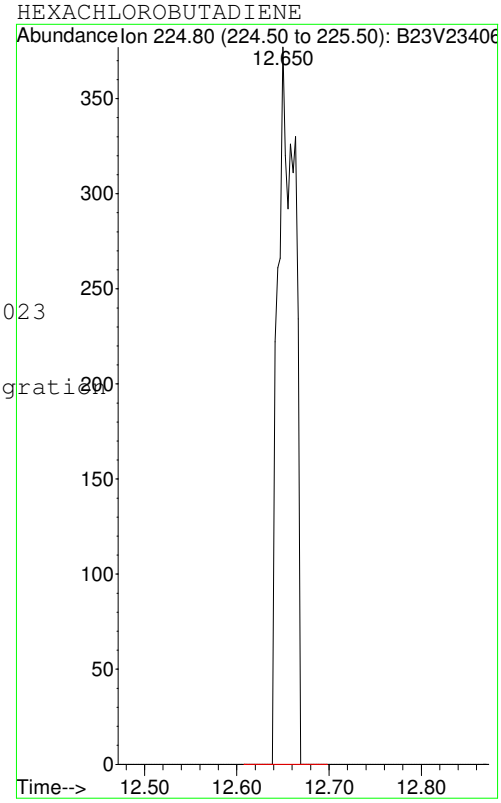
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:15:34 2023

MIuser: LBD
Reason: Incorret Integration
RT : 12.65
Area : 492
Amount: 0.508106

Manual Integration
HEXACHLOROBUTADIENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 13:38:13 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	139449	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.730	114	236771	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127913	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	138575	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73088	24.64	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%				
45) TOLUENE-D8 SS	6.266	98	251281	27.62	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.48%				
66) 4-BROMOFLUROBENZENE SS	9.058	95	101529	29.06	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.24%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	2075	0.81	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.024	51	3331	0.96	UG/L		98
5) CHLOROMETHANE	1.116	50	4342	0.97	UG/L		97
6) VINYL CHLORIDE	1.174	62	2687	0.68	UG/L		98
7) BROMOMETHANE	1.353	94	1915	0.52	UG/L		97
8) CHLOROETHANE	1.411	64	1789	0.65	UG/L		89
9) FLUORODICHLOROMETHANE	1.520	67	3532	0.56	UG/L		89
10) TRICHLOROFLUOROMETHANE	1.551	101	2530	0.41	UG/L		92
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	1574	0.78	UG/L	#	68
13) ACROLEIN	1.819	56	5335	9.31	UG/L	#	76
14) ACETONE	1.922	43	8272	7.43	UG/L		97
15) 1,1-DICHLOROETHENE	1.871	61	2944	0.60	UG/L		90
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	1633	0.52	UG/L		96
17) IODOMETHANE	1.983	142	21047	3.50	UG/L		95
18) METHYL ACETATE	2.148	43	2273	0.76	UG/L	#	78
19) T-BUTYL ALCOHOL	2.323	59	2633	10.16	UG/L	#	86
20) ACRYLONITRILE	2.432	53	875	0.91	UG/L	#	74
21) METHYLENE CHLORIDE	2.220	49	3797	0.80	UG/L		99
22) CARBON DISULFIDE	2.022	76	50015	5.66	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.435	73	5409	0.89	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.429	61	3110	0.95	UG/L		93
25) 1,1-DICHLOROETHANE	2.817	63	3771	0.87	UG/L	#	91
26) VINYL ACETATE	2.875	43	67051	11.85	UG/L		99
27) DI ISOPROPYL ETHER	2.875	45	8916	1.01	UG/L	#	97
28) 2-BUTANONE	3.450	43	12851	10.16	UG/L		94
29) T-BUTYL ETHYL ETHER	3.255	59	7157	1.05	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.405	61	3413	0.86	UG/L		93
31) 2,2-DICHLOROPROPANE	3.402	77	2980	0.86	UG/L	#	82
32) ETHYL ACETATE	0.000		0	N.D.			
33) BROMOCHLOROMETHANE	3.662	128	928	0.89	UG/L		87
34) TETRAHYDROFURAN	3.715	42	990	1.15	UG/L	#	33
35) T-BUTYL FORMATE	0.000		0	N.D.			
36) CHLOROFORM	3.748	83	3216	0.77	UG/L		98
37) 1,1,1-TRICHLOROETHANE	3.913	97	3071	0.81	UG/L	#	90
38) CYCLOHEXANE	3.952	56	7318	1.62	UG/L	#	45
39) CARBON TETRACHLORIDE	4.080	117	3138	0.88	UG/L		90
40) 1,1-DICHLOROPROPENE	4.088	75	2802	0.88	UG/L	#	70
41) BENZENE	4.309	78	7876	0.90	UG/L		100
42) T-AMYL ALCOHOL	0.000		0	N.D.			
43) T-AMYLMETHYL ETHER	4.437	73	5825	0.99	UG/L		95
46) 1,2-DICHLOROETHANE	4.342	62	2744	0.72	UG/L	#	92
47) TRICHLOROETHENE	4.986	95	2085	0.79	UG/L		94
48) METHYLCYCLOHEXANE	5.159	83	3617	0.87	UG/L	#	81
49) 1,2-DICHLOROPROPANE	5.232	63	2251	0.13	UG/L		93
50) DIBROMOMETHANE	5.349	93	1189	0.68	UG/L		97
51) 1,4-DIOXANE	0.000		0	N.D.			
52) BROMODICHLOROMETHANE	5.530	83	2688	0.76	UG/L	#	95

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 7 Sample Multiplier: 1

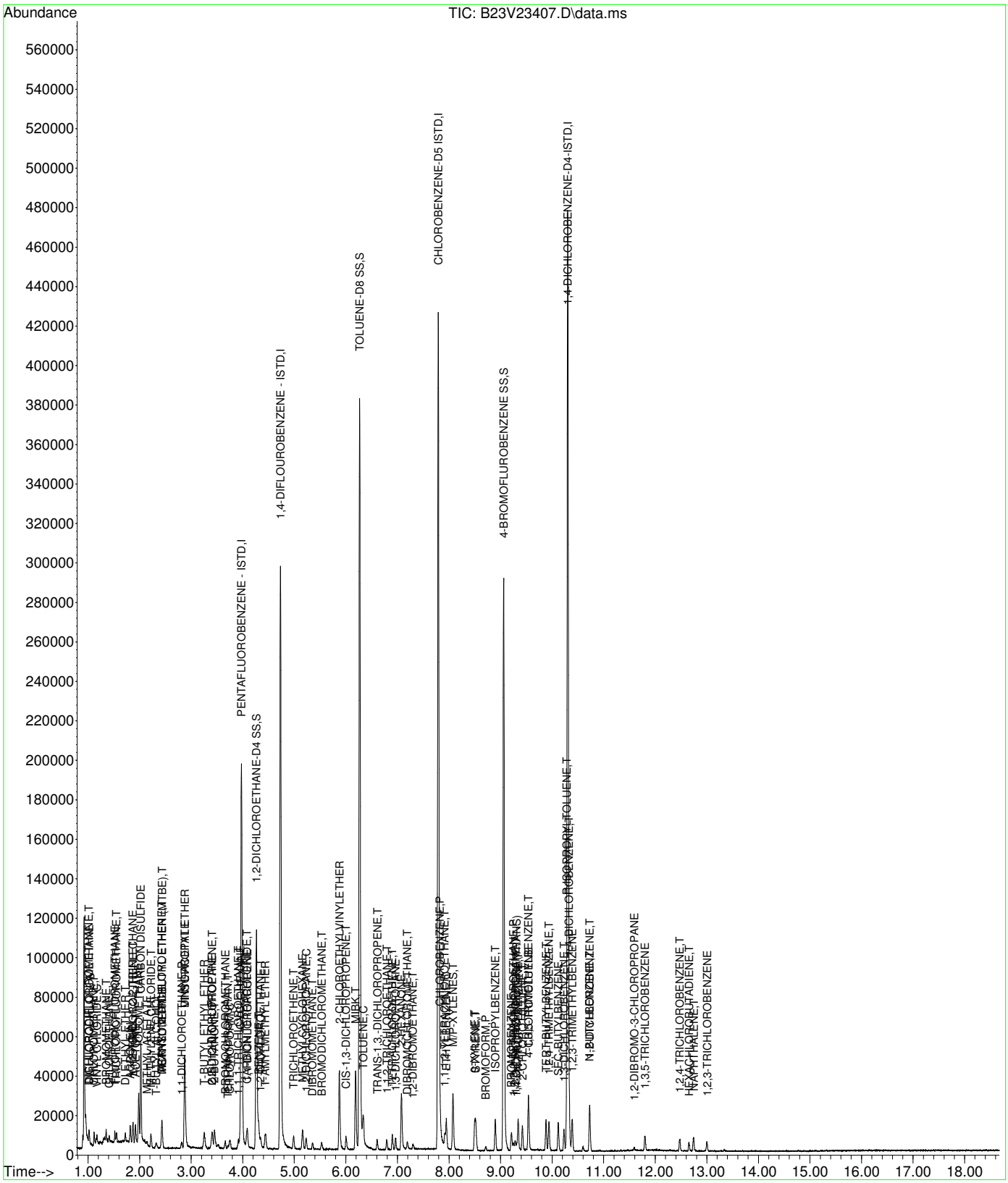
Quant Time: Aug 22 13:38:13 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.876	63	16133	9.31 UG/L		96
54) MIBK	6.188	43	28692	9.84 UG/L		99
55) CIS-1,3-DICHLOROPROPENE	6.001	75	3381	0.85 UG/L		98
56) TOLUENE	6.339	91	9460	0.98 UG/L		96
57) TRANS-1,3,-DICHLOROPRO...	6.612	75	2808	0.86 UG/L		87
58) ETHYL METHACRYLATE	0.000		0	N.D. d		
59) 1,1,2-TRICHLOROETHANE	6.793	97	1819	0.94 UG/L		90
60) 2-HEXANONE	7.078	43	21635	10.82 UG/L		98
61) TETRACHLOROETHENE	6.899	164	1900	0.94 UG/L		96
62) 1,3-DICHLOROPROPANE	6.964	76	3196	0.97 UG/L		95
63) DIBROMOCHLOROMETHANE	7.192	129	2108	0.87 UG/L		99
64) 1,2-DIBROMOETHANE	7.298	107	2016	0.99 UG/L	#	92
67) CHLOROBENZENE	7.820	112	6494	0.89 UG/L	#	47
68) 1,1,1,2-TETRACHLOROETHANE	7.914	131	2042	0.84 UG/L	#	86
69) ETHYLBENZENE	7.948	91	11178	0.91 UG/L		97
70) M/P-XYLENES	8.079	91	17910	1.78 UG/L		100
71) 0-XYLENE	8.495	91	8968	0.92 UG/L		99
72) STYRENE	8.517	104	6983	0.88 UG/L	#	88
73) BROMOFORM	8.709	173	1449	0.77 UG/L	#	91
74) ISOPROPYLBENZENE	8.896	105	11293	0.97 UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d		
76) 1,1,2,2-TETRACHLOROETHANE	9.247	83	2607	0.81 UG/L	#	95
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	784	0.73 UG/L	#	42
78) BROMOBENZENE	9.206	77	4274	0.98 UG/L		97
79) 1,2,3-TRICHLOROPROPANE	9.289	110	764	0.87 UG/L		77
80) N-PROPYLBENZENE	9.339	91	13055	0.94 UG/L		96
81) 2-CHLOROT0LUENE	9.426	91	7789	0.96 UG/L		98
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	9626	0.98 UG/L		96
83) 4-CHLOROTOLUENE	9.546	91	9236	0.98 UG/L		96
85) TERT-BUTYLBENZENE	9.880	119	8407	1.00 UG/L		94
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	9084	0.90 UG/L		95
87) SEC-BUTYLBENZENE	10.117	105	11464	0.93 UG/L		98
88) 1,3-DICHLOROBENZENE	10.229	146	5332	0.97 UG/L		97
89) P-ISOPROPYLTOLUENE	10.282	119	10344	0.98 UG/L		96
90) 1,4-DICHLOROBENZENE	10.327	146	5693	0.94 UG/L	#	72
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	10191	1.02 UG/L	#	100
92) N-BUTYLBENZENE	10.723	91	8622	0.92 UG/L		98
93) 1,2-DICHLOROBENZENE	10.728	146	5019	0.94 UG/L		94
94) 1,2-DIBROMO-3-CHLOROPR...	11.593	75	399m	0.93 UG/L		
95) 1,3,5-TRICHLOROBENZENE	11.802	180	3295	1.13 UG/L		94
96) 1,2,4-TRICHLOROBENZENE	12.471	180	2788	1.30 UG/L		97
97) HEXACHLOROBUTADIENE	12.652	225	1277	1.30 UG/L	#	82
98) NAPHTHALENE	12.747	128	7067	1.27 UG/L		99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	2312	1.39 UG/L	#	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 7 Sample Multiplier: 1

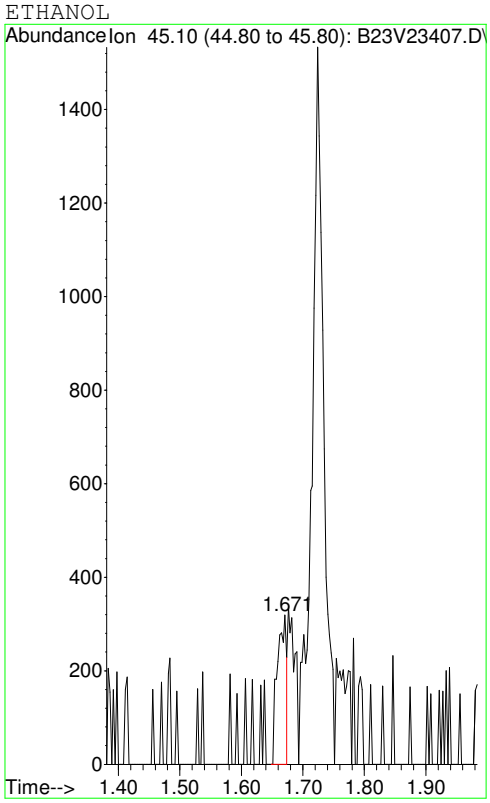
Quant Time: Aug 22 13:38:13 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:40:23 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

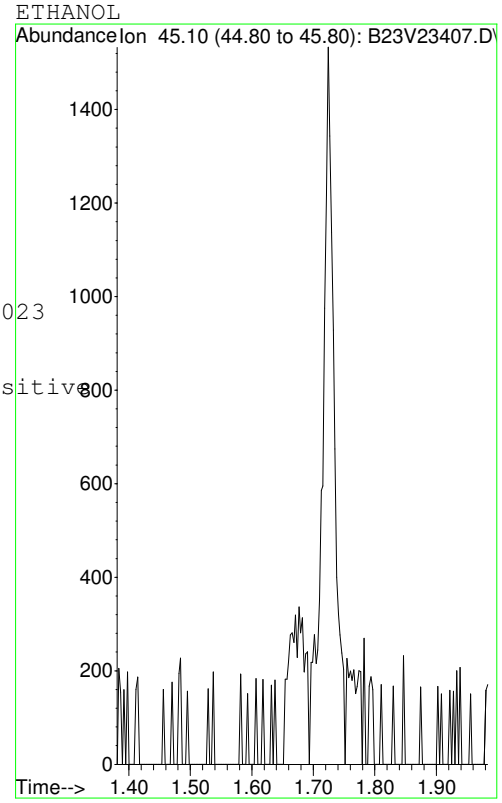
RT : 1.67
Area : 326
Amount: 7.04951

Manual Int. Results

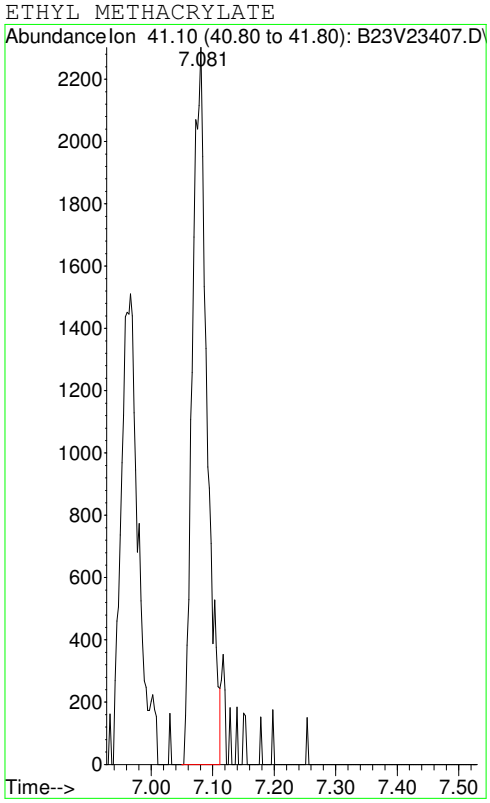
Tue Aug 22 13:38:25 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ETHYL METHACRYLATE



Original Int. Results

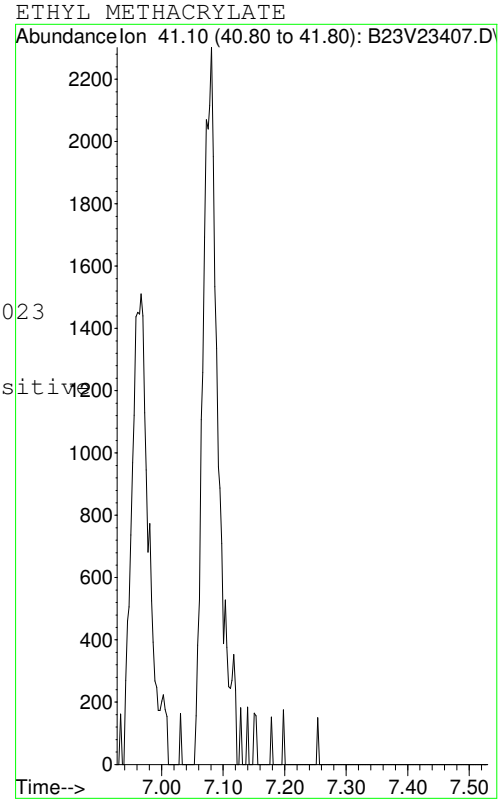
RT : 7.08
Area : 3817
Amount: 0

Manual Int. Results

Tue Aug 22 13:39:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

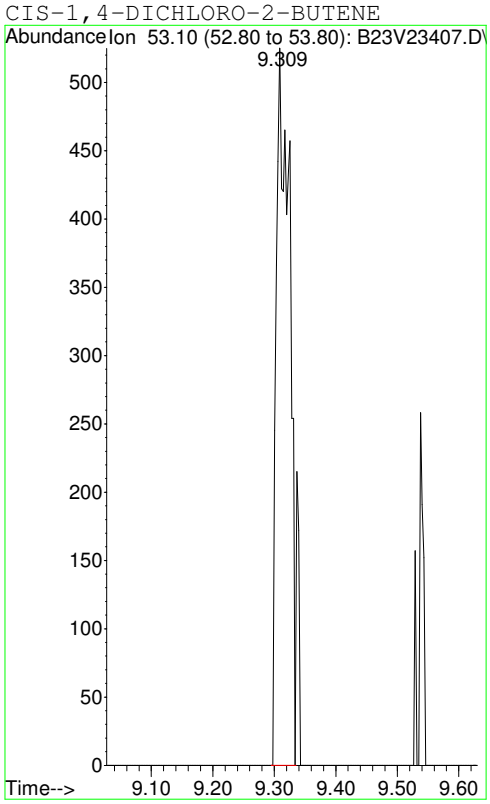
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23407.D
Acq On : 22 Aug 2023 1:17 pm
Operator :
Sample : 8260 STD 1.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 13:40:23 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

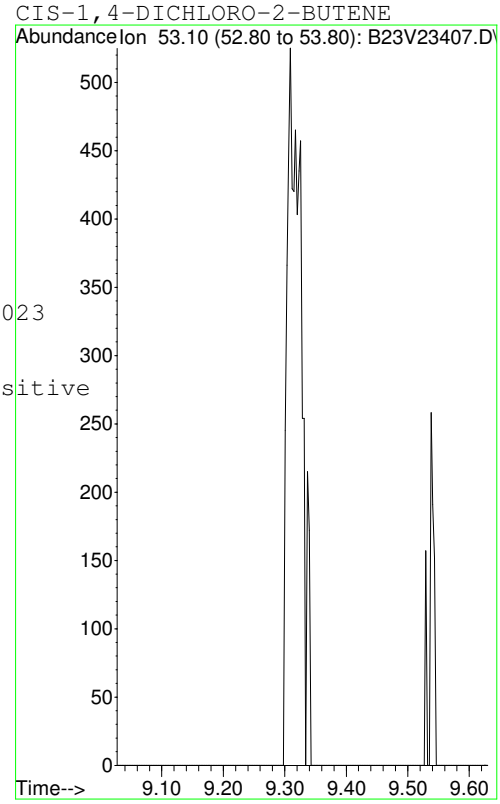
RT : 9.31
Area : 784
Amount: 0

Manual Int. Results

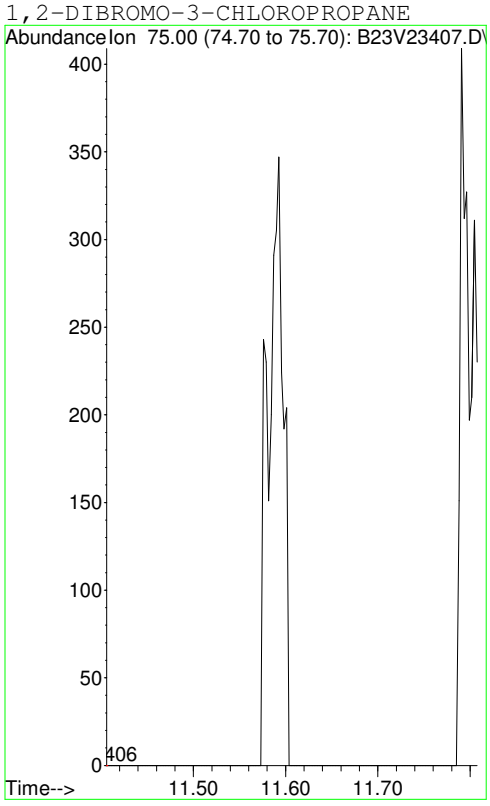
Tue Aug 22 13:39:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Integration
1,2-DIBROMO-3-CHLOROPROPANE



Original Int. Results

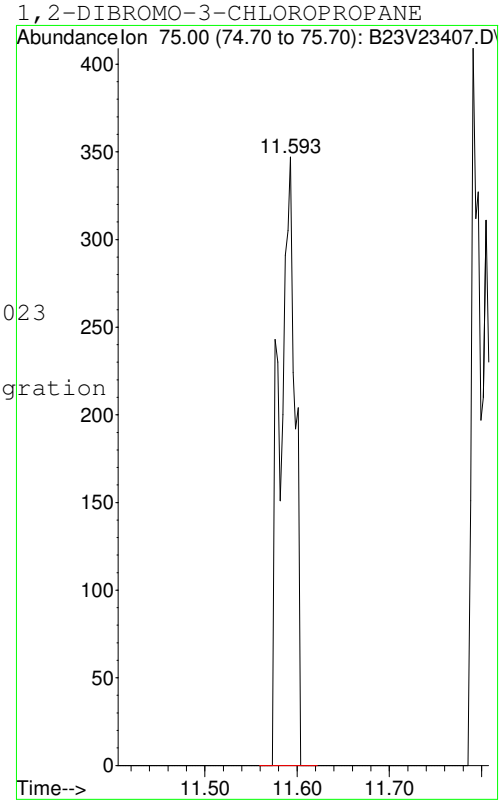
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 13:40:23 2023

MIuser: LBD
Reason: Incorret Integration
RT : 11.59
Area : 399
Amount: 0.925894

Manual Integration
1,2-DIBROMO-3-CHLOROPROPANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:04:37 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.977	168	138721	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	238542	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	130100	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	138408	30.00	UG/L		-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73595	24.94	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
45) TOLUENE-D8 SS	6.266	98	250915	27.38	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.52%				
66) 4-BROMOFLUROBENZENE SS	9.058	95	102073	28.72	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.015	85	4598	1.80	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.024	51	6948	2.00	UG/L		97
5) CHLOROMETHANE	1.119	50	8966	2.01	UG/L		98
6) VINYL CHLORIDE	1.174	62	5748	1.47	UG/L		98
7) BROMOMETHANE	1.356	94	3203	0.87	UG/L		100
8) CHLOROETHANE	1.409	64	3252	1.19	UG/L		91
9) FLUORODICHLOROMETHANE	1.520	67	7249	1.16	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.554	101	5682	0.92	UG/L		96
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	3282	1.64	UG/L	#	79
13) ACROLEIN	1.818	56	10375	18.20	UG/L	#	97
14) ACETONE	1.919	43	17005	15.35	UG/L		99
15) 1,1-DICHLOROETHENE	1.874	61	6412	1.32	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	3436	1.09	UG/L		95
17) IODOMETHANE	1.983	142	48099	8.04	UG/L		95
18) METHYL ACETATE	2.148	43	4658	1.56	UG/L		100
19) T-BUTYL ALCOHOL	2.320	59	5449	21.13	UG/L	#	89
20) ACRYLONITRILE	2.435	53	1999	2.08	UG/L	#	76
21) METHYLENE CHLORIDE	2.223	49	7371	1.57	UG/L		97
22) CARBON DISULFIDE	2.025	76	104242	11.86	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.432	73	10840	1.79	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.432	61	6280	1.93	UG/L		91
25) 1,1-DICHLOROETHANE	2.817	63	8134	1.88	UG/L		99
26) VINYL ACETATE	2.873	43	128549	22.84	UG/L		99
27) DI ISOPROPYL ETHER	2.875	45	18008	2.06	UG/L	#	100
28) 2-BUTANONE	3.450	43	26025	20.69	UG/L		97
29) T-BUTYL ETHYL ETHER	3.257	59	14423	2.13	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.408	61	7609	1.93	UG/L		96
31) 2,2-DICHLOROPROPANE	3.400	77	6087	1.76	UG/L		97
32) ETHYL ACETATE	3.522	43	6884m	2.29	UG/L		
33) BROMOCHLOROMETHANE	3.659	128	2132	2.05	UG/L		87
34) TETRAHYDROFURAN	3.712	42	2083	2.44	UG/L	#	73
35) T-BUTYL FORMATE	0.000		0	N.D.			
36) CHLOROFORM	3.748	83	6938	1.66	UG/L		97
37) 1,1,1-TRICHLOROETHANE	3.918	97	6372	1.69	UG/L		90
38) CYCLOHEXANE	3.952	56	12013	2.68	UG/L		86
39) CARBON TETRACHLORIDE	4.074	117	6112	1.72	UG/L		93
40) 1,1-DICHLOROPROPENE	4.088	75	6009	1.89	UG/L		98
41) BENZENE	4.306	78	16693	1.92	UG/L		99
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.443	73	11622	1.99	UG/L		96
46) 1,2-DICHLOROETHANE	4.342	62	5583	1.46	UG/L	#	95
47) TRICHLOROETHENE	4.986	95	4447	1.67	UG/L		93
48) METHYLCYCLOHEXANE	5.162	83	7632	1.83	UG/L		92
49) 1,2-DICHLOROPROPANE	5.229	63	4912	0.28	UG/L	#	84
50) DIBROMOMETHANE	5.349	93	2481	1.42	UG/L		96
51) 1,4-DIOXANE	5.402	88	353m	11.63	UG/L		
52) BROMODICHLOROMETHANE	5.530	83	5490	1.53	UG/L	#	95

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 8 Sample Multiplier: 1

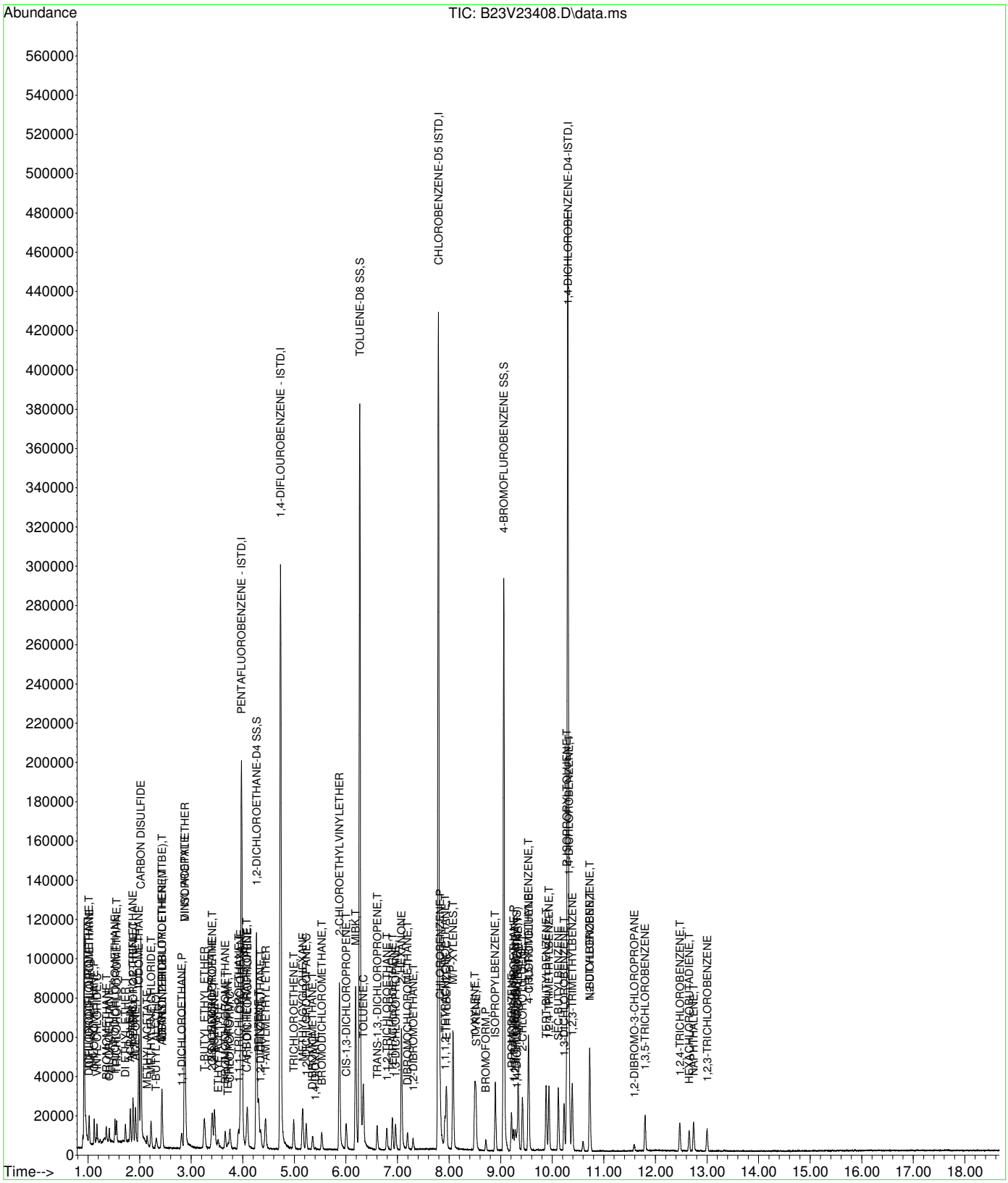
Quant Time: Aug 22 14:04:37 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.873	63	33952	19.45 UG/L	100
54) MIBK	6.185	43	59237	20.16 UG/L	98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	7065	1.76 UG/L #	93
56) TOLUENE	6.336	91	20016	2.05 UG/L	98
57) TRANS-1,3,-DICHLOROPRO...	6.607	75	6079	1.85 UG/L	98
58) ETHYL METHACRYLATE	0.000		0	N.D. d	
59) 1,1,2-TRICHLOROETHANE	6.793	97	3674	1.88 UG/L	97
60) 2-HEXANONE	7.078	43	44027	21.86 UG/L	99
61) TETRACHLOROETHENE	6.905	164	4060	2.00 UG/L	96
62) 1,3-DICHLOROPROPANE	6.961	76	6943	2.08 UG/L	96
63) DIBROMOCHLOROMETHANE	7.195	129	4799	1.98 UG/L	97
64) 1,2-DIBROMOETHANE	7.304	107	4065	1.99 UG/L #	97
67) CHLOROBENZENE	7.822	112	13470	1.82 UG/L	91
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	4572	1.86 UG/L	92
69) ETHYLBENZENE	7.951	91	22817	1.83 UG/L	98
70) M/P-XYLENES	8.076	91	36867	3.60 UG/L	98
71) 0-XYLENE	8.500	91	18493	1.87 UG/L	96
72) STYRENE	8.522	104	14624	1.80 UG/L	90
73) BROMOFORM	8.712	173	2959	1.55 UG/L #	99
74) ISOPROPYLBENZENE	8.893	105	24270	2.05 UG/L	98
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d	
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	5454	1.67 UG/L	99
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	2082	1.92 UG/L	100
78) BROMOBENZENE	9.214	77	8652	1.95 UG/L	97
79) 1,2,3-TRICHLOROPROPANE	9.286	110	1572	1.76 UG/L	75
80) N-PROPYLBENZENE	9.337	91	28246	2.01 UG/L	98
81) 2-CHLOROT0LUENE	9.423	91	16497	1.99 UG/L	98
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	20157	2.02 UG/L	98
83) 4-CHLOROTOLUENE	9.546	91	18961	1.98 UG/L	96
85) TERT-BUTYLBENZENE	9.883	119	17720	2.11 UG/L	88
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	19822	1.98 UG/L	97
87) SEC-BUTYLBENZENE	10.117	105	23915	1.94 UG/L	99
88) 1,3-DICHLOROBENZENE	10.229	146	11248	2.06 UG/L	98
89) P-ISOPROPYLTOLUENE	10.282	119	22176	2.10 UG/L	95
90) 1,4-DICHLOROBENZENE	10.324	146	11785	1.95 UG/L	92
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	20479	2.06 UG/L #	100
92) N-BUTYLBENZENE	10.725	91	18057	1.92 UG/L	97
93) 1,2-DICHLOROBENZENE	10.725	146	10238	1.91 UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	11.593	75	929	2.16 UG/L	93
95) 1,3,5-TRICHLOROBENZENE	11.799	180	6885	2.36 UG/L	96
96) 1,2,4-TRICHLOROBENZENE	12.474	180	5886	2.74 UG/L	98
97) HEXACHLOROBUTADIENE	12.652	225	2602	2.65 UG/L	97
98) NAPHTHALENE	12.742	128	14055	2.54 UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	4733	2.85 UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 8 Sample Multiplier: 1

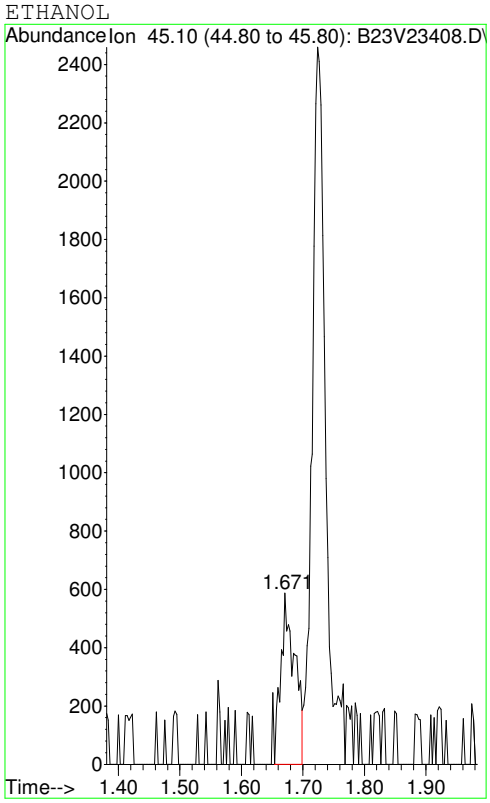
Quant Time: Aug 22 14:04:37 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

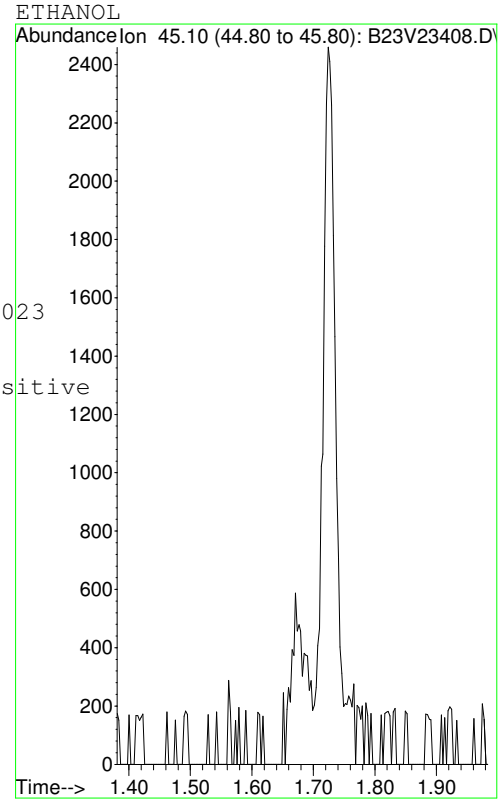
RT : 1.67
Area : 930
Amount: 20.2161

Manual Int. Results

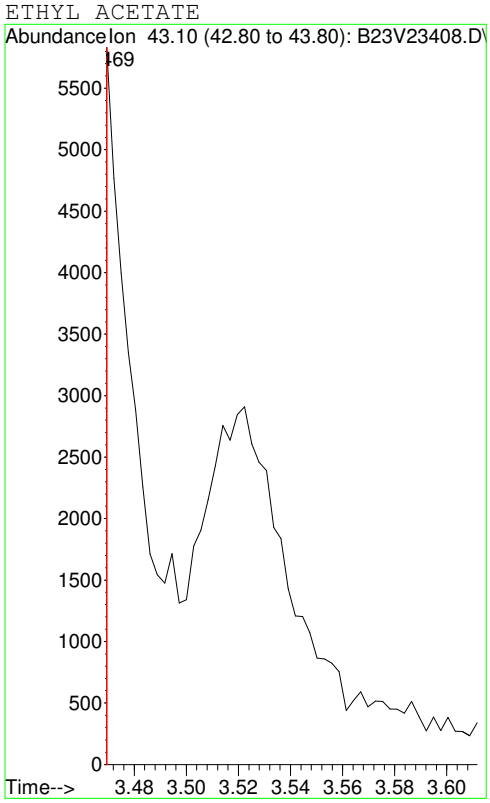
Tue Aug 22 14:04:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ETHYL ACETATE



Original Int. Results

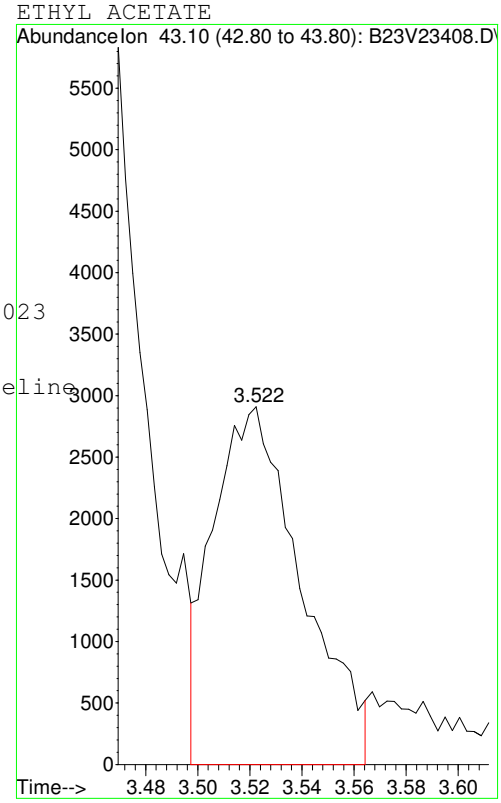
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 14:05:09 2023

MIuser: LBD
Reason: Incorrect Baseline
RT : 3.52
Area : 6884
Amount: 2.29072

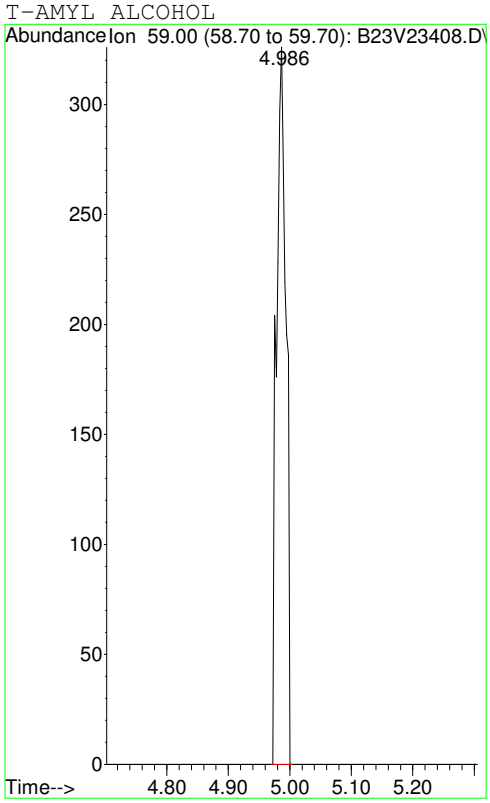
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

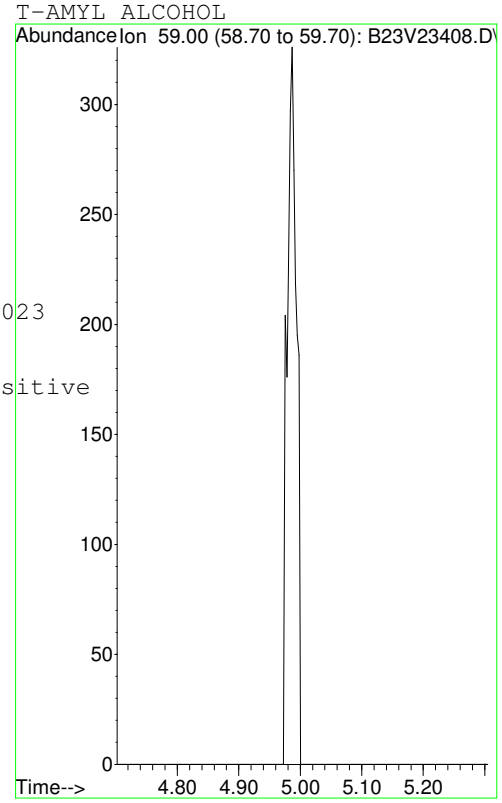
RT : 4.99
Area : 352
Amount: 0

Manual Int. Results

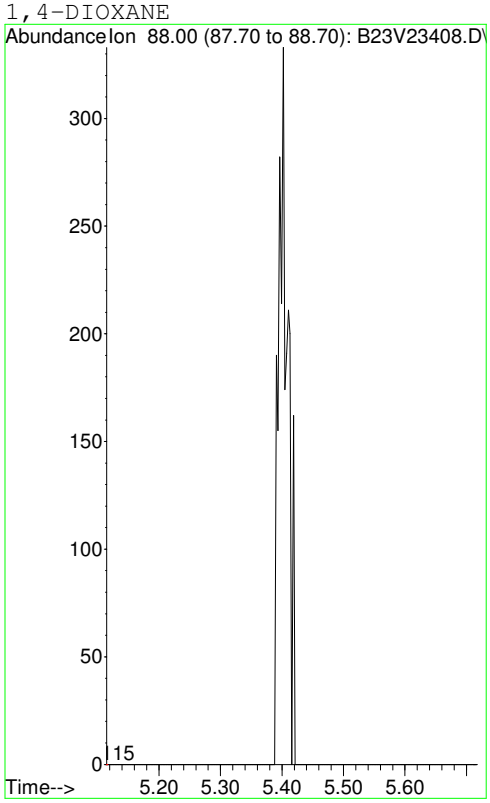
Tue Aug 22 14:05:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
1,4-DIOXANE



Original Int. Results

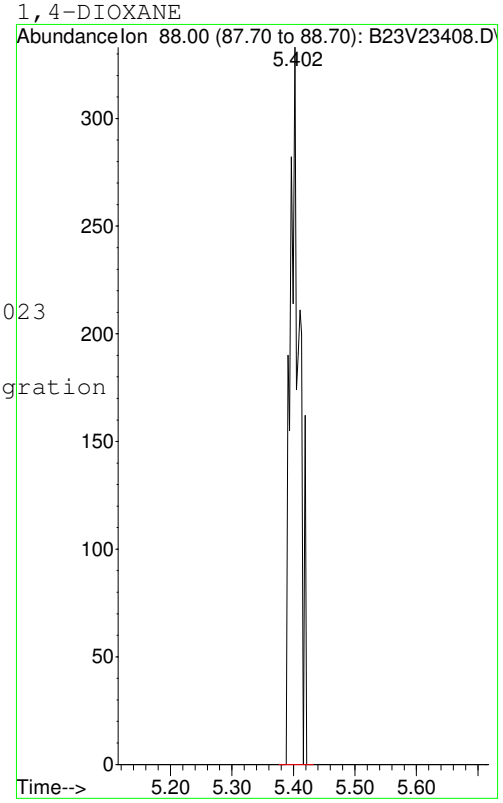
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Aug 22 14:05:43 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.40
Area : 353
Amount: 11.6262

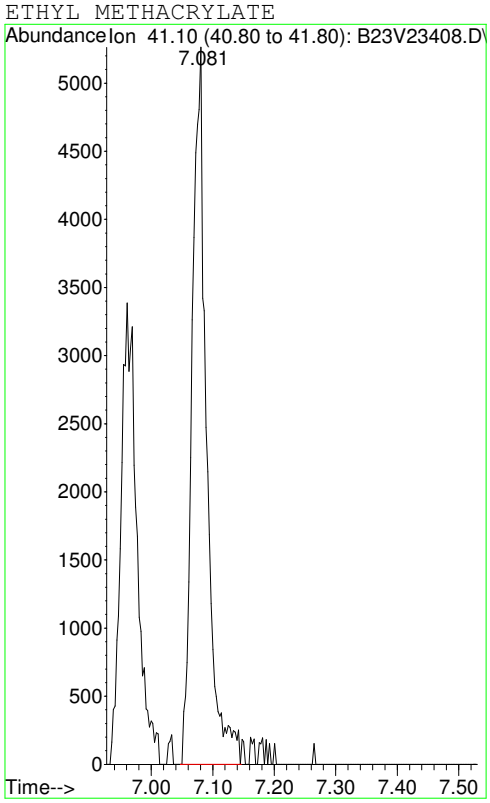
Manual Integration
1,4-DIOXANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23408.D
Acq On : 22 Aug 2023 1:43 pm
Operator :
Sample : 8260 STD 2.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:06:03 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

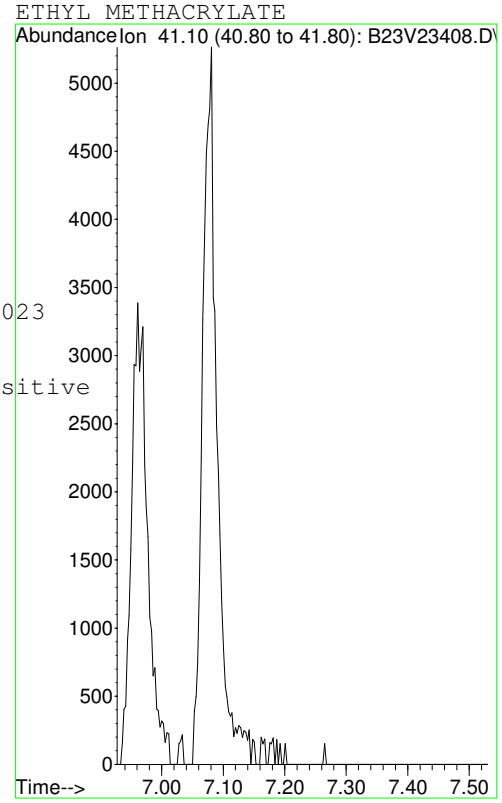
RT : 7.08
Area : 8567
Amount: 0

Manual Int. Results

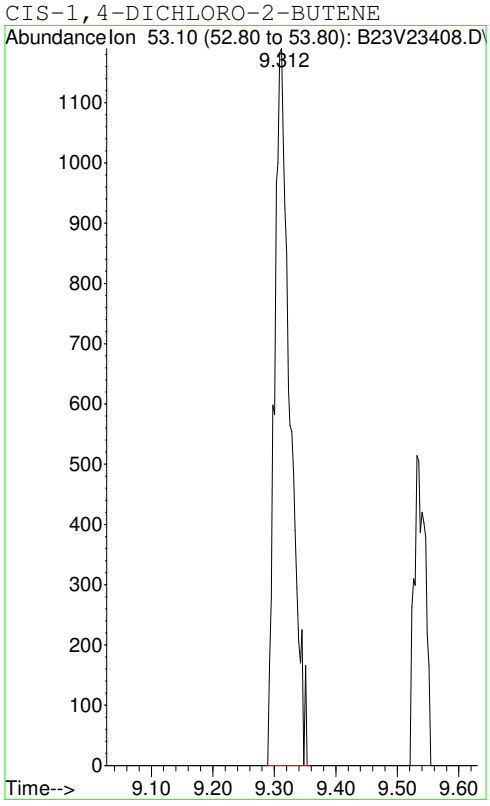
Tue Aug 22 14:05:52 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

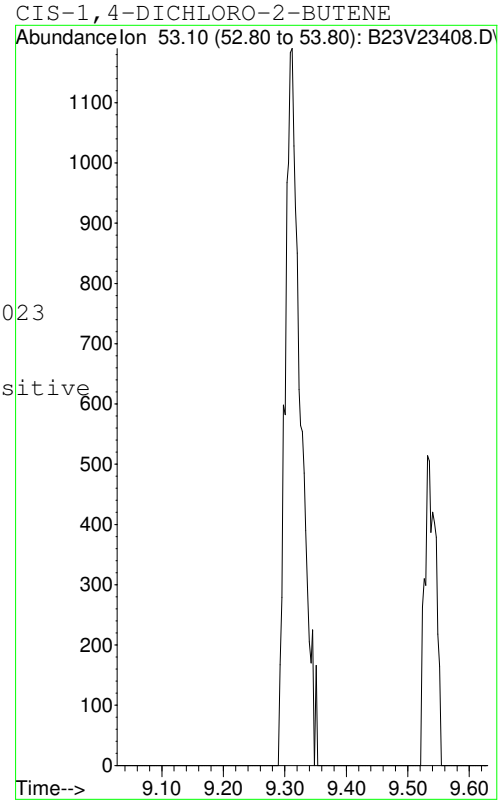
RT : 9.31
Area : 2082
Amount: 0

Manual Int. Results

Tue Aug 22 14:06:02 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 14:38:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	138993	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	241574	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	127747	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	141078	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	73884	24.99	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
45) TOLUENE-D8 SS	6.266	98	251411	27.09	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.36%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	103177	29.57	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	11866	4.63	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.024	51	18450	5.31	UG/L		96
5) CHLOROMETHANE	1.119	50	21695	4.87	UG/L		100
6) VINYL CHLORIDE	1.172	62	15297	3.91	UG/L		99
7) BROMOMETHANE	1.350	94	6721	1.82	UG/L		90
8) CHLOROETHANE	1.406	64	8099	2.96	UG/L		98
9) FLUORODICHLOROMETHANE	1.520	67	18384	2.95	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.551	101	15329	2.47	UG/L		99
11) ETHANOL	1.676	45	2132	46.25	UG/L	#	73
12) DI ETHYL ETHER	1.724	59	8316	4.15	UG/L		89
13) ACROLEIN	1.819	56	26326	46.10	UG/L	#	97
14) ACETONE	1.919	43	45778	41.24	UG/L		99
15) 1,1-DICHLOROETHENE	1.871	61	16638	3.42	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	9256	2.94	UG/L		98
17) IODOMETHANE	1.980	142	138786	23.14	UG/L		95
18) METHYL ACETATE	2.145	43	13226	4.42	UG/L		98
19) T-BUTYL ALCOHOL	2.320	59	14574	56.41	UG/L		99
20) ACRYLONITRILE	2.435	53	5454	5.67	UG/L		95
21) METHYLENE CHLORIDE	2.217	49	19428	4.12	UG/L		96
22) CARBON DISULFIDE	2.022	76	276274	31.38	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.432	73	29064	4.78	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.432	61	16932	5.19	UG/L		90
25) 1,1-DICHLOROETHANE	2.811	63	21742	5.00	UG/L		100
26) VINYL ACETATE	2.873	43	322937	57.28	UG/L		100
27) DI ISOPROPYL ETHER	2.875	45	48118	5.48	UG/L	#	98
28) 2-BUTANONE	3.447	43	69579	55.20	UG/L		98
29) T-BUTYL ETHYL ETHER	3.257	59	37467	5.52	UG/L		95
30) CIS-1,2-DICHLOROETHENE	3.411	61	19592	4.96	UG/L		92
31) 2,2-DICHLOROPROPANE	3.402	77	15990	4.61	UG/L		97
32) ETHYL ACETATE	3.514	43	18999m	6.31	UG/L		
33) BROMOCHLOROMETHANE	3.659	128	5376	5.15	UG/L		92
34) TETRAHYDROFURAN	3.715	42	5255	6.14	UG/L	#	90
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.751	83	19254	4.60	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.916	97	17428	4.61	UG/L		93
38) CYCLOHEXANE	3.955	56	26902	5.99	UG/L		93
39) CARBON TETRACHLORIDE	4.077	117	16131	4.52	UG/L		96
40) 1,1-DICHLOROPROPENE	4.088	75	15525	4.88	UG/L		98
41) BENZENE	4.309	78	43933	5.05	UG/L		99
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.440	73	31677	5.40	UG/L		94
46) 1,2-DICHLOROETHANE	4.342	62	16068m	4.14	UG/L		
47) TRICHLOROETHENE	4.984	95	11963m	4.43	UG/L		
48) METHYLCYCLOHEXANE	5.162	83	19452	4.60	UG/L		95
49) 1,2-DICHLOROPROPANE	5.229	63	13036	0.74	UG/L		87
50) DIBROMOMETHANE	5.354	93	6736	3.80	UG/L		96
51) 1,4-DIOXANE	5.399	88	1354	44.03	UG/L	#	55
52) BROMODICHLOROMETHANE	5.533	83	14962	4.13	UG/L		99

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 9 Sample Multiplier: 1

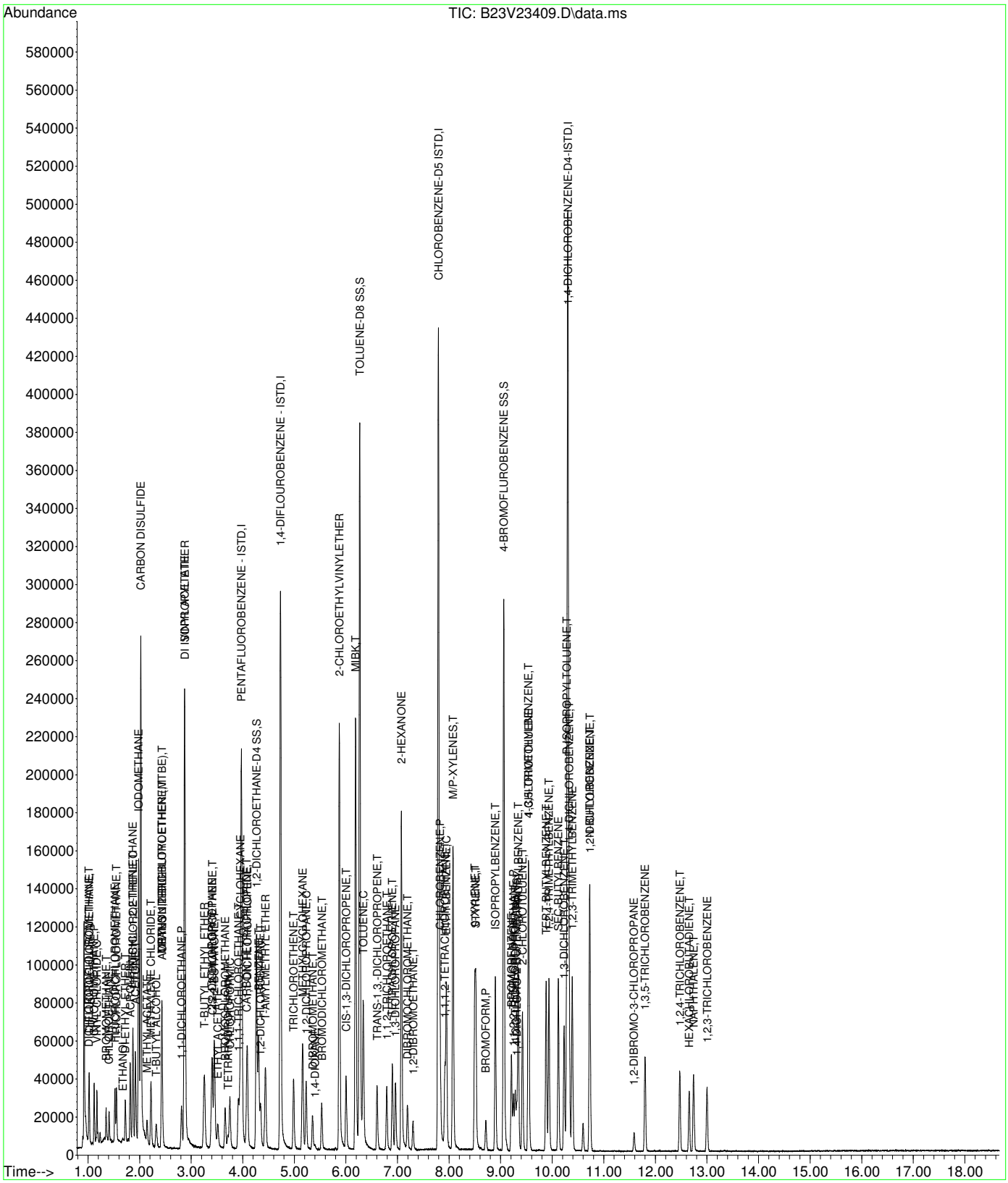
Quant Time: Aug 22 14:38:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.870	63	91020	51.49	UG/L		99
54) MIBK	6.188	43	163010	54.79	UG/L		98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	19318	4.76	UG/L		93
56) TOLUENE	6.336	91	50911	5.15	UG/L		100
57) TRANS-1,3,-DICHLOROPRO...	6.607	75	16445	4.95	UG/L	#	86
58) ETHYL METHACRYLATE	0.000		0	N.D.	d		
59) 1,1,2-TRICHLOROETHANE	6.791	97	10119	5.12	UG/L		96
60) 2-HEXANONE	7.075	43	122181	59.89	UG/L		98
61) TETRACHLOROETHENE	6.899	164	10906	5.31	UG/L		97
62) 1,3-DICHLOROPROPANE	6.958	76	18215	5.39	UG/L		95
63) DIBROMOCHLOROMETHANE	7.195	129	12590	5.12	UG/L		97
64) 1,2-DIBROMOETHANE	7.304	107	11344	5.47	UG/L	#	98
67) CHLOROBENZENE	7.822	112	35579	4.88	UG/L		99
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	12773	5.28	UG/L		96
69) ETHYLBENZENE	7.948	91	61125	5.00	UG/L		100
70) M/P-XYLENES	8.076	91	94642	9.40	UG/L		94
71) 0-XYLENE	8.497	91	47865	4.94	UG/L		94
72) STYRENE	8.517	104	40172	5.05	UG/L		89
73) BROMOFORM	8.712	173	8364	4.46	UG/L	#	99
74) ISOPROPYLBENZENE	8.896	105	63919	5.51	UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d		
76) 1,1,2,2-TETRACHLOROETHANE	9.247	83	14487	4.51	UG/L		97
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	5703	5.35	UG/L		90
78) BROMOBENZENE	9.211	77	22640	5.19	UG/L		98
79) 1,2,3-TRICHLOROPROPANE	9.284	110	4587	5.24	UG/L		90
80) N-PROPYLBENZENE	9.339	91	74972	5.42	UG/L		96
81) 2-CHLOROT0LUENE	9.423	91	43880	5.40	UG/L		96
82) 1,3,5-TRIMETHYLBENZENE	9.537	105	52996	5.40	UG/L		96
83) 4-CHLOROTOLUENE	9.543	91	49941	5.30	UG/L		95
85) TERT-BUTYLBENZENE	9.883	119	46422	5.42	UG/L		91
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	52657	5.15	UG/L		97
87) SEC-BUTYLBENZENE	10.118	105	65319	5.19	UG/L		99
88) 1,3-DICHLOROBENZENE	10.229	146	29195	5.24	UG/L		99
89) P-ISOPROPYLTOLUENE	10.282	119	58803	5.47	UG/L		96
90) 1,4-DICHLOROBENZENE	10.327	146	30893	5.01	UG/L		98
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	55259	5.44	UG/L	#	100
92) N-BUTYLBENZENE	10.725	91	49689	5.19	UG/L		99
93) 1,2-DICHLOROBENZENE	10.731	146	27927	5.12	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	2848	6.49	UG/L		92
95) 1,3,5-TRICHLOROBENZENE	11.799	180	19384	6.53	UG/L		93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	15980	7.31	UG/L		99
97) HEXACHLOROBUTADIENE	12.652	225	7228	7.22	UG/L		99
98) NAPHTHALENE	12.742	128	39210	6.94	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	13053	7.70	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 9 Sample Multiplier: 1

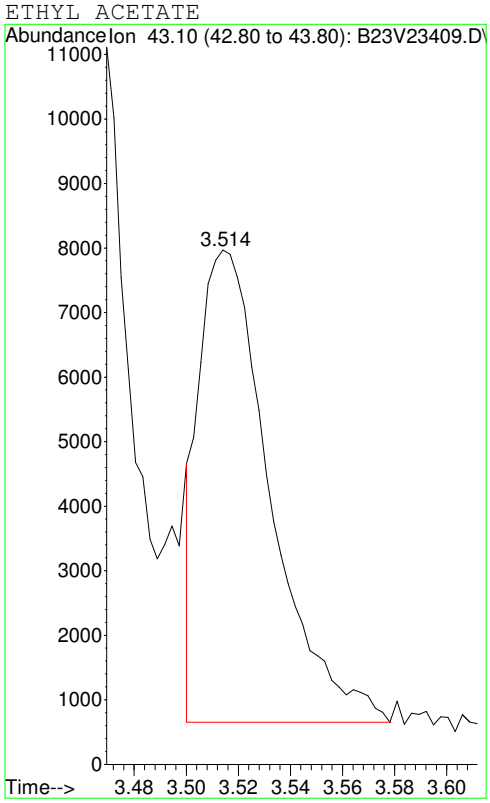
Quant Time: Aug 22 14:38:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL ACETATE



Original Int. Results

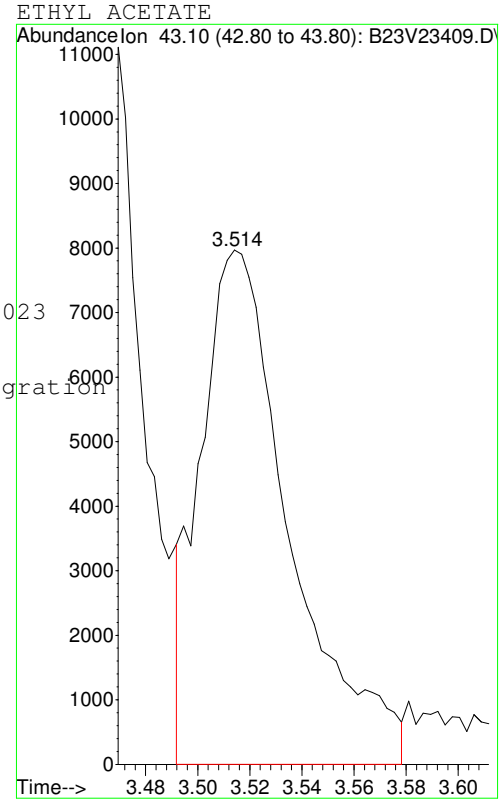
RT : 3.51
Area : 13996
Amount: 4.6482

Manual Int. Results

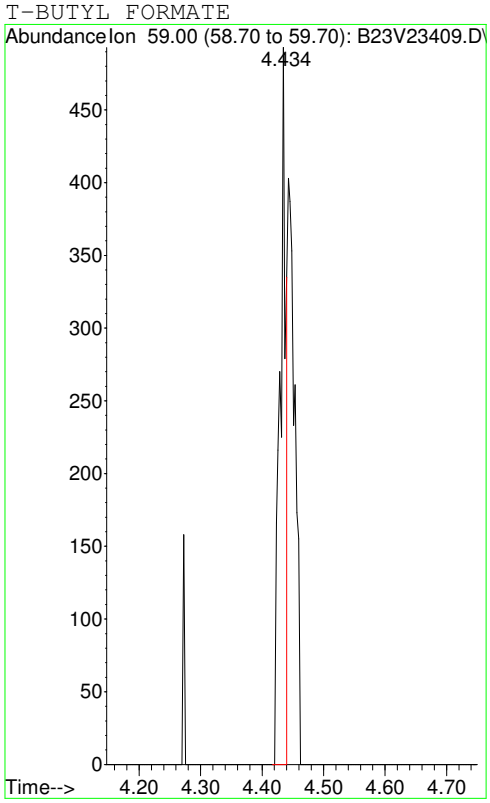
Tue Aug 22 14:40:31 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 18999
Amount: 6.30974

Manual Integration
ETHYL ACETATE



Original Integration
T-BUTYL FORMATE



Original Int. Results

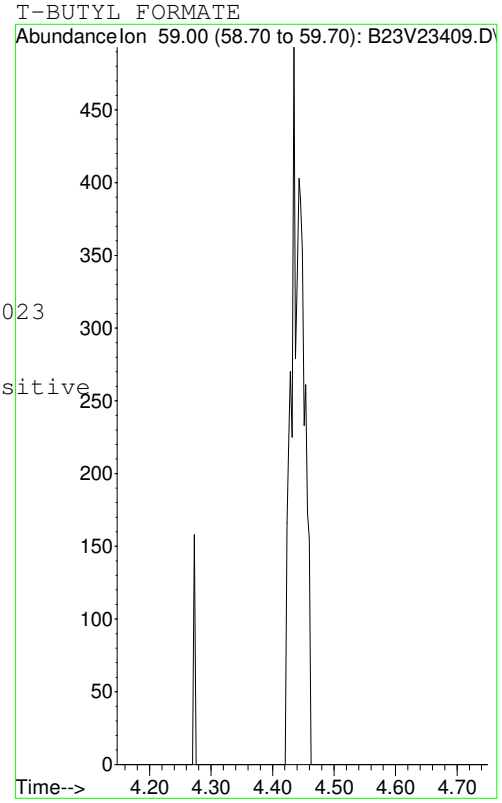
RT : 4.43
Area : 332
Amount: 0

Manual Int. Results

Tue Aug 22 14:40:44 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

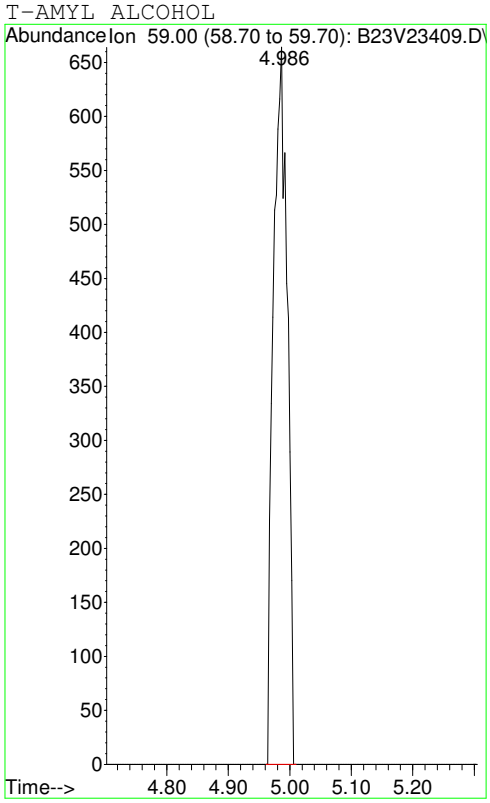
Manual Integration
T-BUTYL FORMATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

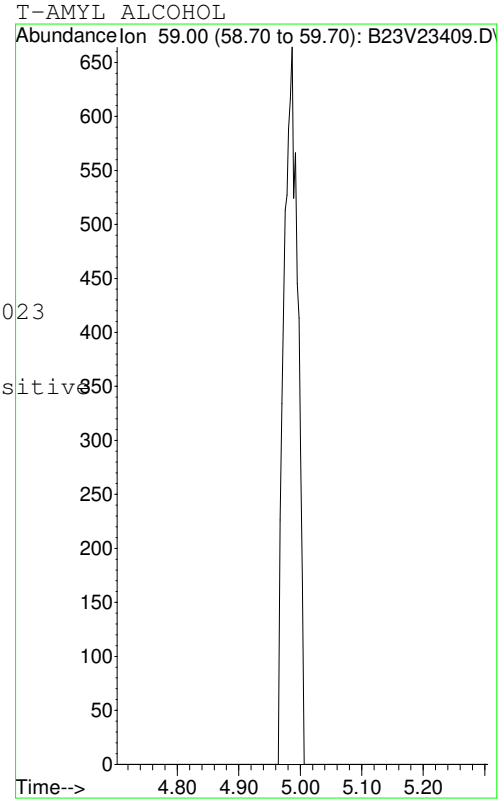
RT : 4.99
Area : 1052
Amount: 0

Manual Int. Results

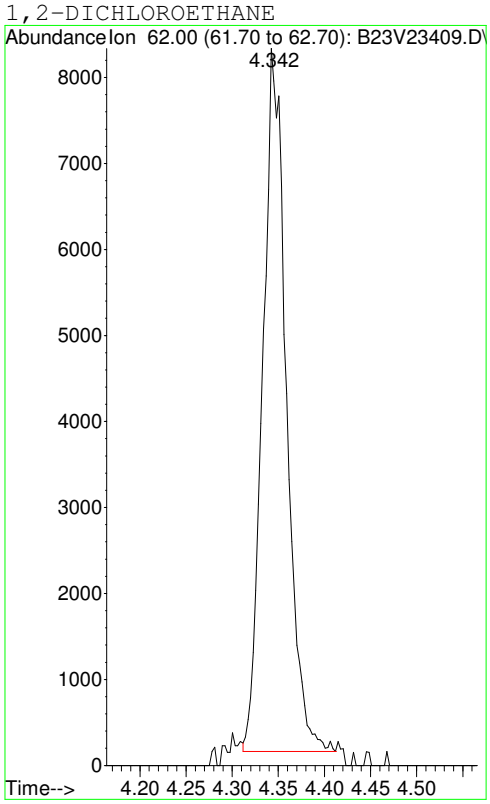
Tue Aug 22 14:40:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
1,2-DICHLOROETHANE



Original Int. Results

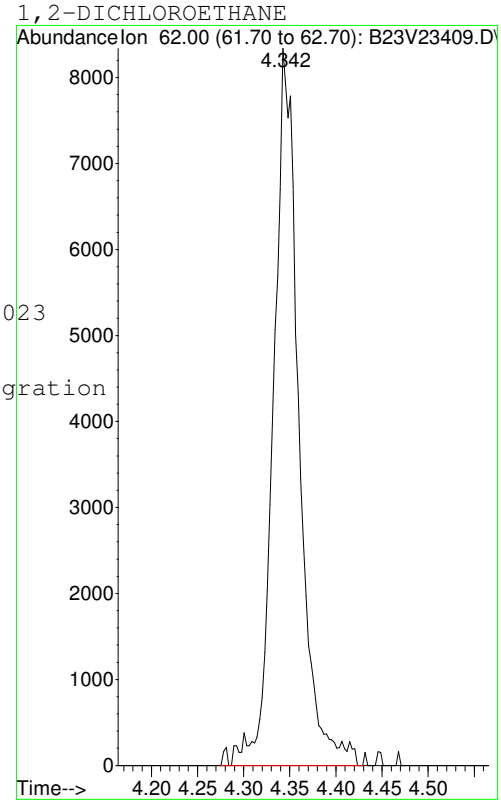
RT : 4.34
Area : 14547
Amount: 3.747

Manual Int. Results

Tue Aug 22 14:41:06 2023

MIuser: LBD
Reason: Incorret Integration
RT : 4.34
Area : 16068
Amount: 4.13878

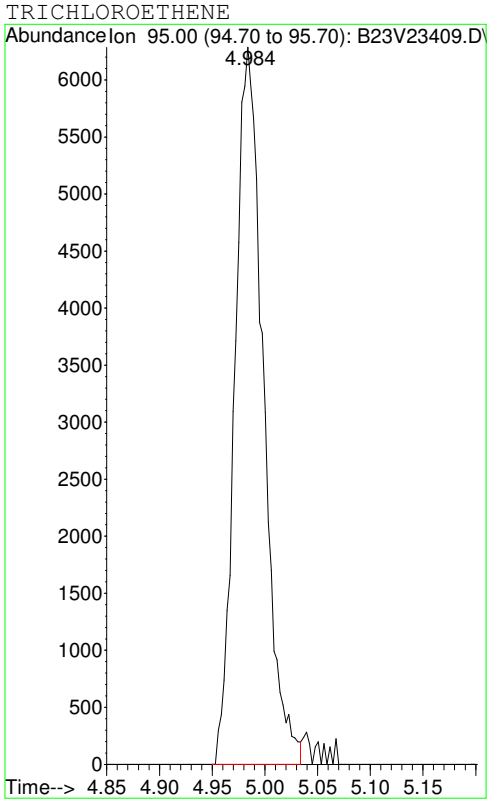
Manual Integration
1,2-DICHLOROETHANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
TRICHLOROETHENE



Original Int. Results

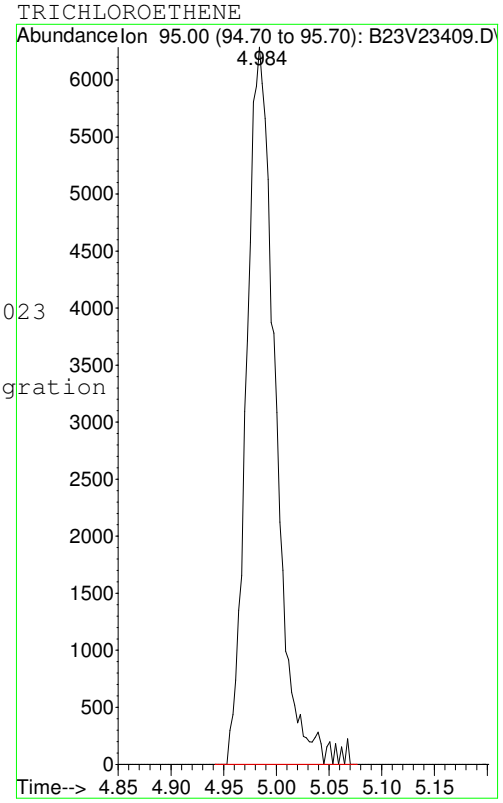
RT : 4.98
Area : 11695
Amount: 4.32796

Manual Int. Results

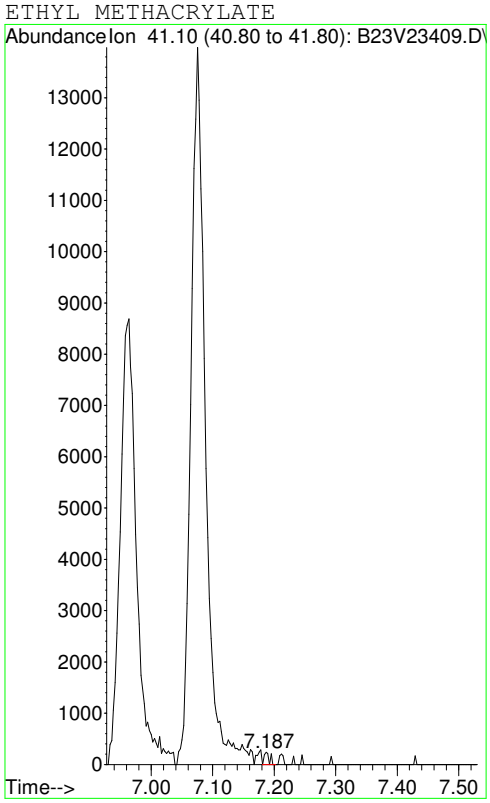
Tue Aug 22 14:41:12 2023

MIuser: LBD
Reason: Incorret Integration
RT : 4.98
Area : 11963
Amount: 4.42714

Manual Integration
TRICHLOROETHENE



Original Integration
ETHYL METHACRYLATE



Original Int. Results

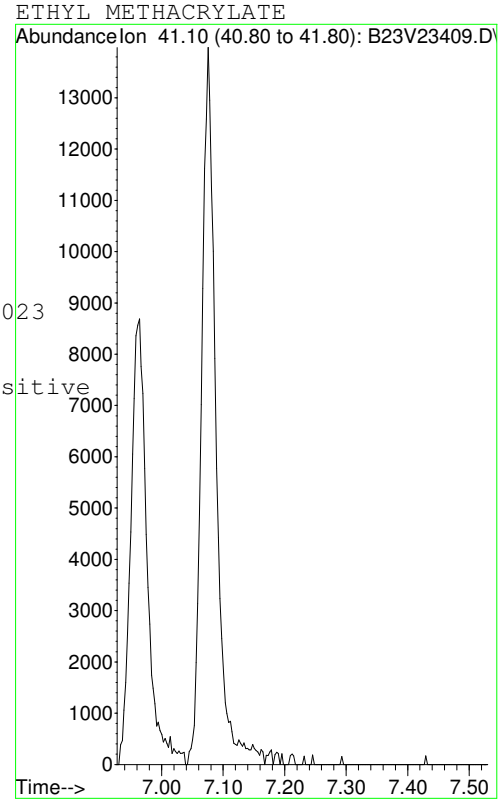
RT : 7.19
Area : 142
Amount: 0

Manual Int. Results

Tue Aug 22 14:41:20 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

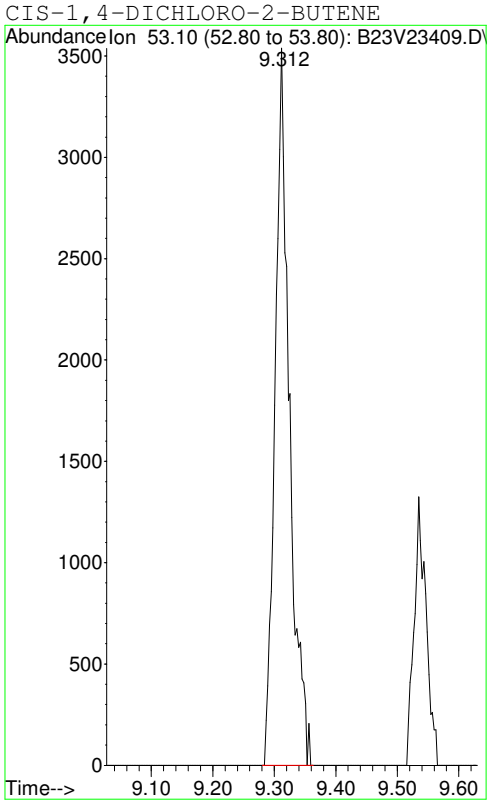
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23409.D
Acq On : 22 Aug 2023 2:09 pm
Operator :
Sample : 8260 STD 5.0 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 14:41:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

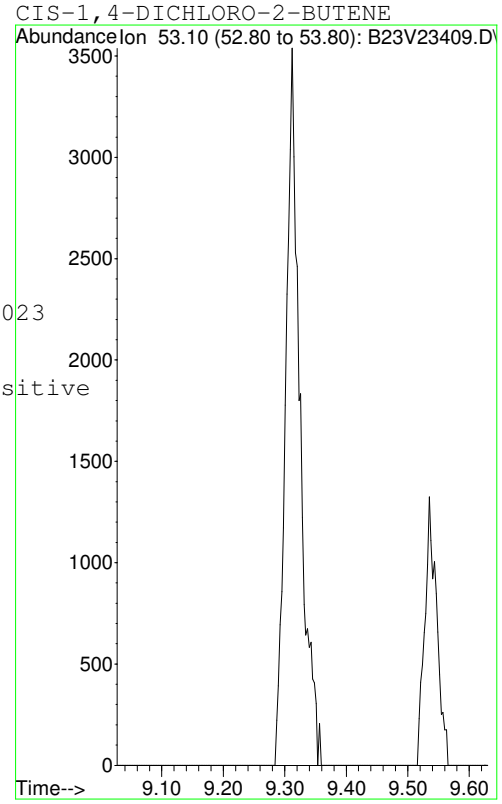
RT : 9.31
Area : 5703
Amount: 0

Manual Int. Results

Tue Aug 22 14:41:31 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 15:03:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	136761	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	240190	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	130035	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	140218	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	70887	24.36	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.44%				
45) TOLUENE-D8 SS	6.267	98	251556	27.26	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.04%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	101977	28.71	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.84%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.016	85	24389	9.68	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.024	51	37848	11.07	UG/L		97
5) CHLOROMETHANE	1.119	50	43676	9.96	UG/L		98
6) VINYL CHLORIDE	1.175	62	31944	8.30	UG/L		98
7) BROMOMETHANE	1.347	94	13066	3.60	UG/L		87
8) CHLOROETHANE	1.406	64	16819	6.25	UG/L		96
9) FLUORODICHLOROMETHANE	1.520	67	39109	6.37	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.551	101	31706	5.19	UG/L		99
11) ETHANOL	1.674	45	3792	83.61	UG/L	#	73
12) DI ETHYL ETHER	1.724	59	17081	8.66	UG/L		87
13) ACROLEIN	1.819	56	53422	95.07	UG/L	#	85
14) ACETONE	1.919	43	88197	80.75	UG/L		99
15) 1,1-DICHLOROETHENE	1.872	61	34576	7.22	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	19026	6.14	UG/L		98
17) IODOMETHANE	1.983	142	298356	50.56	UG/L		95
18) METHYL ACETATE	2.145	43	25938	8.81	UG/L		99
19) T-BUTYL ALCOHOL	2.323	59	29972	117.90	UG/L		96
20) ACRYLONITRILE	2.432	53	11142	11.77	UG/L		96
21) METHYLENE CHLORIDE	2.220	49	38216	8.24	UG/L		95
22) CARBON DISULFIDE	2.025	76	563191	65.00	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.435	73	59325	9.91	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.429	61	35536	11.06	UG/L		94
25) 1,1-DICHLOROETHANE	2.811	63	43055	10.07	UG/L		99
26) VINYL ACETATE	2.873	43	715679	129.01	UG/L		100
27) DI ISOPROPYL ETHER	2.876	45	98830	11.44	UG/L	#	99
28) 2-BUTANONE	3.447	43	140492	113.28	UG/L		99
29) T-BUTYL ETHYL ETHER	3.252	59	77408	11.60	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.411	61	40365	10.40	UG/L		93
31) 2,2-DICHLOROPROPANE	3.403	77	32801	9.61	UG/L		98
32) ETHYL ACETATE	3.514	43	36539m	12.33	UG/L		
33) BROMOCHLOROMETHANE	3.656	128	11283	10.99	UG/L		86
34) TETRAHYDROFURAN	3.712	42	10521	12.48	UG/L		98
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.751	83	37246	9.04	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.916	97	35197	9.46	UG/L		91
38) CYCLOHEXANE	3.955	56	52879	11.97	UG/L		96
39) CARBON TETRACHLORIDE	4.078	117	31193	8.89	UG/L		98
40) 1,1-DICHLOROPROPENE	4.091	75	31926	10.20	UG/L		98
41) BENZENE	4.303	78	87241	10.19	UG/L		98
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.437	73	63520	11.01	UG/L		94
46) 1,2-DICHLOROETHANE	4.345	62	31489	8.16	UG/L	#	95
47) TRICHLOROETHENE	4.984	95	24629m	9.17	UG/L		
48) METHYLCYCLOHEXANE	5.160	83	41582	9.89	UG/L		91
49) 1,2-DICHLOROPROPANE	5.226	63	26744	1.52	UG/L		89
50) DIBROMOMETHANE	5.352	93	13751m	7.80	UG/L		
51) 1,4-DIOXANE	5.394	88	2997	98.03	UG/L	#	82
52) BROMODICHLOROMETHANE	5.533	83	30197	8.38	UG/L		98

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 10 Sample Multiplier: 1

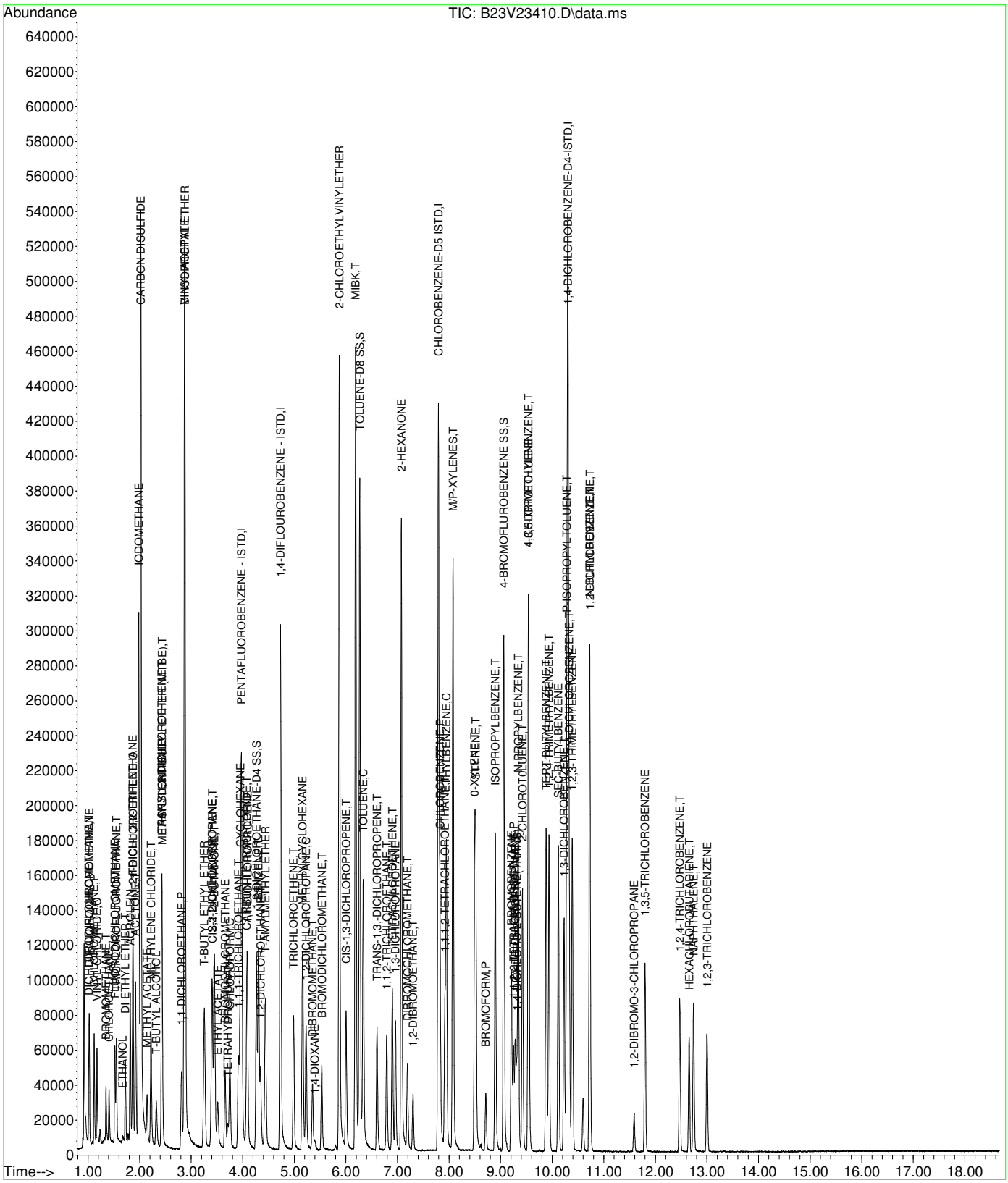
Quant Time: Aug 22 15:03:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.871	63	182854	104.03 UG/L		98
54) MIBK	6.186	43	327716	110.78 UG/L		98
55) CIS-1,3-DICHLOROPROPENE	6.004	75	40177	9.96 UG/L		86
56) TOLUENE	6.336	91	105683	10.76 UG/L		98
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	34114	10.34 UG/L		87
58) ETHYL METHACRYLATE	0.000		0	N.D. d		
59) 1,1,2-TRICHLOROETHANE	6.788	97	20773	10.57 UG/L		96
60) 2-HEXANONE	7.075	43	249492	123.00 UG/L		99
61) TETRACHLOROETHENE	6.902	164	22358m	10.96 UG/L		
62) 1,3-DICHLOROPROPANE	6.958	76	37318	11.11 UG/L		93
63) DIBROMOCHLOROMETHANE	7.195	129	25995m	10.63 UG/L		
64) 1,2-DIBROMOETHANE	7.301	107	22969	11.15 UG/L	#	99
67) CHLOROBENZENE	7.823	112	73841	9.96 UG/L		96
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	26356	10.71 UG/L		95
69) ETHYLBENZENE	7.948	91	123745	9.94 UG/L		99
70) M/P-XYLENES	8.076	91	191324	18.67 UG/L		94
71) 0-XYLENE	8.495	91	98682	10.01 UG/L		95
72) STYRENE	8.517	104	82145	10.14 UG/L		88
73) BROMOFORM	8.709	173	17195	9.00 UG/L	#	98
74) ISOPROPYLBENZENE	8.896	105	129341	10.95 UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d		
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	30463	9.31 UG/L		100
77) 1,4-DICHLORO-2-BUTENE(...	9.315	53	11489	10.59 UG/L	#	85
78) BROMOBENZENE	9.209	77	45306	10.20 UG/L		95
79) 1,2,3-TRICHLOROPROPANE	9.284	110	9692	10.88 UG/L		96
80) N-PROPYLBENZENE	9.340	91	152763	10.86 UG/L		96
81) 2-CHLOROT0LUENE	9.423	91	86118	10.42 UG/L		93
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	108244	10.84 UG/L		95
83) 4-CHLOROTOLUENE	9.540	91	101861	10.62 UG/L		95
85) TERT-BUTYLBENZENE	9.883	119	95735	11.25 UG/L		89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	107063	10.54 UG/L		97
87) SEC-BUTYLBENZENE	10.118	105	132717	10.62 UG/L		99
88) 1,3-DICHLOROBENZENE	10.232	146	60357	10.89 UG/L		99
89) P-ISOPROPYLTOLUENE	10.282	119	121365	11.36 UG/L		96
90) 1,4-DICHLOROBENZENE	10.327	146	62251	10.16 UG/L		97
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	111315	11.03 UG/L	#	100
92) N-BUTYLBENZENE	10.726	91	103782	10.91 UG/L		98
93) 1,2-DICHLOROBENZENE	10.728	146	56678	10.45 UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	5427	12.45 UG/L		85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	38834	13.16 UG/L		94
96) 1,2,4-TRICHLOROBENZENE	12.471	180	33372	15.35 UG/L		96
97) HEXACHLOROBUTADIENE	12.655	225	15026	15.10 UG/L		99
98) NAPHTHALENE	12.742	128	78799	14.04 UG/L		98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	26584	15.78 UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 10 Sample Multiplier: 1

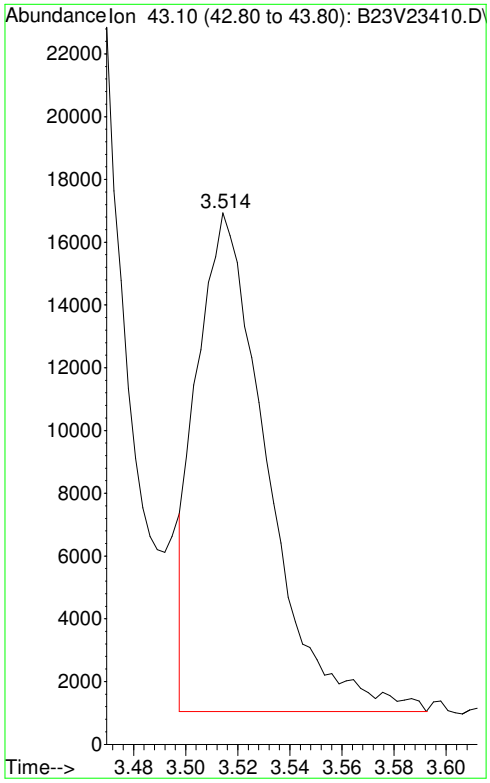
Quant Time: Aug 22 15:03:32 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL ACETATE



Original Int. Results

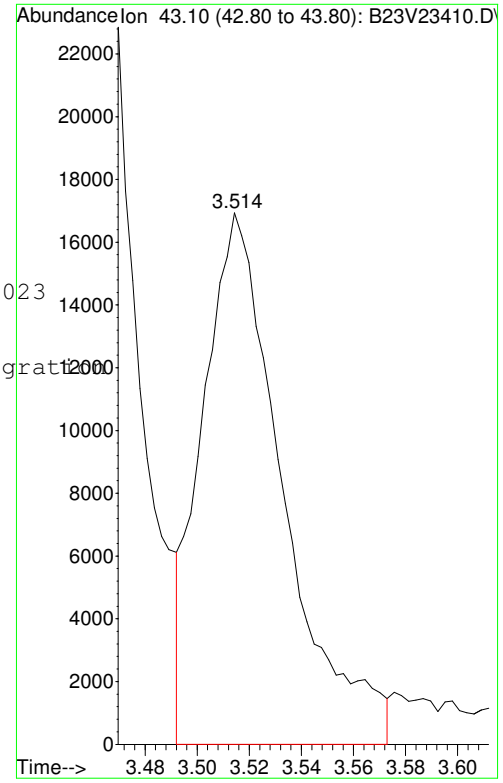
RT : 3.51
Area : 29921
Amount: 10.0992

Manual Int. Results

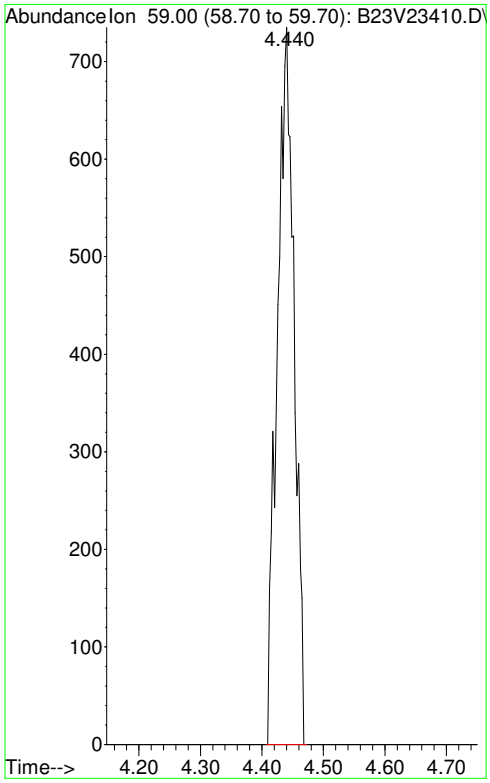
Tue Aug 22 15:03:57 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 36539
Amount: 12.333

Manual Integration
ETHYL ACETATE



Original Integration
T-BUTYL FORMATE



Original Int. Results

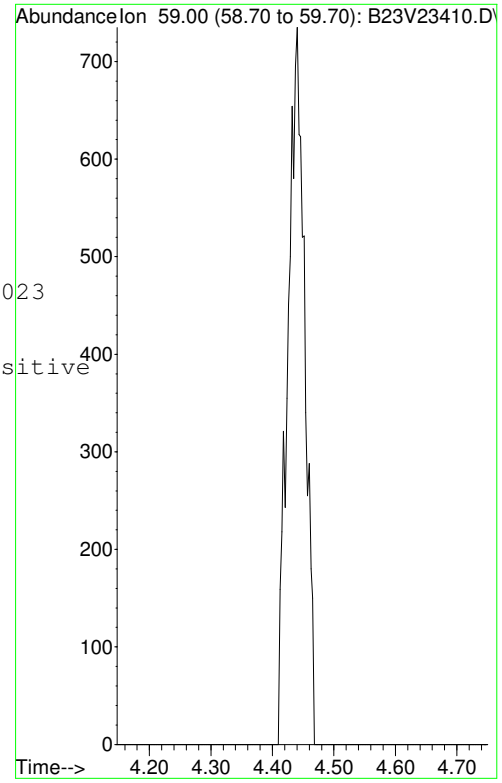
RT : 4.44
Area : 1408
Amount: 0

Manual Int. Results

Tue Aug 22 15:04:05 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

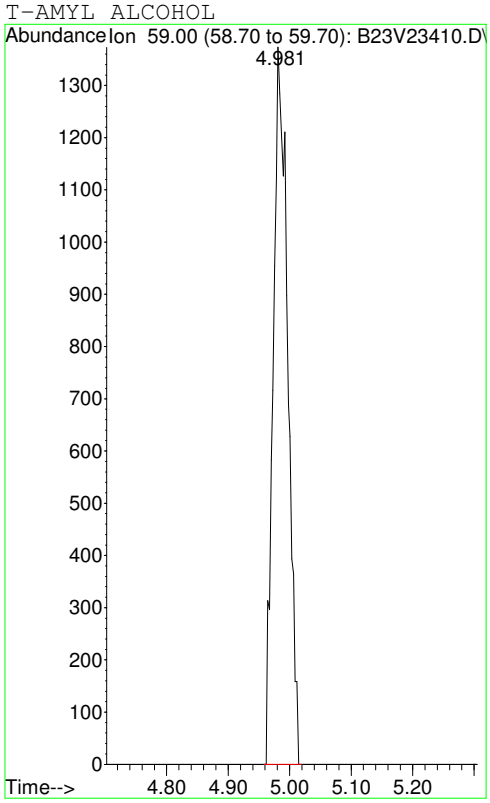
Manual Integration
T-BUTYL FORMATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

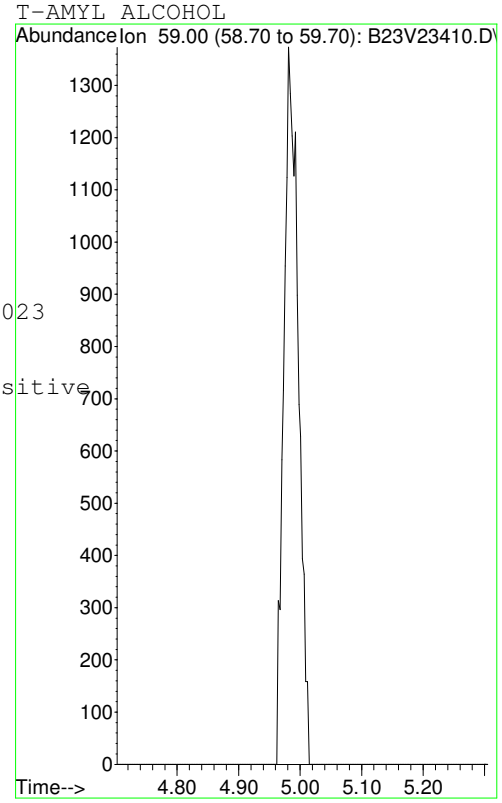
RT : 4.98
Area : 2254
Amount: 0

Manual Int. Results

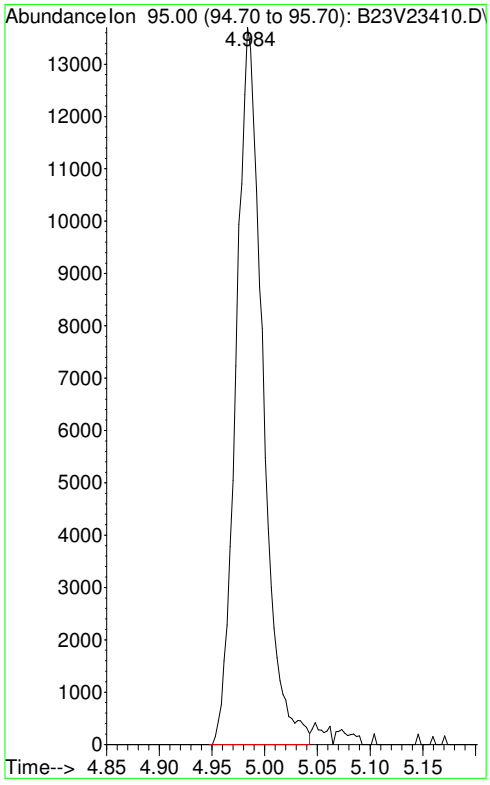
Tue Aug 22 15:04:11 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
TRICHLOROETHENE



Original Int. Results

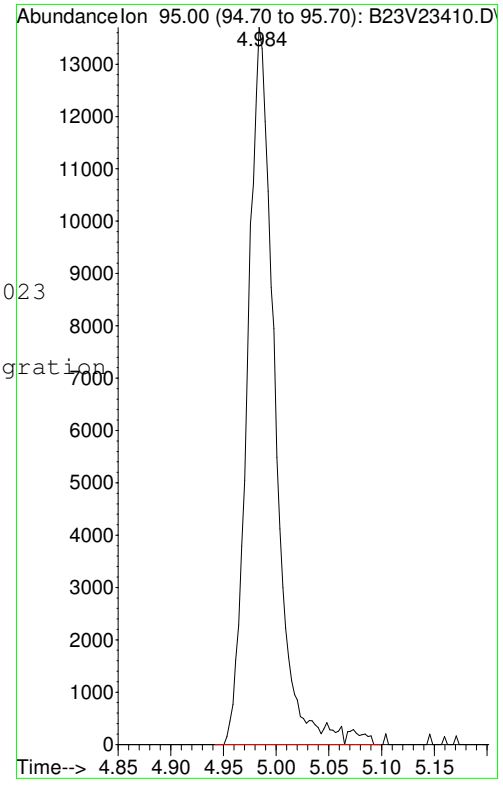
RT : 4.98
Area : 23967
Amount: 8.92056

Manual Int. Results

Tue Aug 22 15:04:17 2023

MIuser: LBD
Reason: Incorret Integration
RT : 4.98
Area : 24629
Amount: 9.16696

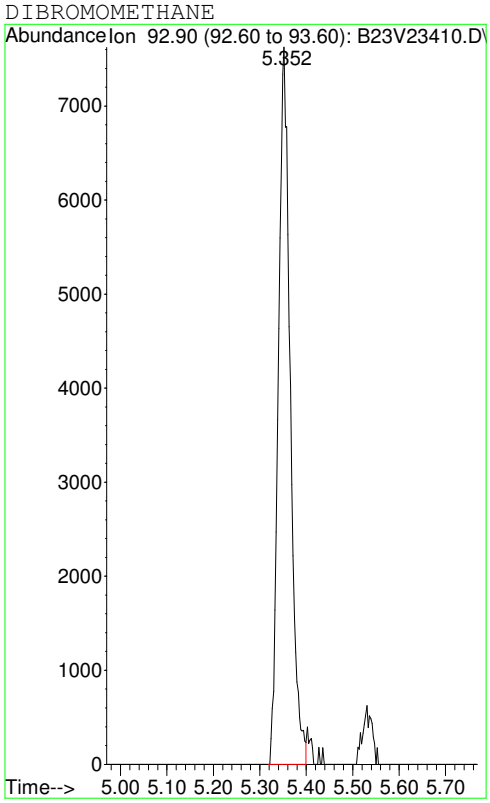
Manual Integration
TRICHLOROETHENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
DIBROMOMETHANE



Original Int. Results

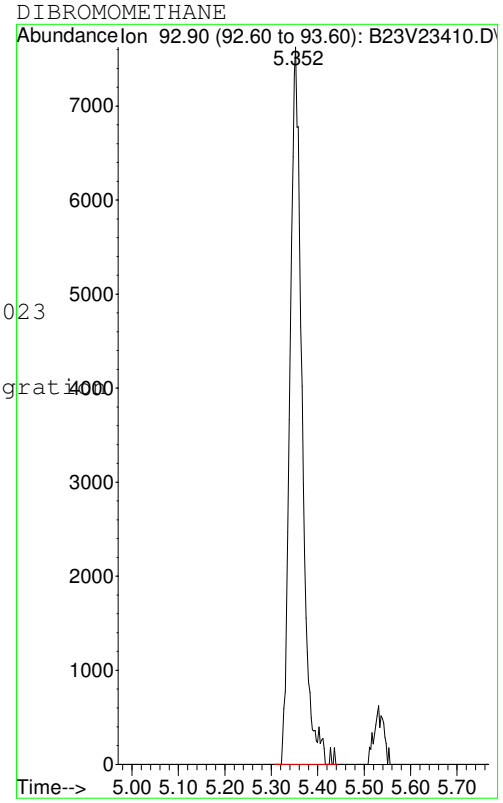
RT : 5.35
Area : 13472
Amount: 7.63861

Manual Int. Results

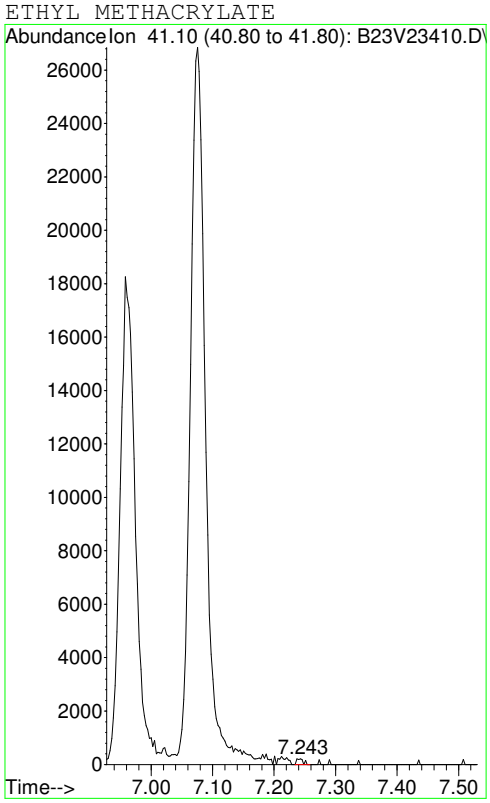
Tue Aug 22 15:04:24 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.35
Area : 13751
Amount: 7.7968

Manual Integration
DIBROMOMETHANE



Original Integration
ETHYL METHACRYLATE



Original Int. Results

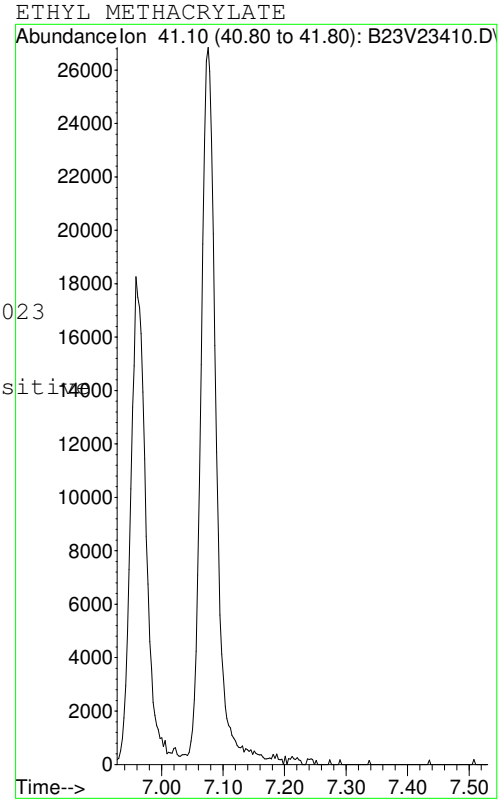
RT : 7.24
Area : 156
Amount: 0

Manual Int. Results

Tue Aug 22 15:04:31 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

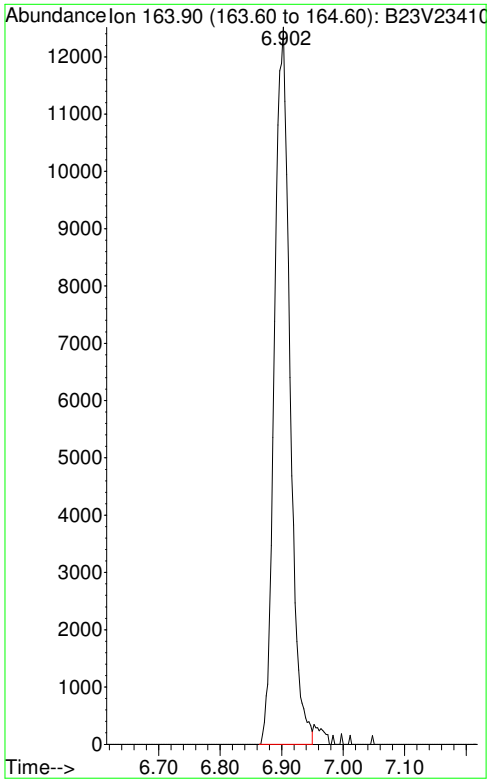
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
TETRACHLOROETHENE



Original Int. Results

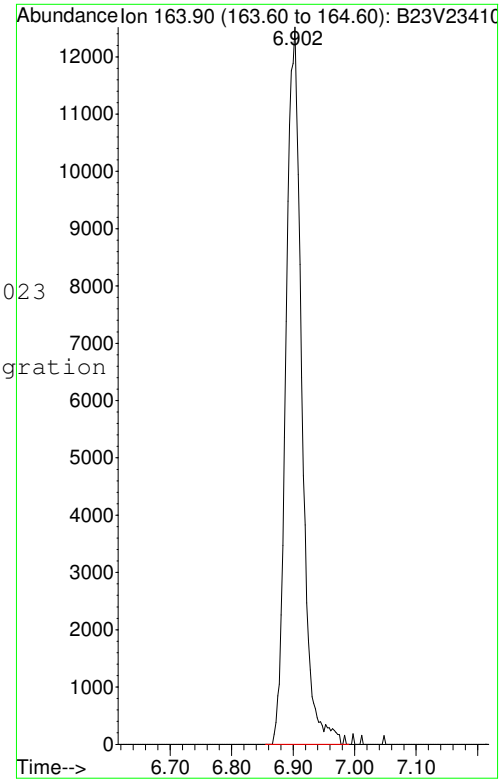
RT : 6.90
Area : 21965
Amount: 10.7629

Manual Int. Results

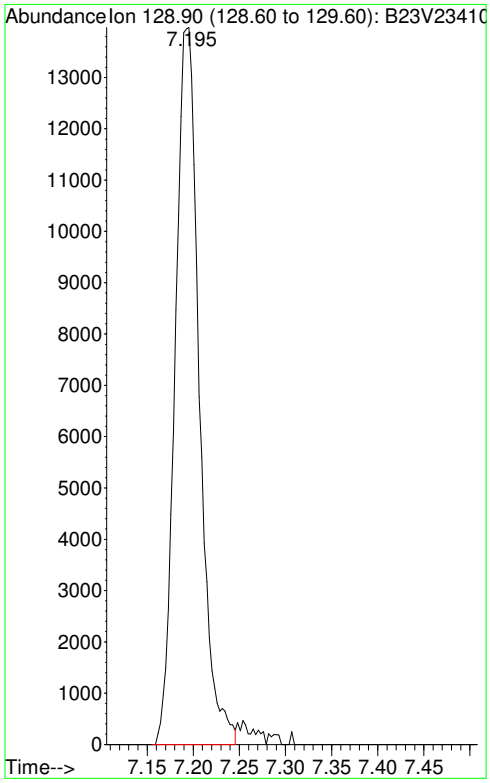
Tue Aug 22 15:04:39 2023

MIuser: LBD
Reason: Incorret Integration
RT : 6.90
Area : 22358
Amount: 10.9554

Manual Integration
TETRACHLOROETHENE



Original Integration
DIBROMOCHLOROMETHANE



Original Int. Results

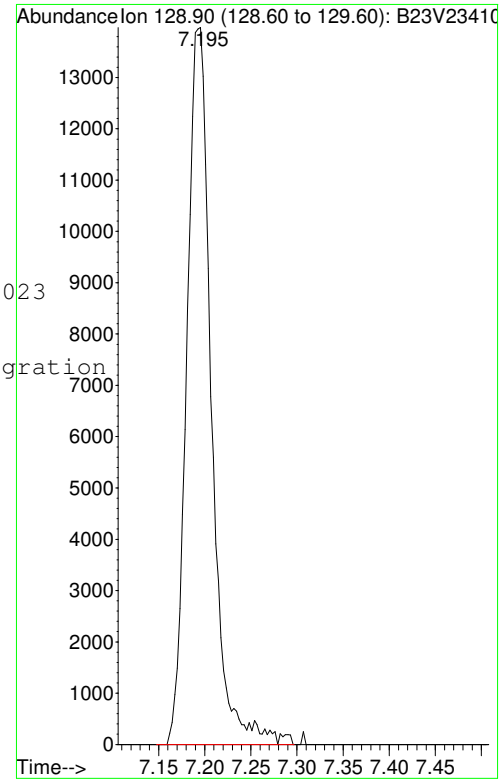
RT : 7.20
Area : 25306
Amount: 10.3436

Manual Int. Results

Tue Aug 22 15:04:45 2023

MIuser: LBD
Reason: Incorret Integration
RT : 7.20
Area : 25995
Amount: 10.6252

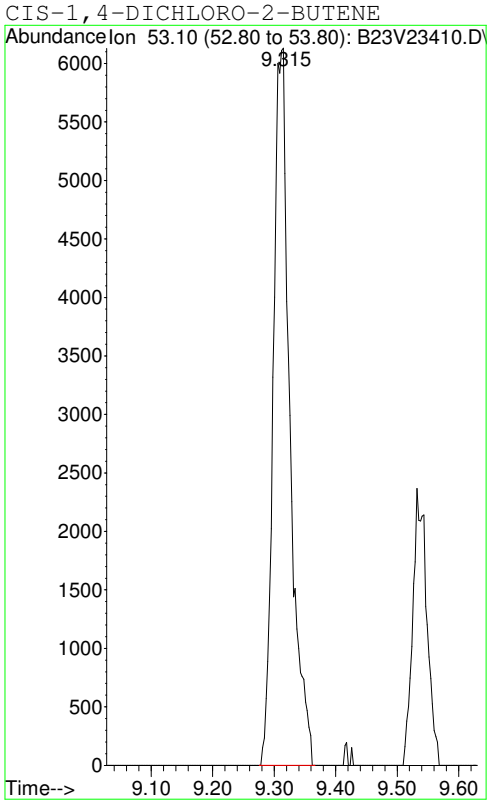
Manual Integration
DIBROMOCHLOROMETHANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23410.D
Acq On : 22 Aug 2023 2:36 pm
Operator :
Sample : 8260 STD 10 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:04:55 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

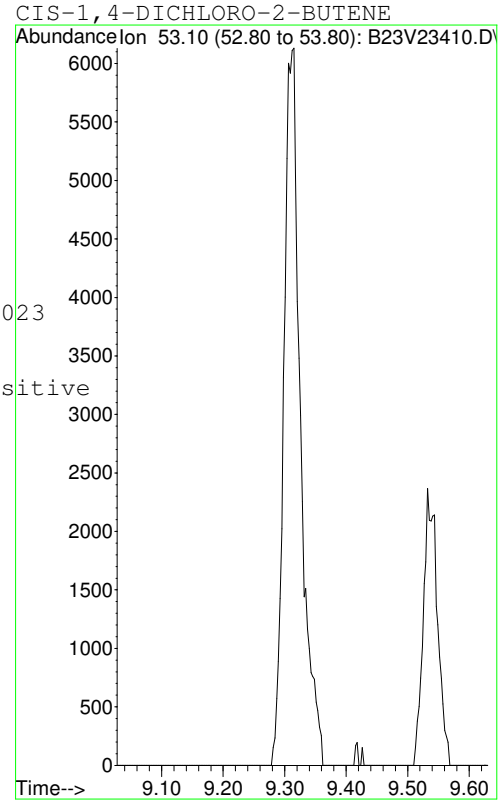
RT : 9.31
Area : 11489
Amount: 0

Manual Int. Results

Tue Aug 22 15:04:54 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 15:21:20 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	128199	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.730	114	228050	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	124854	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135199	30.00	UG/L		-0.02
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	66835	24.51	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
45) TOLUENE-D8 SS	6.267	98	240085	27.40	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.60%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	97862	28.69	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.016	85	49081	20.77	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.024	51	75755	23.63	UG/L		98
5) CHLOROMETHANE	1.119	50	84747	20.61	UG/L		98
6) VINYL CHLORIDE	1.175	62	64514	17.88	UG/L		98
7) BROMOMETHANE	1.345	94	22182	6.51	UG/L		83
8) CHLOROETHANE	1.403	64	32739	12.97	UG/L		97
9) FLUORODICHLOROMETHANE	1.518	67	77125	13.40	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.548	101	62163	10.85	UG/L		93
11) ETHANOL	1.685	45	6998	164.61	UG/L	#	87
12) DI ETHYL ETHER	1.724	59	33339	18.03	UG/L	#	86
13) ACROLEIN	1.819	56	102564	194.72	UG/L	#	95
14) ACETONE	1.922	43	165272	161.42	UG/L		99
15) 1,1-DICHLOROETHENE	1.869	61	70633	15.74	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	37978	13.08	UG/L		98
17) IODOMETHANE	1.980	142	617519	111.64	UG/L		95
18) METHYL ACETATE	2.145	43	48397	17.54	UG/L		97
19) T-BUTYL ALCOHOL	2.323	59	57089	239.57	UG/L		92
20) ACRYLONITRILE	2.435	53	22365	25.20	UG/L		97
21) METHYLENE CHLORIDE	2.220	49	76385	17.56	UG/L		95
22) CARBON DISULFIDE	2.022	76	1158536	142.65	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.432	73	116480	20.76	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.429	61	71028	23.59	UG/L		92
25) 1,1-DICHLOROETHANE	2.811	63	88771	22.15	UG/L		100
26) VINYL ACETATE	2.873	43	1393358	267.94	UG/L		100
27) DI ISOPROPYL ETHER	2.876	45	193353	23.88	UG/L	#	99
28) 2-BUTANONE	3.447	43	270127	232.36	UG/L		99
29) T-BUTYL ETHYL ETHER	3.255	59	151942	24.29	UG/L		97
30) CIS-1,2-DICHLOROETHENE	3.408	61	79132	21.74	UG/L		91
31) 2,2-DICHLOROPROPANE	3.394	77	64426	20.14	UG/L		97
32) ETHYL ACETATE	3.514	43	71518m	25.75	UG/L		
33) BROMOCHLOROMETHANE	3.656	128	22391	23.27	UG/L		88
34) TETRAHYDROFURAN	3.707	42	20561	26.03	UG/L		93
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.748	83	74839	19.37	UG/L		100
37) 1,1,1-TRICHLOROETHANE	3.913	97	71131	20.40	UG/L		92
38) CYCLOHEXANE	3.952	56	104693	25.27	UG/L		97
39) CARBON TETRACHLORIDE	4.075	117	63806	19.40	UG/L		97
40) 1,1-DICHLOROPROPENE	4.089	75	63602	21.68	UG/L		97
41) BENZENE	4.306	78	179669	22.40	UG/L		100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.437	73	124496	23.03	UG/L		93
46) 1,2-DICHLOROETHANE	4.345	62	63269	17.26	UG/L	#	98
47) TRICHLOROETHENE	4.984	95	48506	19.02	UG/L		93
48) METHYLCYCLOHEXANE	5.160	83	83392	20.88	UG/L		92
49) 1,2-DICHLOROPROPANE	5.226	63	52687	3.15	UG/L		90
50) DIBROMOMETHANE	5.352	93	26848	16.03	UG/L		94
51) 1,4-DIOXANE	5.394	88	6231	214.66	UG/L	#	65
52) BROMODICHLOROMETHANE	5.530	83	61018	17.85	UG/L		100

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 11 Sample Multiplier: 1

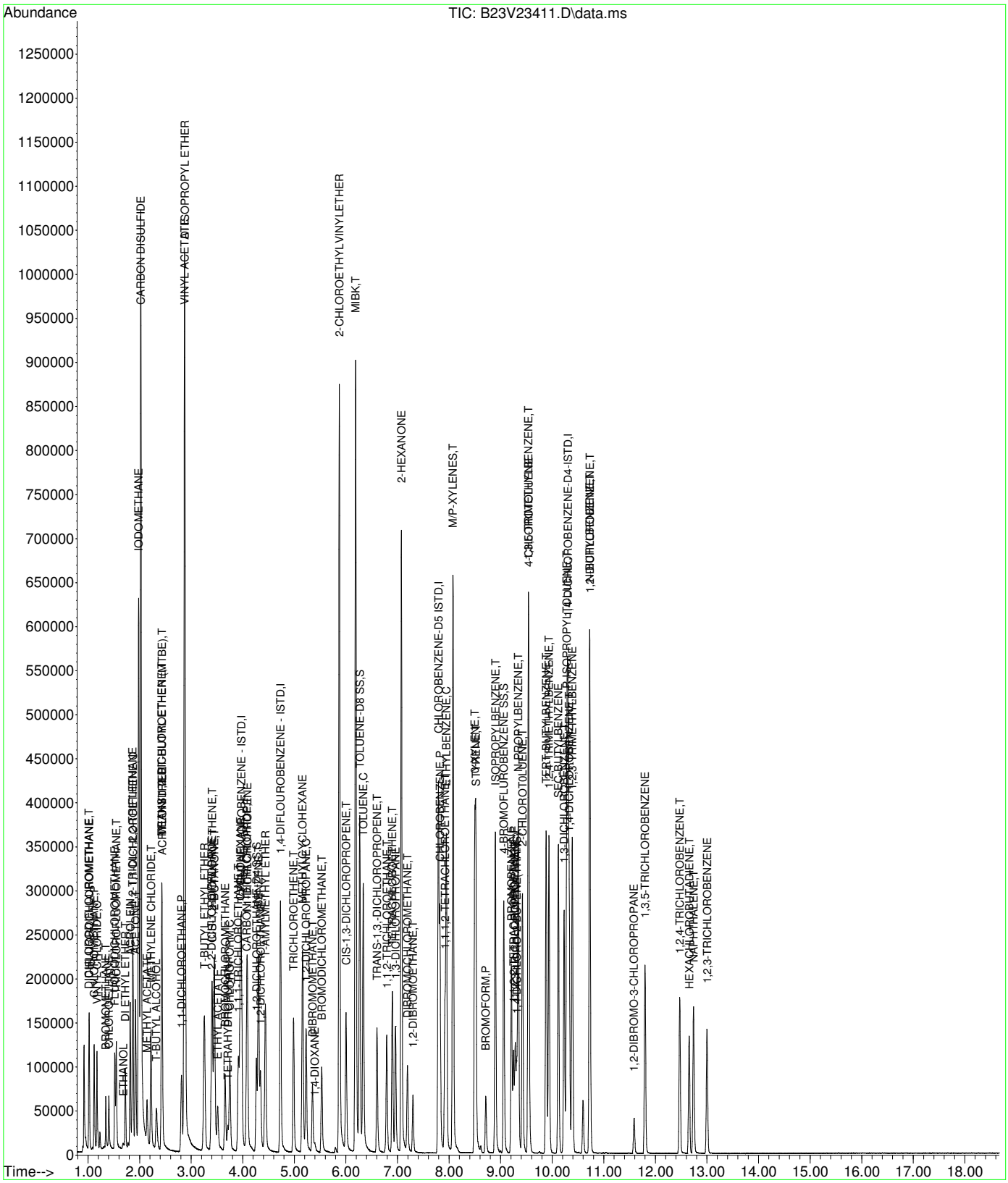
Quant Time: Aug 22 15:21:20 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.873	63	349354	209.33 UG/L		98
54) MIBK	6.189	43	628962	223.93 UG/L		98
55) CIS-1,3-DICHLOROPROPENE	6.002	75	77940	20.36 UG/L		88
56) TOLUENE	6.336	91	213029	22.83 UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	68054	21.72 UG/L		90
58) ETHYL METHACRYLATE	0.000		0	N.D. d		
59) 1,1,2-TRICHLOROETHANE	6.791	97	40819	21.87 UG/L		97
60) 2-HEXANONE	7.075	43	473392	245.81 UG/L		99
61) TETRACHLOROETHENE	6.900	164	44108	22.76 UG/L		96
62) 1,3-DICHLOROPROPANE	6.961	76	73322	22.99 UG/L		94
63) DIBROMOCHLOROMETHANE	7.192	129	51236	22.06 UG/L		99
64) 1,2-DIBROMOETHANE	7.298	107	45828	23.42 UG/L	#	98
67) CHLOROBENZENE	7.823	112	146166	20.52 UG/L		95
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	52252	22.11 UG/L		97
69) ETHYLBENZENE	7.945	91	248567	20.80 UG/L		99
70) M/P-XYLENES	8.074	91	382657	38.89 UG/L		96
71) 0-XYLENE	8.498	91	198198	20.94 UG/L		95
72) STYRENE	8.520	104	164674	21.18 UG/L	#	88
73) BROMOFORM	8.709	173	34025	18.54 UG/L	#	99
74) ISOPROPYLBENZENE	8.899	105	259833	22.91 UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d		
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	58969	18.77 UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	22896	21.98 UG/L	#	88
78) BROMOBENZENE	9.209	77	89929	21.08 UG/L		96
79) 1,2,3-TRICHLOROPROPANE	9.281	110	19195	22.44 UG/L		99
80) N-PROPYLBENZENE	9.340	91	306811	22.71 UG/L		96
81) 2-CHLOROT0LUENE	9.423	91	171490	21.60 UG/L		95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	217921	22.72 UG/L		95
83) 4-CHLOROTOLUENE	9.543	91	201883	21.92 UG/L		95
85) TERT-BUTYLBENZENE	9.881	119	194041	23.65 UG/L		89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	213769	21.82 UG/L		95
87) SEC-BUTYLBENZENE	10.118	105	267124	22.16 UG/L		99
88) 1,3-DICHLOROBENZENE	10.229	146	121763	22.79 UG/L		98
89) P-ISOPROPYLTOLUENE	10.282	119	243823	23.67 UG/L		95
90) 1,4-DICHLOROBENZENE	10.330	146	123656	20.92 UG/L		96
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	219954	22.60 UG/L	#	100
92) N-BUTYLBENZENE	10.726	91	209639	22.86 UG/L		99
93) 1,2-DICHLOROBENZENE	10.728	146	113107	21.63 UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.585	75	10791	25.67 UG/L		90
95) 1,3,5-TRICHLOROBENZENE	11.799	180	79497	27.95 UG/L		94
96) 1,2,4-TRICHLOROBENZENE	12.469	180	66023	31.51 UG/L		98
97) HEXACHLOROBUTADIENE	12.655	225	31063	32.37 UG/L		100
98) NAPHTHALENE	12.742	128	154502	28.54 UG/L		98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	52992	32.63 UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733) Inst : GCMSVOA2
Misc :
ALS Vial : 11 Sample Multiplier: 1

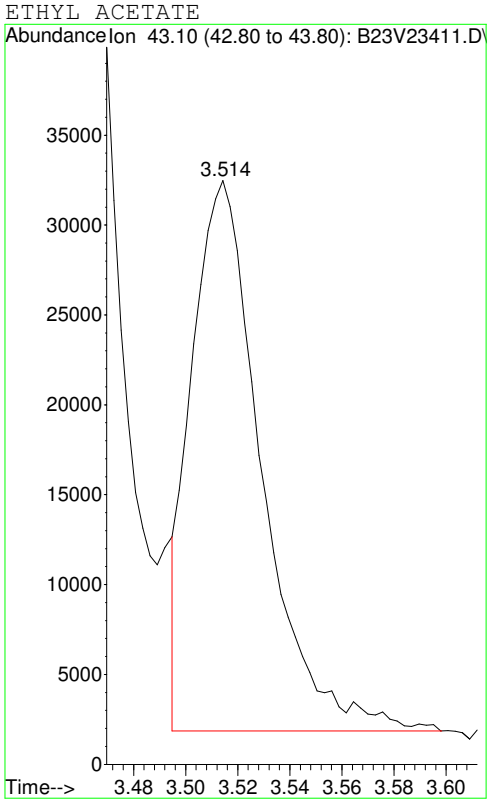
Quant Time: Aug 22 15:21:20 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL ACETATE



Original Int. Results

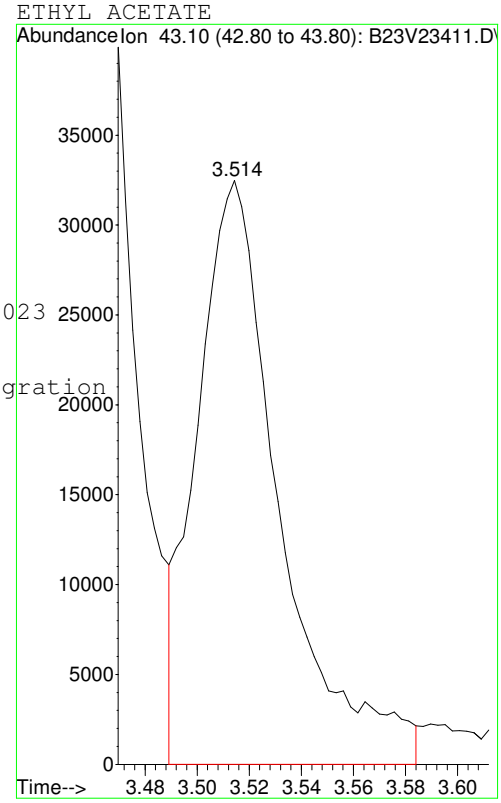
RT : 3.51
Area : 57716
Amount: 20.7819

Manual Int. Results

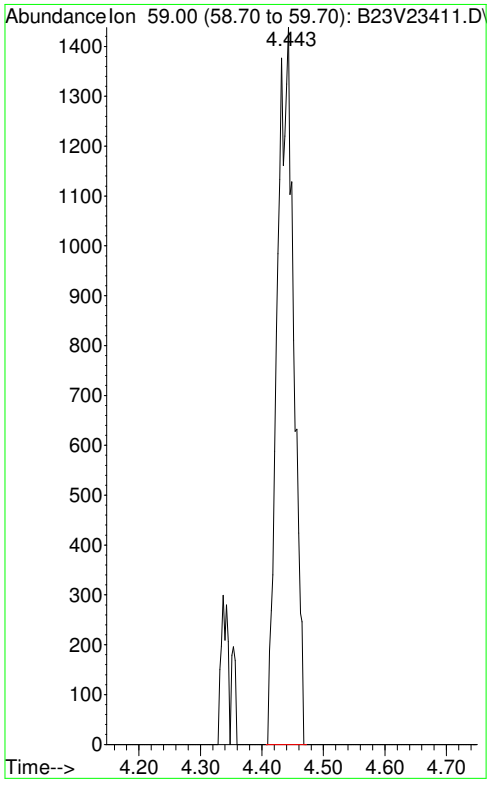
Tue Aug 22 15:21:52 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 71518
Amount: 25.7516

Manual Integration
ETHYL ACETATE



Original Integration
T-BUTYL FORMATE



Original Int. Results

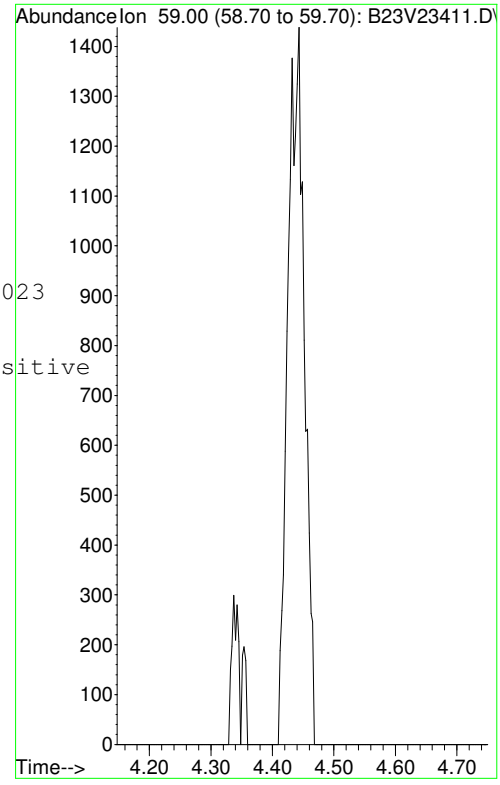
RT : 4.44
Area : 2691
Amount: 0

Manual Int. Results

Tue Aug 22 15:22:00 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

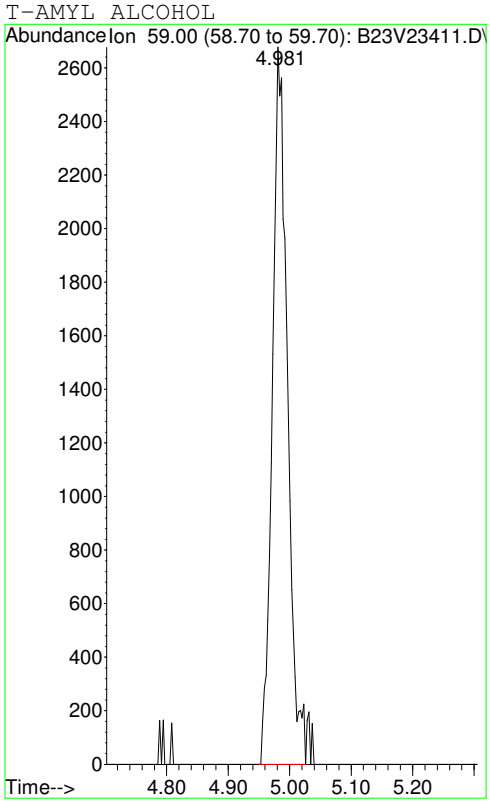
Manual Integration
T-BUTYL FORMATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

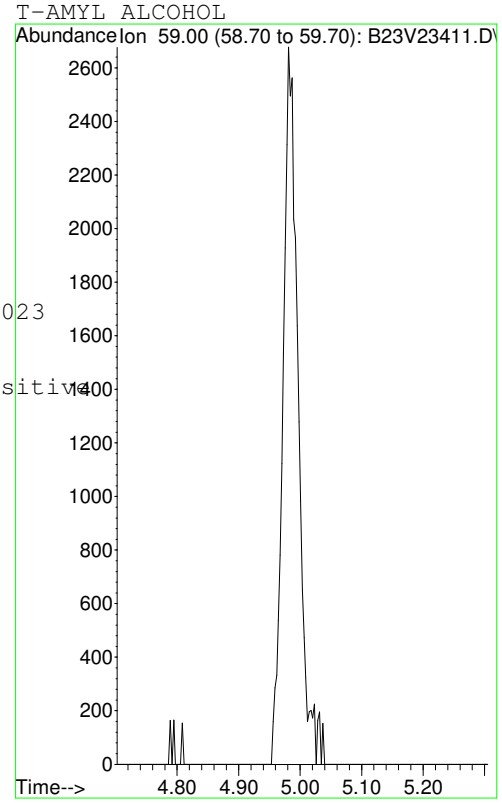
RT : 4.98
Area : 4520
Amount: 0

Manual Int. Results

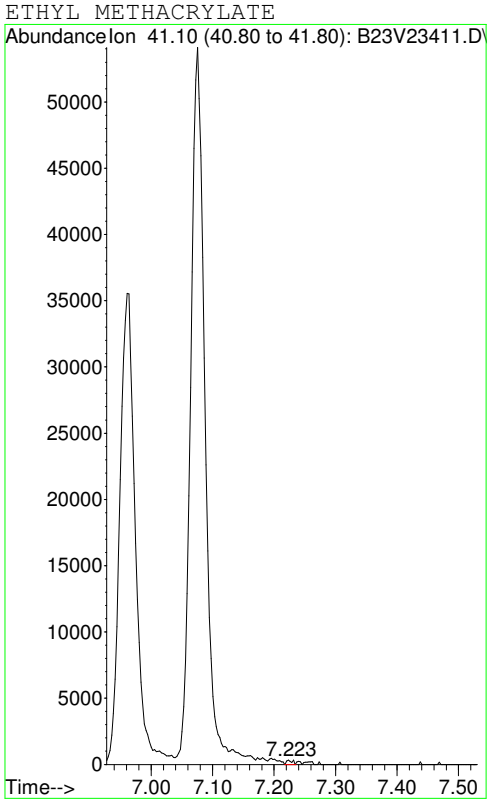
Tue Aug 22 15:22:06 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
ETHYL METHACRYLATE



Original Int. Results

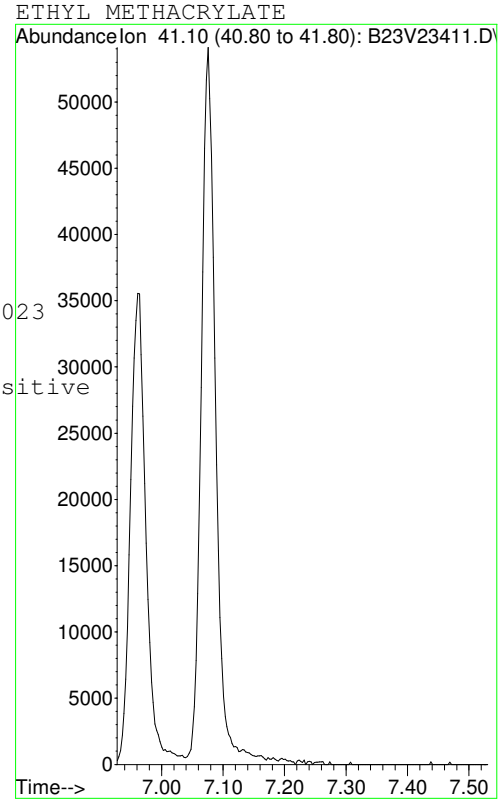
RT : 7.22
Area : 217
Amount: 0

Manual Int. Results

Tue Aug 22 15:22:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

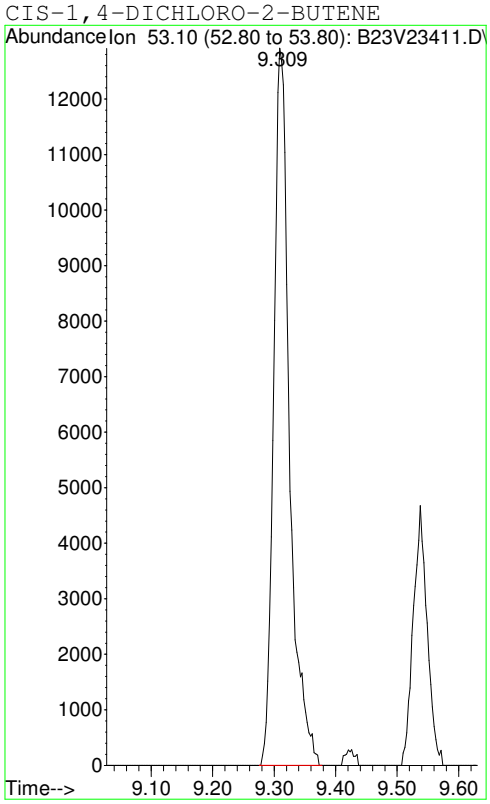
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23411.D
Acq On : 22 Aug 2023 3:02 pm
Operator :
Sample : 8260 STD 20 PPB (2307733)
Misc :

Quant Time : Tue Aug 22 15:22:49 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

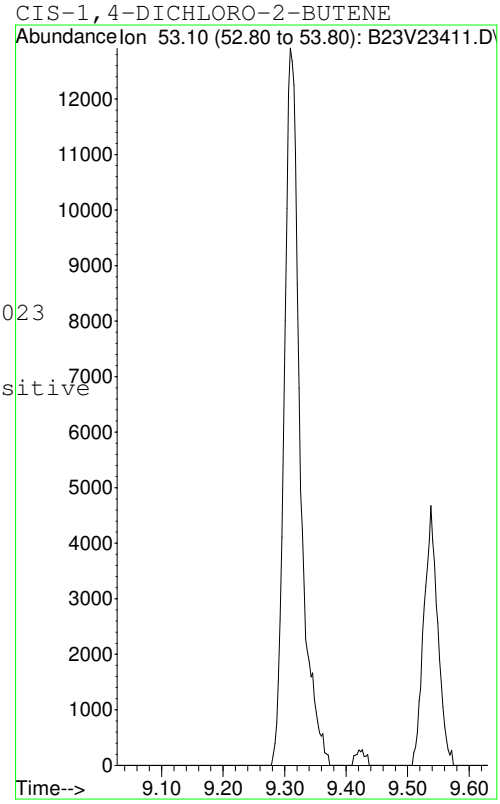
RT : 9.31
Area : 22896
Amount: 0

Manual Int. Results

Tue Aug 22 15:22:48 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 09:20:33 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	128335	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.730	114	229543	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	123871	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	133840	30.00	UG/L		#-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.261	65	66167	24.23	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
45) TOLUENE-D8 SS	6.266	98	241632	27.40	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.60%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	98859	29.22	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	114285	48.32	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.024	51	174895	54.50	UG/L		98
5) CHLOROMETHANE	1.119	50	183867	44.66	UG/L		99
6) VINYL CHLORIDE	1.172	62	141067	39.05	UG/L		98
7) BROMOMETHANE	1.347	94	66412	19.48	UG/L		83
8) CHLOROETHANE	1.406	64	74758	29.58	UG/L		96
9) FLUORODICHLOROMETHANE	1.520	67	178817	31.04	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.551	101	147926	25.79	UG/L		92
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	81166	43.85	UG/L		93
13) ACROLEIN	1.816	56	249054	472.33	UG/L	#	93
14) ACETONE	1.919	43	420756	410.51	UG/L		99
15) 1,1-DICHLOROETHENE	1.872	61	160517	35.73	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	89589	30.82	UG/L		99
17) IODOMETHANE	1.980	142	1393689	251.70	UG/L		96
18) METHYL ACETATE	2.145	43	123593	44.74	UG/L		100
19) T-BUTYL ALCOHOL	2.321	59	142581	597.70	UG/L		92
20) ACRYLONITRILE	2.432	53	54428	61.25	UG/L		97
21) METHYLENE CHLORIDE	2.220	49	176416	40.52	UG/L		95
22) CARBON DISULFIDE	2.025	76	2283923	280.92	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.429	73	284420	50.64	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.429	61	160111	53.12	UG/L		90
25) 1,1-DICHLOROETHANE	2.811	63	208331	51.93	UG/L		99
26) VINYL ACETATE	2.873	43	3285668	631.15	UG/L		99
27) DI ISOPROPYL ETHER	2.876	45	449858	55.49	UG/L	#	97
28) 2-BUTANONE	3.447	43	666458	572.67	UG/L		98
29) T-BUTYL ETHYL ETHER	3.255	59	363949	58.12	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.405	61	186104	51.08	UG/L		90
31) 2,2-DICHLOROPROPANE	3.397	77	159509	49.81	UG/L		98
32) ETHYL ACETATE	3.511	43	166740m	59.97	UG/L		
33) BROMOCHLOROMETHANE	3.656	128	53544	55.59	UG/L		86
34) TETRAHYDROFURAN	3.707	42	48171	60.92	UG/L		95
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.748	83	185568	47.98	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.913	97	168302	48.21	UG/L		94
38) CYCLOHEXANE	3.955	56	230408	55.56	UG/L		97
39) CARBON TETRACHLORIDE	4.077	117	154376	46.89	UG/L		99
40) 1,1-DICHLOROPROPENE	4.089	75	148702	50.64	UG/L		97
41) BENZENE	4.303	78	417810	52.03	UG/L		100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.437	73	309376	57.16	UG/L		93
46) 1,2-DICHLOROETHANE	4.342	62	150529	40.81	UG/L	#	93
47) TRICHLOROETHENE	4.984	95	116280	45.29	UG/L		94
48) METHYLCYCLOHEXANE	5.162	83	186839	46.49	UG/L		91
49) 1,2-DICHLOROPROPANE	5.226	63	125091	7.43	UG/L		91
50) DIBROMOMETHANE	5.352	93	66330	39.35	UG/L		96
51) 1,4-DIOXANE	5.391	88	14831	507.61	UG/L	#	77
52) BROMODICHLOROMETHANE	5.530	83	147705	42.92	UG/L		98

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 12 Sample Multiplier: 1

300

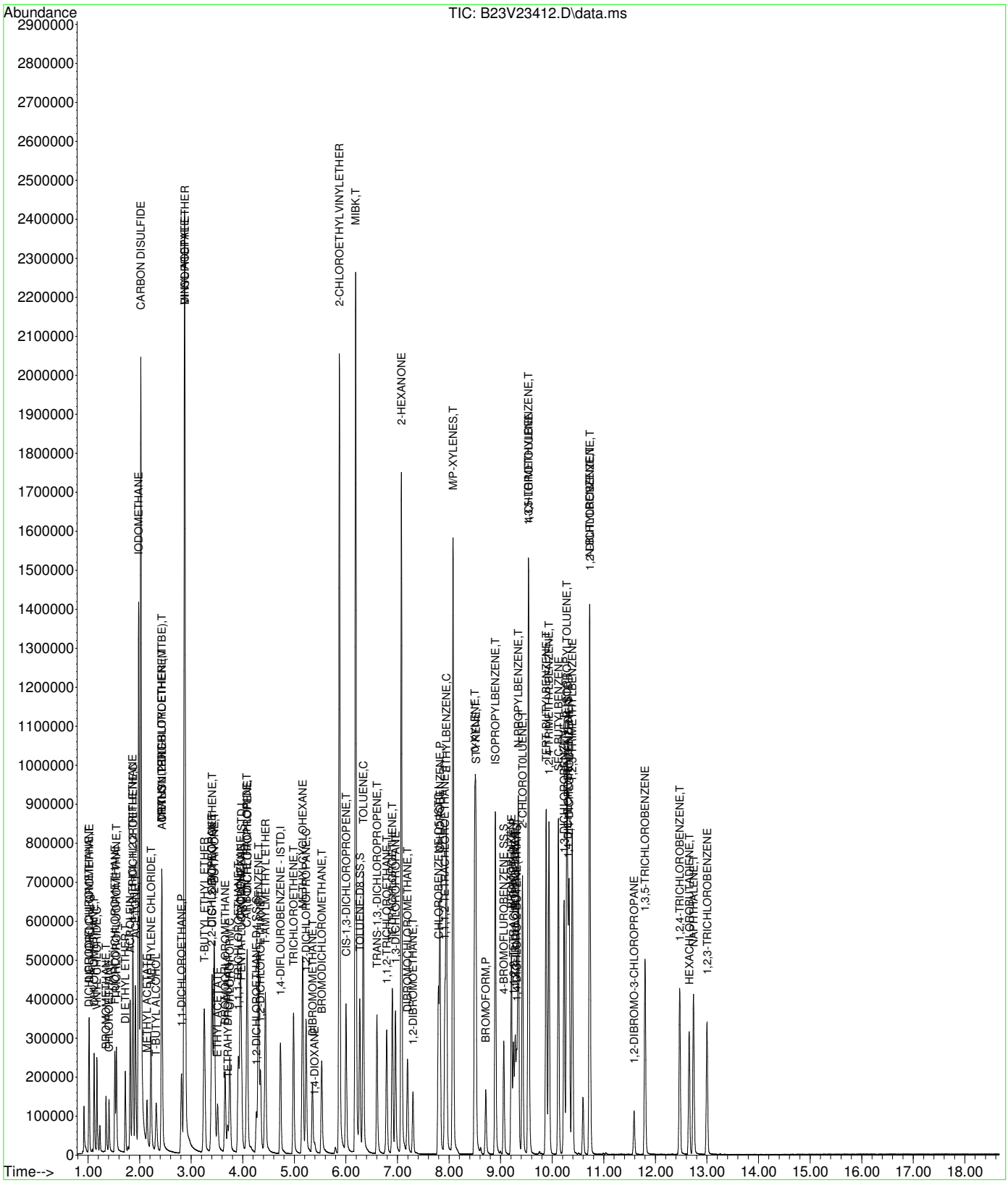
Quant Time: Aug 23 09:20:33 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.873	63	817220	486.49 UG/L		97
54) MIBK	6.188	43	1567187	554.33 UG/L		99
55) CIS-1,3-DICHLOROPROPENE	6.002	75	188596	48.94 UG/L		88
56) TOLUENE	6.336	91	498549	53.09 UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	168903	53.55 UG/L		87
58) ETHYL METHACRYLATE	0.000		0	N.D. d		
59) 1,1,2-TRICHLOROETHANE	6.788	97	101065	53.79 UG/L		96
60) 2-HEXANONE	7.075	43	1173435	605.33 UG/L		99
61) TETRACHLOROETHENE	6.900	164	103719	53.18 UG/L		97
62) 1,3-DICHLOROPROPANE	6.961	76	181866	56.66 UG/L		93
63) DIBROMOCHLOROMETHANE	7.192	129	130852	55.97 UG/L		99
64) 1,2-DIBROMOETHANE	7.298	107	113384	57.58 UG/L	#	97
67) CHLOROBENZENE	7.823	112	351806	49.79 UG/L		95
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	129006	55.03 UG/L		98
69) ETHYLBENZENE	7.948	91	587965	49.59 UG/L		99
70) M/P-XYLENES	8.076	91	913927	93.63 UG/L		96
71) 0-XYLENE	8.497	91	470959	50.14 UG/L		94
72) STYRENE	8.520	104	395125	51.21 UG/L		88
73) BROMOFORM	8.712	173	85840	47.16 UG/L	#	99
74) ISOPROPYLBENZENE	8.896	105	625029	55.54 UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D. d		
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	146407	46.98 UG/L		98
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	57805	55.94 UG/L	#	86
78) BROMOBENZENE	9.209	77	216869	51.24 UG/L		95
79) 1,2,3-TRICHLOROPROPANE	9.284	110	47313	55.74 UG/L		94
80) N-PROPYLBENZENE	9.342	91	735264	54.87 UG/L		96
81) 2-CHLOROT0LUENE	9.423	91	410743	52.16 UG/L		95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	518464	54.49 UG/L		95
83) 4-CHLOROTOLUENE	9.543	91	481967	52.74 UG/L		94
85) TERT-BUTYLBENZENE	9.883	119	464003	57.12 UG/L		89
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	502451	51.80 UG/L		95
87) SEC-BUTYLBENZENE	10.120	105	638579	53.51 UG/L		98
88) 1,3-DICHLOROBENZENE	10.229	146	287789	54.41 UG/L		99
89) P-ISOPROPYLTOLUENE	10.282	119	581927	57.06 UG/L		95
90) 1,4-DICHLOROBENZENE	10.330	146	298056	50.94 UG/L		96
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	521050	54.08 UG/L	#	100
92) N-BUTYLBENZENE	10.726	91	495662	54.60 UG/L		99
93) 1,2-DICHLOROBENZENE	10.728	146	271665	52.48 UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	27111	65.14 UG/L		85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	186117	66.10 UG/L		93
96) 1,2,4-TRICHLOROBENZENE	12.471	180	159683	76.97 UG/L		98
97) HEXACHLOROBUTADIENE	12.655	225	73167	77.02 UG/L		97
98) NAPHTHALENE	12.739	128	386359	72.10 UG/L		98
99) 1,2,3-TRICHLOROBENZENE	13.001	180	128535	79.95 UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 12 Sample Multiplier: 1

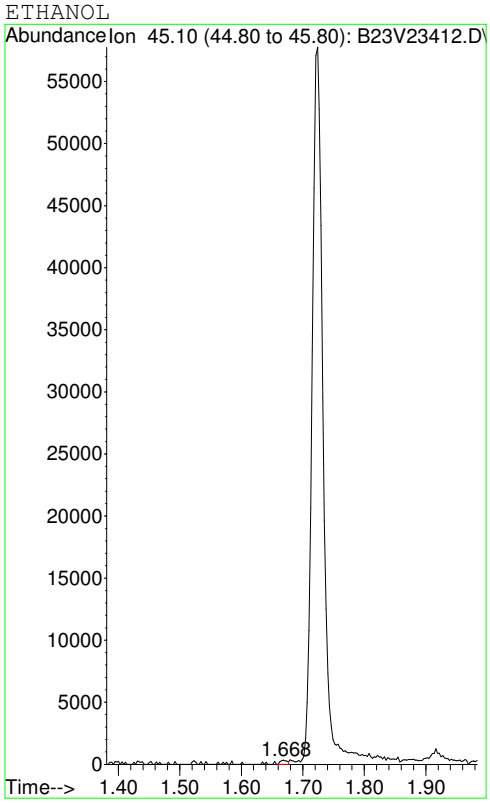
Quant Time: Aug 23 09:20:33 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

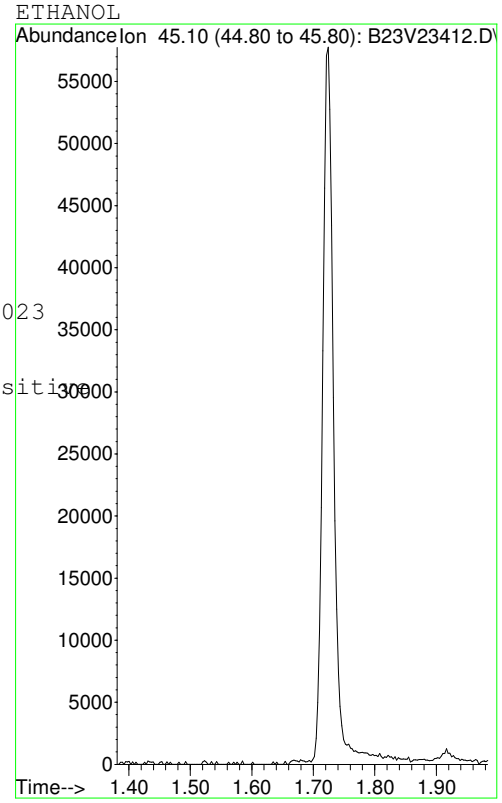
RT : 1.67
Area : 251
Amount: 5.89773

Manual Int. Results

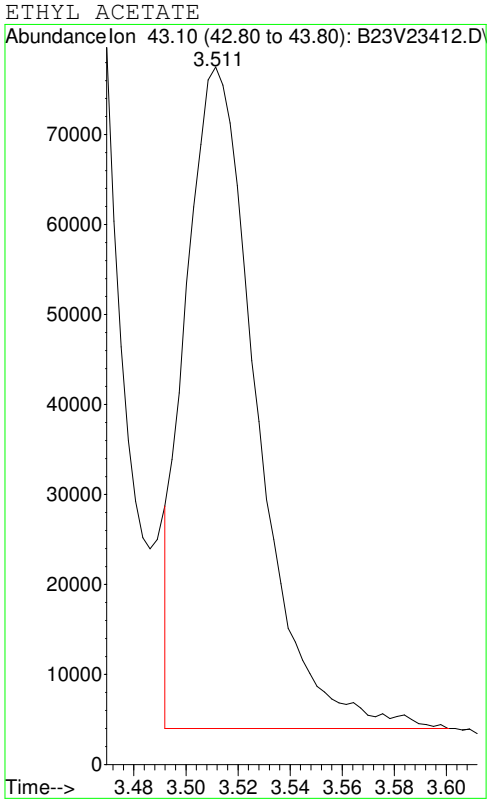
Wed Aug 23 09:28:00 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ETHYL ACETATE



Original Int. Results

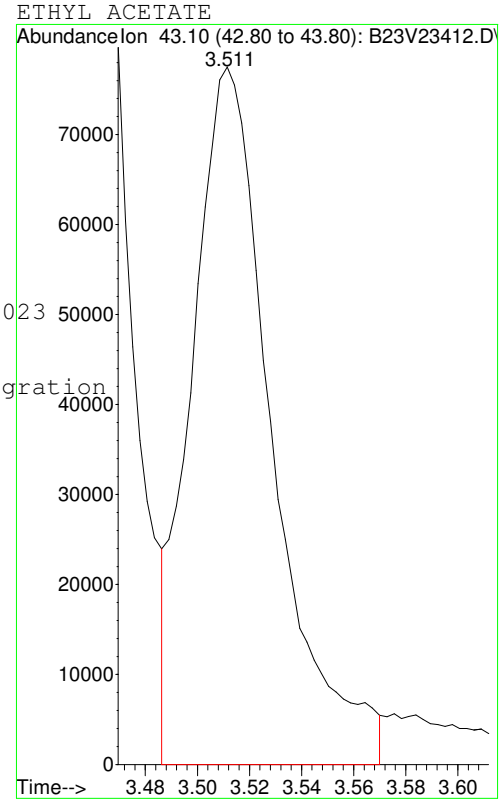
RT : 3.51
Area : 140677
Amount: 50.6001

Manual Int. Results

Wed Aug 23 09:28:17 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 166740
Amount: 59.9747

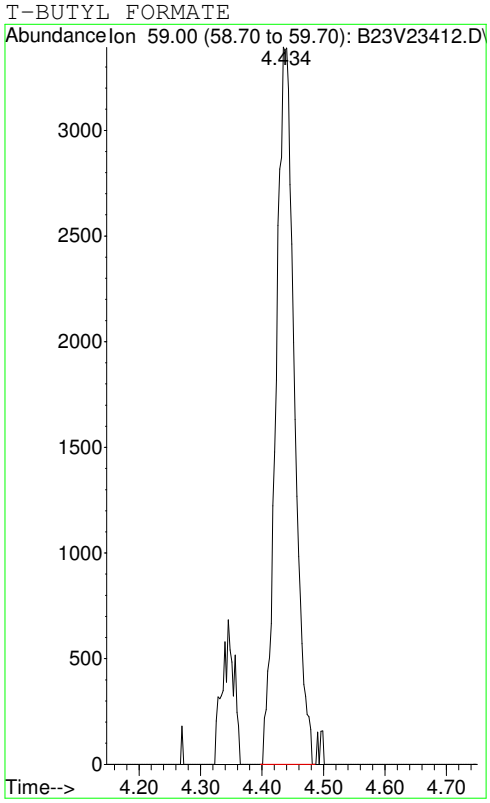
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-BUTYL FORMATE



Original Int. Results

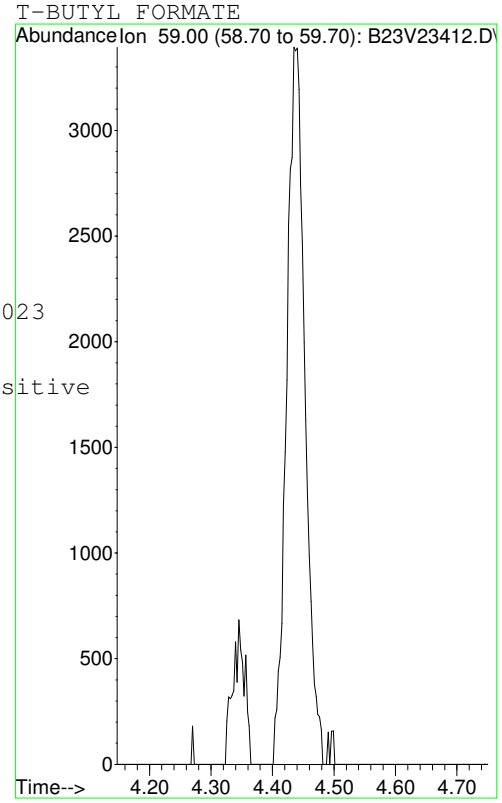
RT : 4.43
Area : 7017
Amount: 0

Manual Int. Results

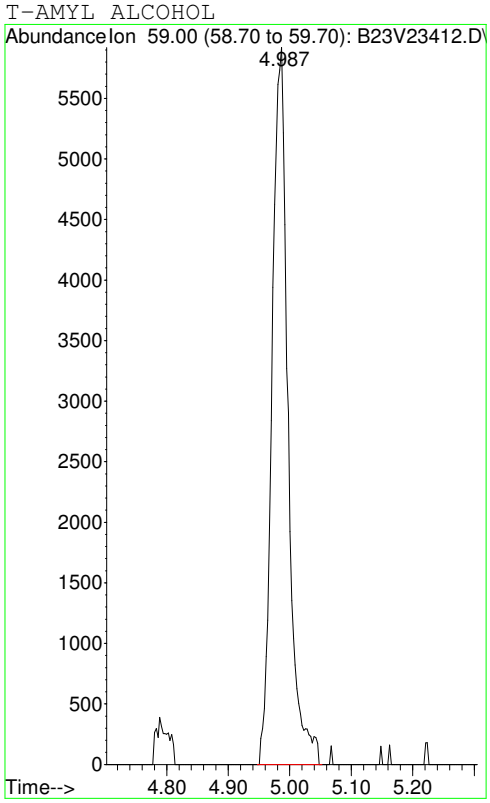
Wed Aug 23 09:28:24 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL FORMATE



Original Integration
T-AMYL ALCOHOL



Original Int. Results

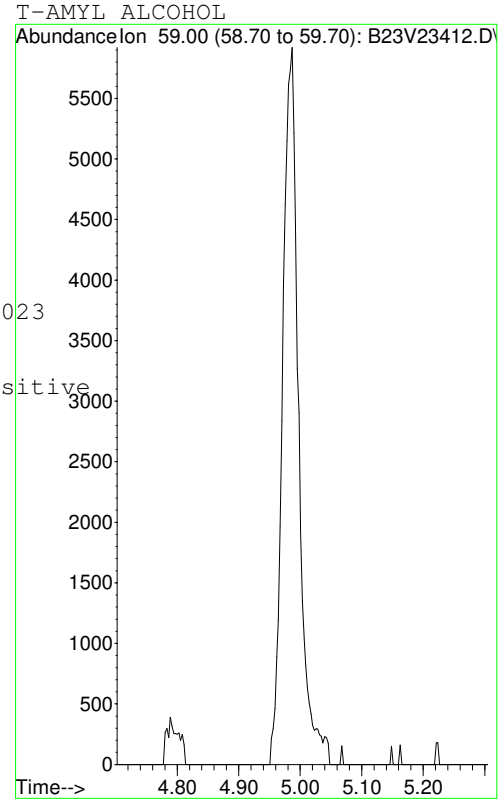
RT : 4.99
Area : 10681
Amount: 0

Manual Int. Results

Wed Aug 23 09:28:30 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

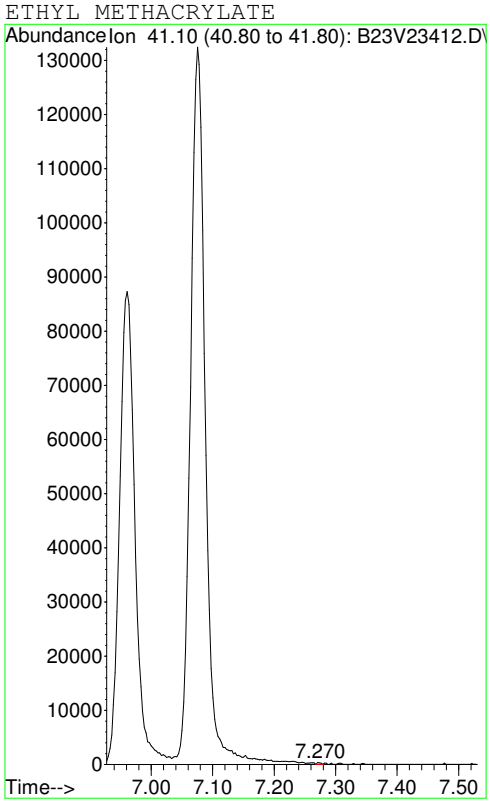
Manual Integration
T-AMYL ALCOHOL



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23412.D
Acq On : 22 Aug 2023 3:28 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :

Quant Time : Wed Aug 23 09:28:57 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

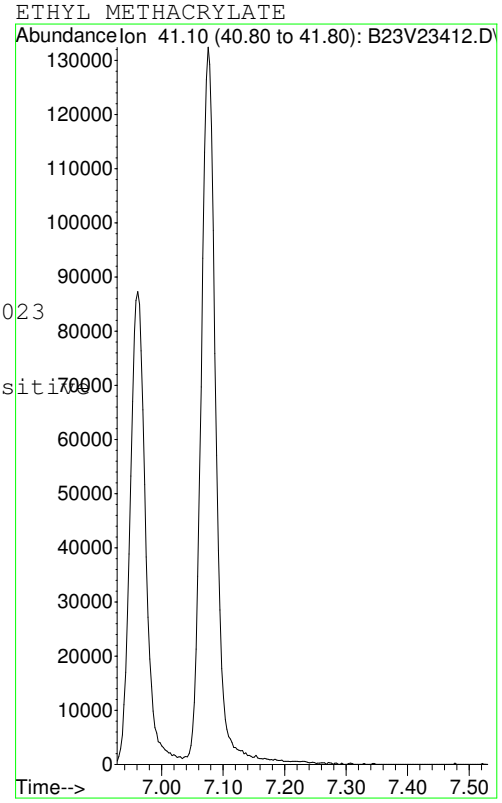
RT : 7.27
Area : 128
Amount: 0

Manual Int. Results

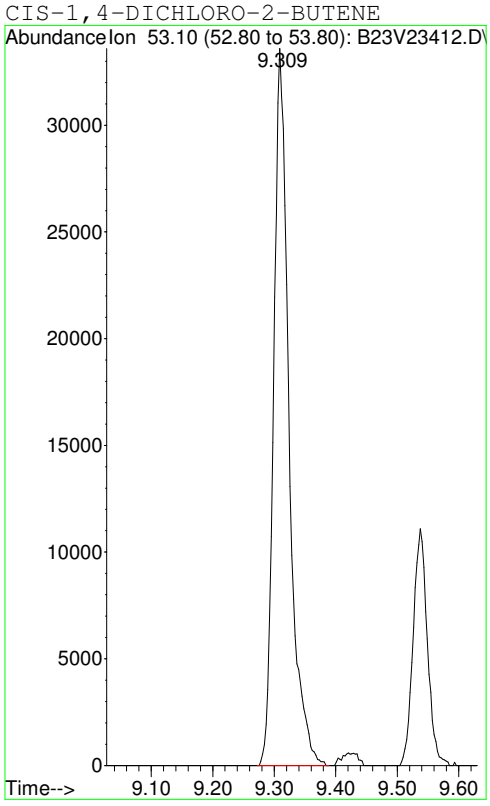
Wed Aug 23 09:28:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

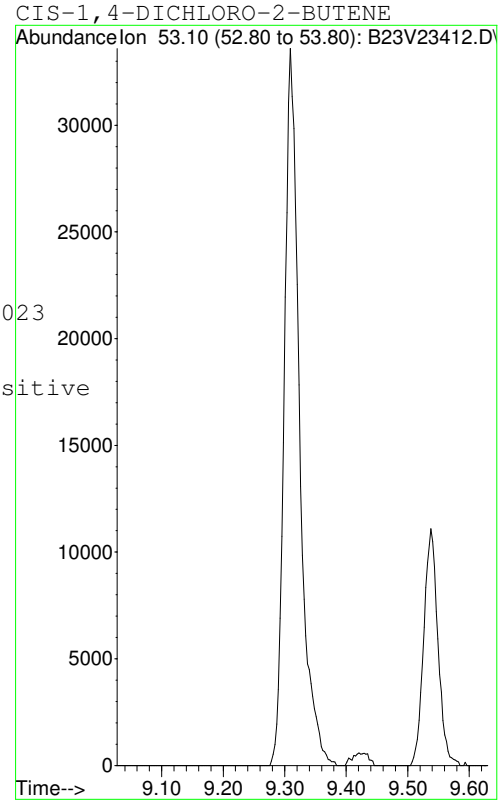
RT : 9.31
Area : 57805
Amount: 0

Manual Int. Results

Wed Aug 23 09:28:56 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 23 09:29:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.977	168	126718	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.730	114	229112	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	125903	30.00	UG/L		-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.305	152	137625	30.00	UG/L		#-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	66897	24.81	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%				
45) TOLUENE-D8 SS	6.272	98	244452	27.77	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.08%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	101480	29.51	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.04%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	229057	98.08	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.021	51	355186	112.09	UG/L		98
5) CHLOROMETHANE	1.116	50	387046	95.22	UG/L		98
6) VINYL CHLORIDE	1.172	62	290967	81.58	UG/L		98
7) BROMOMETHANE	1.345	94	123434	36.67	UG/L		83
8) CHLOROETHANE	1.400	64	150891	60.47	UG/L		96
9) FLUORODICHLOROMETHANE	1.518	67	365361	64.23	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.548	101	302241	53.37	UG/L		93
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	167134	91.45	UG/L		94
13) ACROLEIN	1.816	56	519981	998.73	UG/L	#	93
14) ACETONE	1.919	43	791431	782.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.869	61	326948	73.71	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	179104	62.40	UG/L		99
17) IODOMETHANE	1.980	142	2868648	524.68	UG/L		97
18) METHYL ACETATE	2.142	43	237440	87.04	UG/L		97
19) T-BUTYL ALCOHOL	2.326	59	293938	1247.92	UG/L		92
20) ACRYLONITRILE	2.432	53	113448	129.30	UG/L		96
21) METHYLENE CHLORIDE	2.217	49	360187	83.79	UG/L		94
22) CARBON DISULFIDE	2.022	76	4653279	579.65	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.432	73	583565	105.24	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.429	61	337469	113.40	UG/L		92
25) 1,1-DICHLOROETHANE	2.811	63	431532	108.95	UG/L		99
26) VINYL ACETATE	2.876	43	6887529	1339.92	UG/L		99
27) DI ISOPROPYL ETHER	2.878	45	924843	115.54	UG/L	#	98
28) 2-BUTANONE	3.447	43	1351937	1176.51	UG/L		99
29) T-BUTYL ETHYL ETHER	3.255	59	744066	120.35	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.408	61	380173	105.67	UG/L		90
31) 2,2-DICHLOROPROPANE	3.400	77	316560	100.12	UG/L		97
32) ETHYL ACETATE	3.511	43	319457m	116.37	UG/L		
33) BROMOCHLOROMETHANE	3.659	128	106181	111.64	UG/L		85
34) TETRAHYDROFURAN	3.707	42	100103	128.20	UG/L		93
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.748	83	376513	98.58	UG/L		98
37) 1,1,1-TRICHLOROETHANE	3.916	97	347159	100.72	UG/L		93
38) CYCLOHEXANE	3.952	56	455552	111.25	UG/L		98
39) CARBON TETRACHLORIDE	4.077	117	318928	98.11	UG/L		98
40) 1,1-DICHLOROPROPENE	4.089	75	305093	105.22	UG/L		98
41) BENZENE	4.303	78	866761	109.32	UG/L		100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.440	73	634482	118.73	UG/L		93
46) 1,2-DICHLOROETHANE	4.345	62	310543	84.34	UG/L	#	97
47) TRICHLOROETHENE	4.984	95	237563	92.70	UG/L		94
48) METHYLCYCLOHEXANE	5.162	83	379327	94.55	UG/L		90
49) 1,2-DICHLOROPROPANE	5.226	63	258297	15.37	UG/L		92
50) DIBROMOMETHANE	5.349	93	136794	81.31	UG/L		96
51) 1,4-DIOXANE	5.394	88	29422	1008.91	UG/L	#	81
52) BROMODICHLOROMETHANE	5.530	83	302424	88.04	UG/L		96

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 13 Sample Multiplier: 1

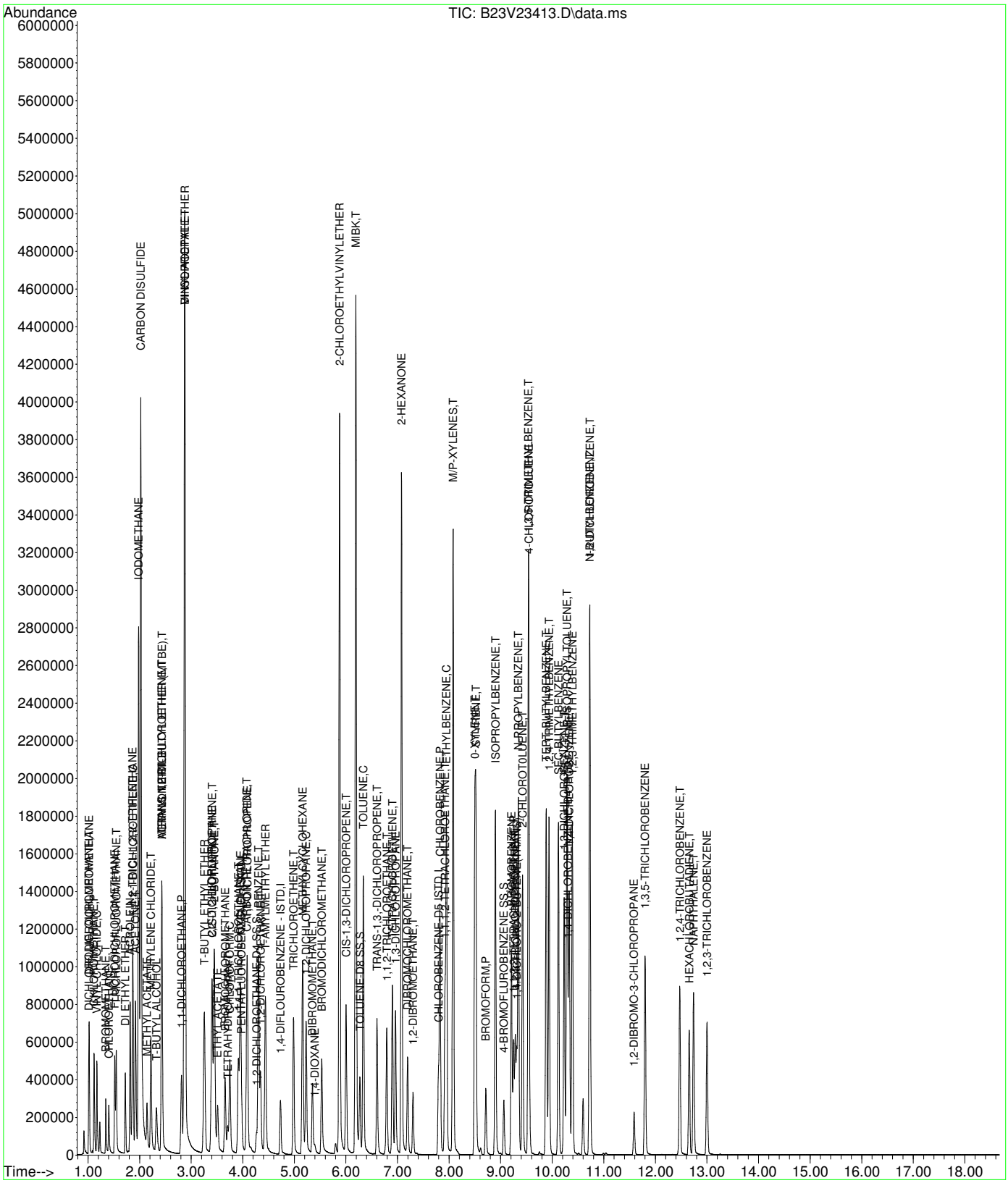
Quant Time: Aug 23 09:29:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.876	63	1607122	958.52	UG/L		97
54) MIBK	6.194	43	3204894	1135.73	UG/L		99
55) CIS-1,3-DICHLOROPROPENE	6.002	75	401014	104.26	UG/L		86
56) TOLUENE	6.336	91	1026993	109.57	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	351923	111.80	UG/L	#	85
58) ETHYL METHACRYLATE	0.000		0	N.D.	d		
59) 1,1,2-TRICHLOROETHANE	6.791	97	207239	110.51	UG/L		97
60) 2-HEXANONE	7.078	43	2398169	1239.46	UG/L		99
61) TETRACHLOROETHENE	6.902	164	215205	110.55	UG/L		97
62) 1,3-DICHLOROPROPANE	6.961	76	379958	118.60	UG/L		91
63) DIBROMOCHLOROMETHANE	7.195	129	272205	116.64	UG/L		100
64) 1,2-DIBROMOETHANE	7.301	107	230659	117.35	UG/L	#	99
67) CHLOROBENZENE	7.823	112	732013	101.93	UG/L		95
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	267336	112.19	UG/L		99
69) ETHYLBENZENE	7.948	91	1224418	101.59	UG/L		99
70) M/P-XYLENES	8.076	91	1905694	192.08	UG/L		96
71) 0-XYLENE	8.497	91	980706	102.73	UG/L		94
72) STYRENE	8.520	104	827488	105.53	UG/L	#	88
73) BROMOFORM	8.712	173	180776	97.71	UG/L	#	99
74) ISOPROPYLBENZENE	8.899	105	1294826	113.21	UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d		
76) 1,1,2,2-TETRACHLOROETHANE	9.250	83	307314	97.02	UG/L		98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	121327	115.52	UG/L	#	85
78) BROMOBENZENE	9.209	77	452626	105.22	UG/L		95
79) 1,2,3-TRICHLOROPROPANE	9.287	110	98011	113.60	UG/L		95
80) N-PROPYLBENZENE	9.342	91	1521296	111.69	UG/L		95
81) 2-CHLOROT0LUENE	9.426	91	857060	107.07	UG/L		95
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	1083862	112.07	UG/L		96
83) 4-CHLOROTOLUENE	9.546	91	1004728	108.17	UG/L		94
85) TERT-BUTYLBENZENE	9.883	119	965164	115.54	UG/L		89
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	1053478	105.62	UG/L		96
87) SEC-BUTYLBENZENE	10.120	105	1331828	108.54	UG/L		98
88) 1,3-DICHLOROBENZENE	10.229	146	602734	110.81	UG/L		99
89) P-ISOPROPYLTOLUENE	10.285	119	1215903	115.94	UG/L	#	94
90) 1,4-DICHLOROBENZENE	10.330	146	613158	101.92	UG/L		96
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	1078068	108.81	UG/L	#	100
92) N-BUTYLBENZENE	10.726	91	1033294	110.70	UG/L		99
93) 1,2-DICHLOROBENZENE	10.728	146	559102	105.04	UG/L		100
94) 1,2-DIBROMO-3-CHLOROPR...	11.585	75	56080	131.03	UG/L		85
95) 1,3,5-TRICHLOROBENZENE	11.799	180	392577	135.59	UG/L		93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	334003	156.57	UG/L		98
97) HEXACHLOROBUTADIENE	12.655	225	154500	158.17	UG/L		98
98) NAPHTHALENE	12.739	128	801385	145.44	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.998	180	267925	162.07	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 13 Sample Multiplier: 1

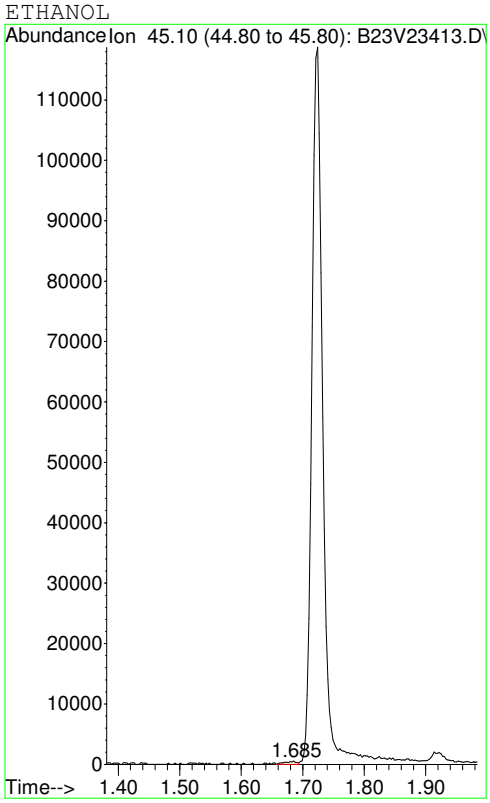
Quant Time: Aug 23 09:29:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

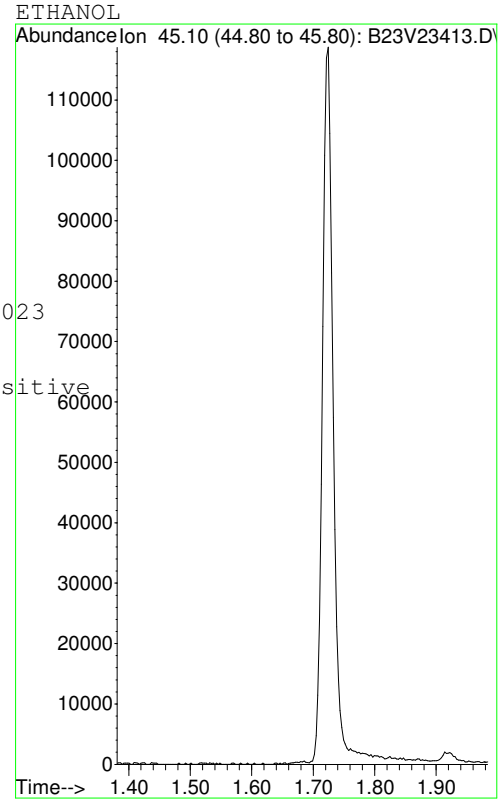
RT : 1.68
Area : 635
Amount: 15.111

Manual Int. Results

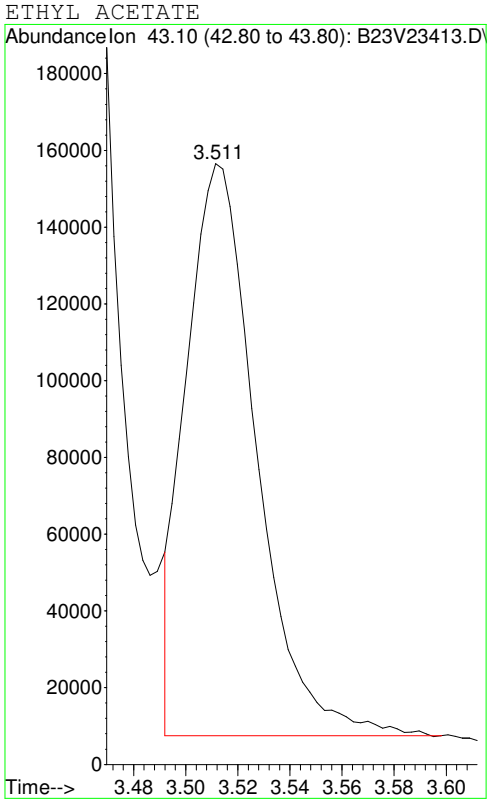
Wed Aug 23 09:30:05 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ETHYL ACETATE



Original Int. Results

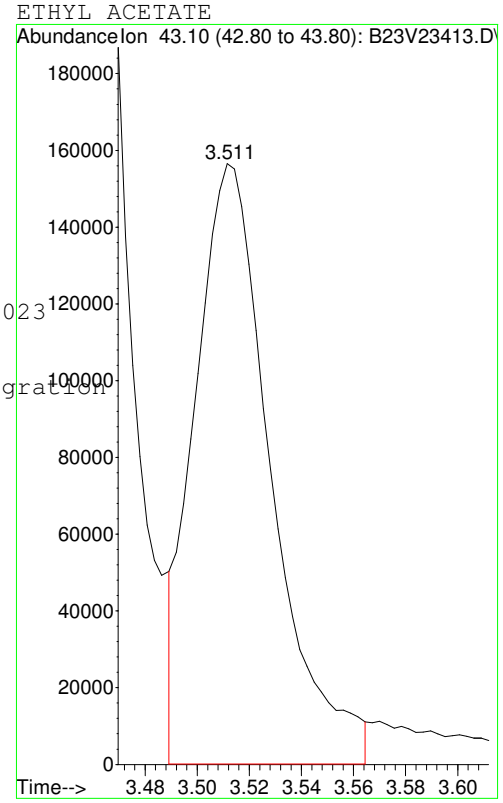
RT : 3.51
Area : 281732
Amount: 102.629

Manual Int. Results

Wed Aug 23 09:30:36 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 319457
Amount: 116.372

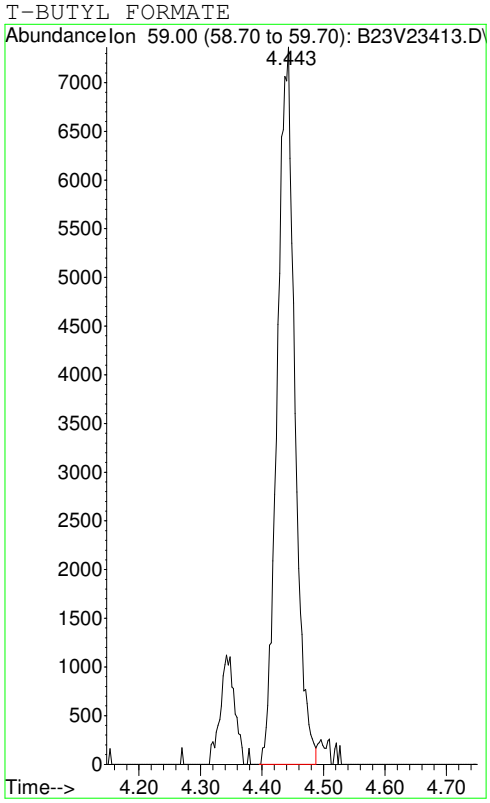
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-BUTYL FORMATE



Original Int. Results

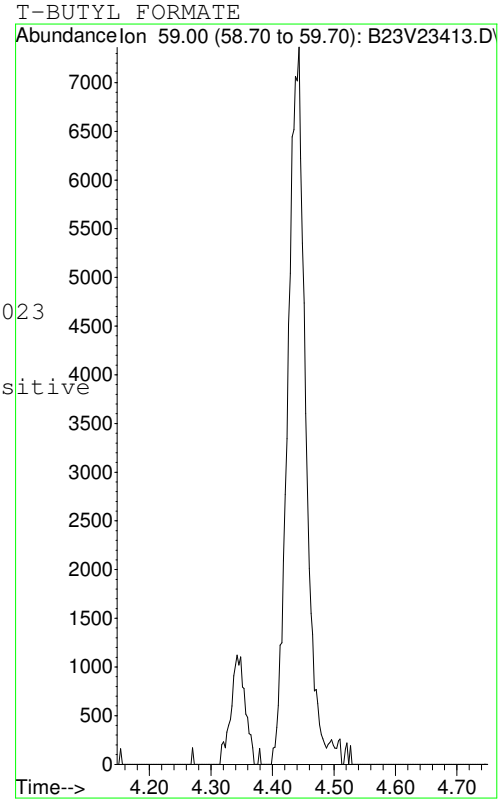
RT : 4.44
Area : 14559
Amount: 0

Manual Int. Results

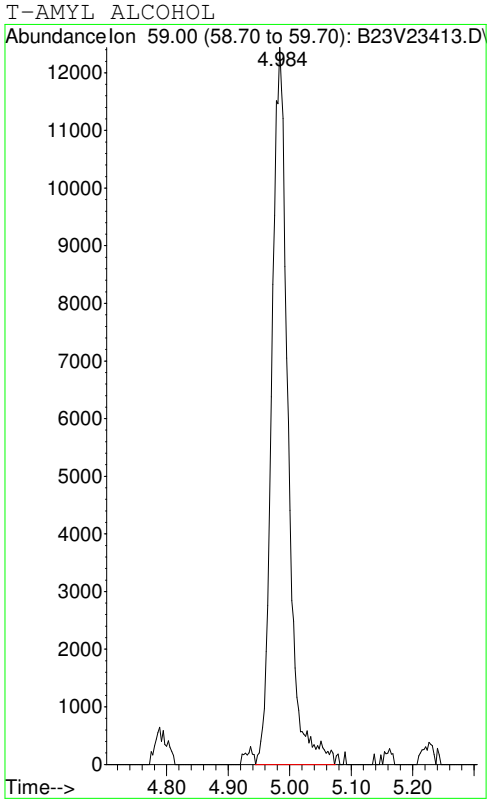
Wed Aug 23 09:30:45 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL FORMATE



Original Integration
T-AMYL ALCOHOL



Original Int. Results

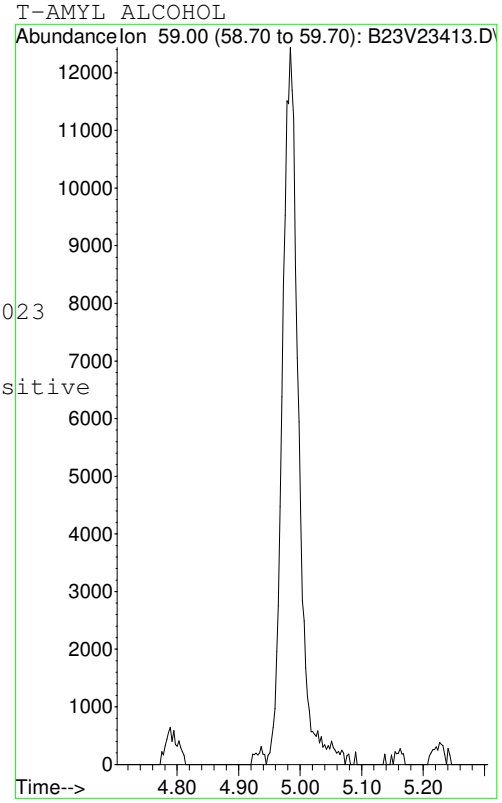
RT : 4.98
Area : 22814
Amount: 0

Manual Int. Results

Wed Aug 23 09:30:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

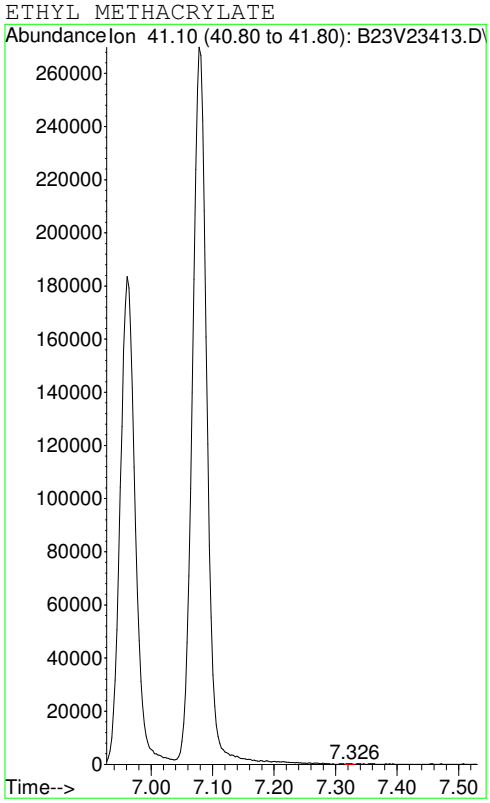
Manual Integration
T-AMYL ALCOHOL



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23413.D
Acq On : 22 Aug 2023 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :

Quant Time : Wed Aug 23 09:31:17 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

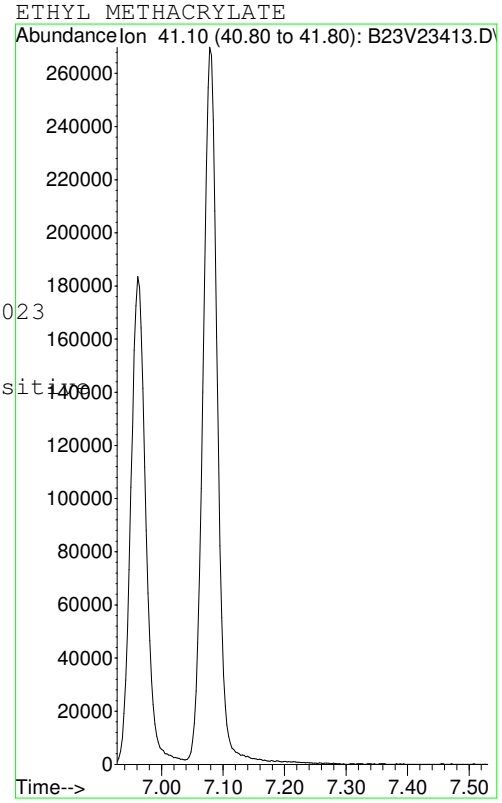
RT : 7.33
Area : 118
Amount: 0

Manual Int. Results

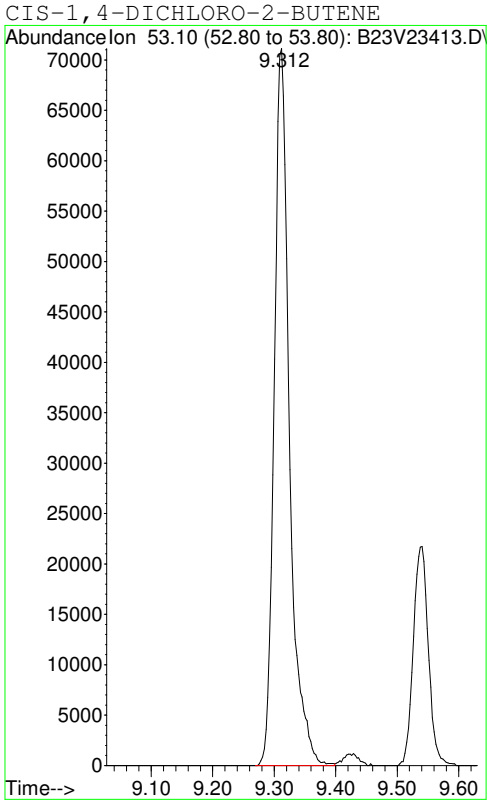
Wed Aug 23 09:31:04 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

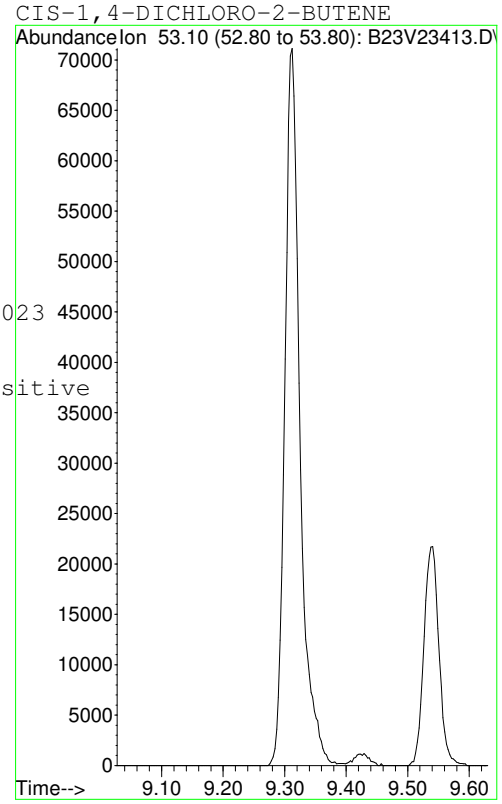
RT : 9.31
Area : 121327
Amount: 0

Manual Int. Results

Wed Aug 23 09:31:15 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 23 09:31:52 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	126943	30.00	UG/L		-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	226613	30.00	UG/L		-0.02
65) CHLOROBENZENE-D5 ISTD	7.795	82	128344	30.00	UG/L		-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	138082	30.00	UG/L	#	-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	67136	24.86	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%				
45) TOLUENE-D8 SS	6.272	98	243812	28.00	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.00%				
66) 4-BROMOFLUROBENZENE SS	9.063	95	103156	29.42	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	446357	190.79	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.021	51	701356	220.94	UG/L		98
5) CHLOROMETHANE	1.116	50	800078	196.48	UG/L		99
6) VINYL CHLORIDE	1.174	62	576264	161.28	UG/L		98
7) BROMOMETHANE	1.342	94	218208	64.71	UG/L		85
8) CHLOROETHANE	1.398	64	264633	105.86	UG/L		96
9) FLUORODICHLOROMETHANE	1.515	67	724361	127.12	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.543	101	596505	105.15	UG/L		94
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.724	59	326022	178.07	UG/L		92
13) ACROLEIN	1.819	56	1000841	1918.91	UG/L	#	93
14) ACETONE	1.925	43	1497015	1476.59	UG/L		97
15) 1,1-DICHLOROETHENE	1.869	61	641375	144.34	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.860	101	360760	125.47	UG/L		100
17) IODOMETHANE	1.980	142	5479135	1000.37	UG/L		98
18) METHYL ACETATE	2.145	43	461835	169.00	UG/L		97
19) T-BUTYL ALCOHOL	2.337	59	558244	2365.83	UG/L	#	91
20) ACRYLONITRILE	2.435	53	214000	243.47	UG/L		96
21) METHYLENE CHLORIDE	2.217	49	709359	164.72	UG/L		94
22) CARBON DISULFIDE	2.022	76	9066737	1127.42	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.432	73	1151684	207.32	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.426	61	655814	219.99	UG/L		91
25) 1,1-DICHLOROETHANE	2.811	63	850450	214.33	UG/L		99
26) VINYL ACETATE	2.881	43	13113460	2546.61	UG/L		99
27) DI ISOPROPYL ETHER	2.881	45	1795037	223.86	UG/L	#	98
28) 2-BUTANONE	3.453	43	2561500	2225.16	UG/L		99
29) T-BUTYL ETHYL ETHER	3.255	59	1474997	238.14	UG/L		96
30) CIS-1,2-DICHLOROETHENE	3.405	61	752546	208.80	UG/L		90
31) 2,2-DICHLOROPROPANE	3.397	77	629406	198.71	UG/L		98
32) ETHYL ACETATE	3.514	43	625965m	227.62	UG/L		
33) BROMOCHLOROMETHANE	3.659	128	191654	201.15	UG/L		84
34) TETRAHYDROFURAN	3.709	42	191941	245.39	UG/L		93
35) T-BUTYL FORMATE	0.000		0	N.D.	d		
36) CHLOROFORM	3.751	83	744191	194.51	UG/L		98
37) 1,1,1-TRICHLOROETHANE	3.916	97	692703	200.62	UG/L		92
38) CYCLOHEXANE	3.955	56	897963	218.90	UG/L		99
39) CARBON TETRACHLORIDE	4.077	117	628321	192.95	UG/L		100
40) 1,1-DICHLOROPROPENE	4.089	75	599072	206.25	UG/L		97
41) BENZENE	4.306	78	1712515	215.60	UG/L		100
42) T-AMYL ALCOHOL	0.000		0	N.D.	d		
43) T-AMYLMETHYL ETHER	4.440	73	1259089	235.19	UG/L		92
46) 1,2-DICHLOROETHANE	4.345	62	615524	169.01	UG/L	#	97
47) TRICHLOROETHENE	4.986	95	476047	187.80	UG/L		94
48) METHYLCYCLOHEXANE	5.162	83	756172	190.57	UG/L		90
49) 1,2-DICHLOROPROPANE	5.229	63	517144	31.11	UG/L		91
50) DIBROMOMETHANE	5.352	93	272952	164.04	UG/L		96
51) 1,4-DIOXANE	5.402	88	61513	2132.60	UG/L	#	76
52) BROMODICHLOROMETHANE	5.530	83	613473	180.55	UG/L		97

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 14 Sample Multiplier: 1

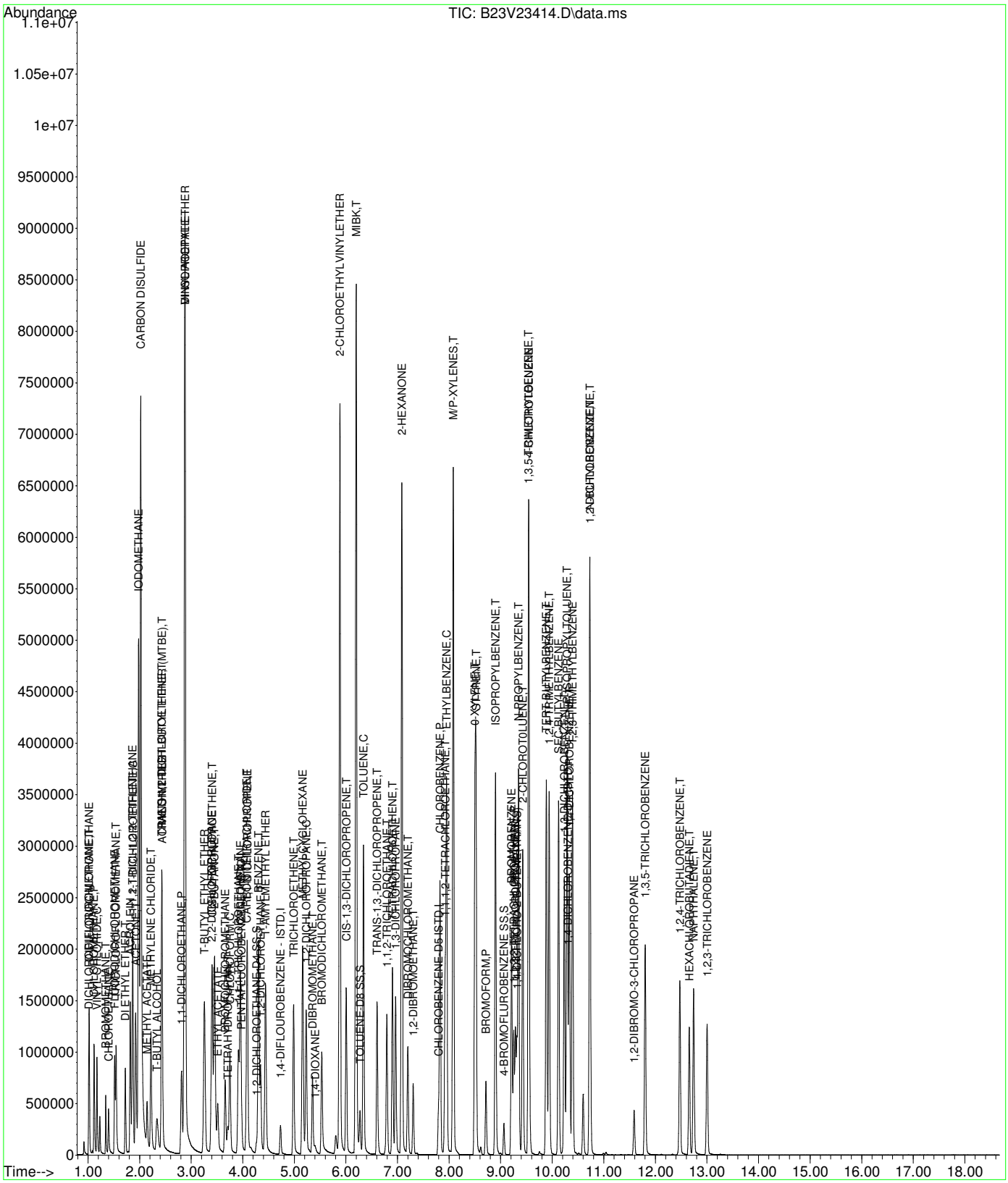
Quant Time: Aug 23 09:31:52 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.884	63	3058605	1844.32	UG/L		97
54) MIBK	6.200	43	6139697	2199.74	UG/L		99
55) CIS-1,3-DICHLOROPROPENE	6.007	75	809820	212.87	UG/L	#	85
56) TOLUENE	6.342	91	2051398	221.27	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.604	75	709698	227.94	UG/L	#	86
58) ETHYL METHACRYLATE	0.000		0	N.D.	d		
59) 1,1,2-TRICHLOROETHANE	6.794	97	416946	224.78	UG/L		97
60) 2-HEXANONE	7.084	43	4598720	2402.99	UG/L		99
61) TETRACHLOROETHENE	6.902	164	430855	223.77	UG/L		97
62) 1,3-DICHLOROPROPANE	6.964	76	759346	239.63	UG/L		91
63) DIBROMOCHLOROMETHANE	7.201	129	553288	239.70	UG/L		100
64) 1,2-DIBROMOETHANE	7.304	107	465533	239.47	UG/L	#	98
67) CHLOROBENZENE	7.825	112	1481126	202.32	UG/L		95
68) 1,1,1,2-TETRACHLOROETHANE	7.923	131	547605	225.44	UG/L		98
69) ETHYLBENZENE	7.951	91	2468742	200.94	UG/L		98
70) M/P-XYLENES	8.079	91	3819819	377.69	UG/L		96
71) 0-XYLENE	8.500	91	1977200	203.17	UG/L		94
72) STYRENE	8.522	104	1666004	208.42	UG/L	#	88
73) BROMOFORM	8.715	173	366231	194.18	UG/L	#	99
74) ISOPROPYLBENZENE	8.899	105	2627882	225.38	UG/L		99
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	d		
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	602945	186.73	UG/L		98
77) 1,4-DICHLORO-2-BUTENE(...	9.314	53	240795	224.90	UG/L	#	83
78) BROMOBENZENE	9.211	77	918094	209.36	UG/L		95
79) 1,2,3-TRICHLOROPROPANE	9.289	110	192015	218.33	UG/L		92
80) N-PROPYLBENZENE	9.345	91	3045202	219.32	UG/L		95
81) 2-CHLOROT0LUENE	9.429	91	1720363	210.84	UG/L		94
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	2158913	218.99	UG/L		96
83) 4-CHLOROTOLUENE	9.546	91	2012332	212.53	UG/L		95
85) TERT-BUTYLBENZENE	9.886	119	1928298	230.08	UG/L		89
86) 1,2,4-TRIMETHYLBENZENE	9.942	105	2104525	210.30	UG/L		95
87) SEC-BUTYLBENZENE	10.123	105	2655565	215.70	UG/L		98
88) 1,3-DICHLOROBENZENE	10.235	146	1203494	220.53	UG/L		99
89) P-ISOPROPYLTOLUENE	10.288	119	2412992	229.31	UG/L	#	94
90) 1,4-DICHLOROBENZENE	10.332	146	1232701	204.23	UG/L		96
91) 1,2,3-TRIMETHYLBENZENE	10.394	105	2157857	217.08	UG/L	#	100
92) N-BUTYLBENZENE	10.728	91	2036983	217.51	UG/L		98
93) 1,2-DICHLOROBENZENE	10.731	146	1107840	207.44	UG/L		100
94) 1,2-DIBROMO-3-CHLOROPR...	11.587	75	107807	251.06	UG/L		85
95) 1,3,5-TRICHLOROBENZENE	11.802	180	765353	263.47	UG/L		93
96) 1,2,4-TRICHLOROBENZENE	12.474	180	644218	300.99	UG/L		98
97) HEXACHLOROBUTADIENE	12.658	225	295784	301.81	UG/L		98
98) NAPHTHALENE	12.742	128	1498086	270.98	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	13.004	180	491983	296.61	UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 14 Sample Multiplier: 1

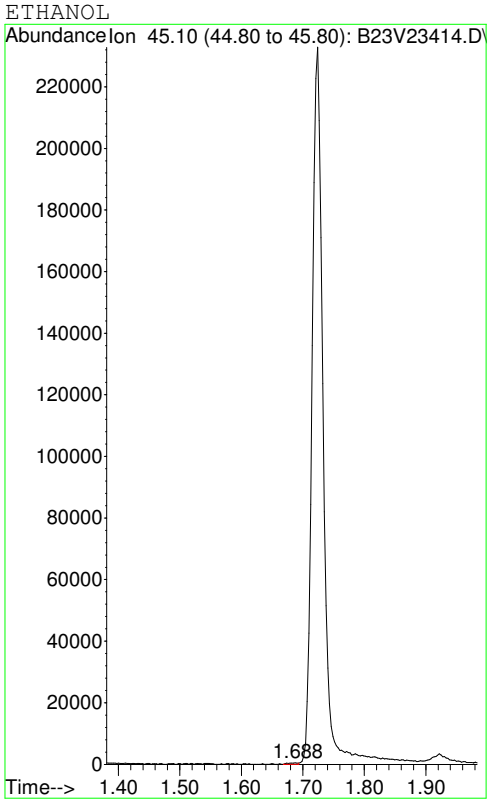
Quant Time: Aug 23 09:31:52 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHANOL



Original Int. Results

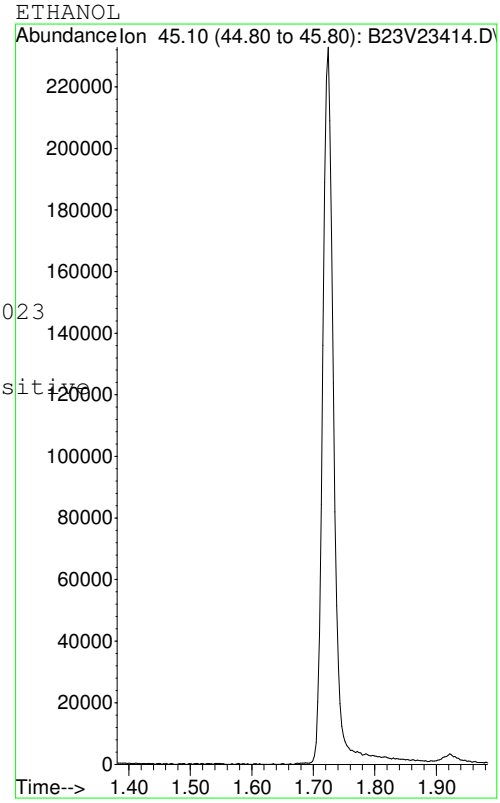
RT : 1.69
Area : 513
Amount: 12.1861

Manual Int. Results

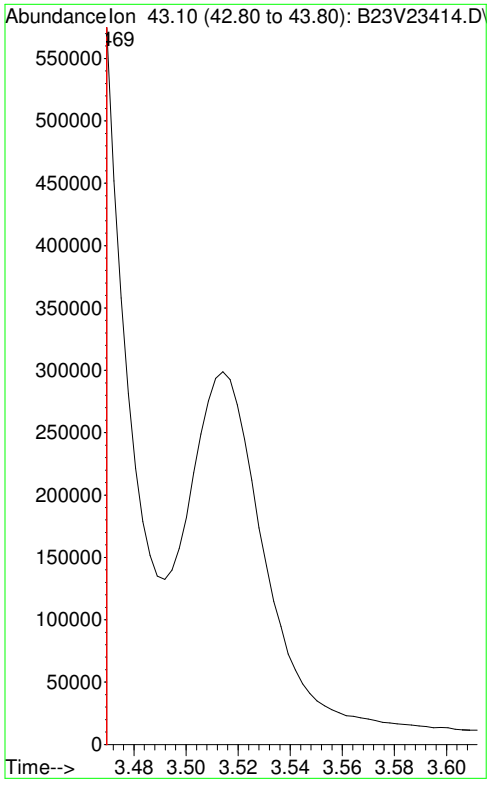
Wed Aug 23 09:32:03 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ETHYL ACETATE



Original Int. Results

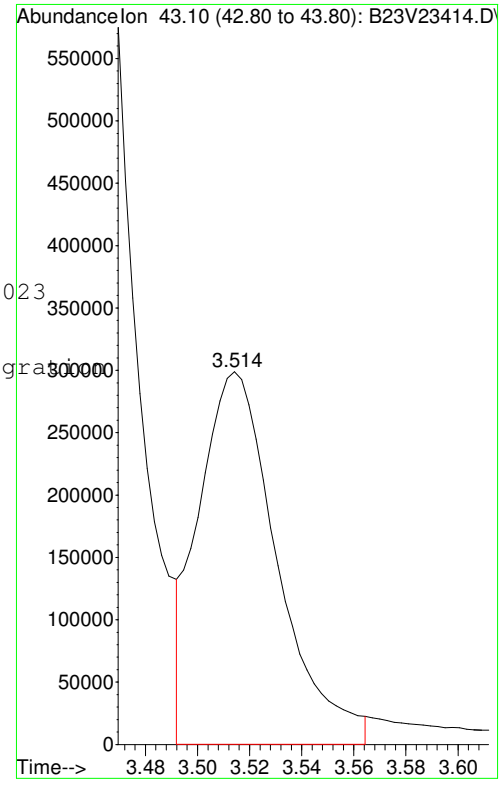
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Wed Aug 23 09:32:35 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 625965
Amount: 227.622

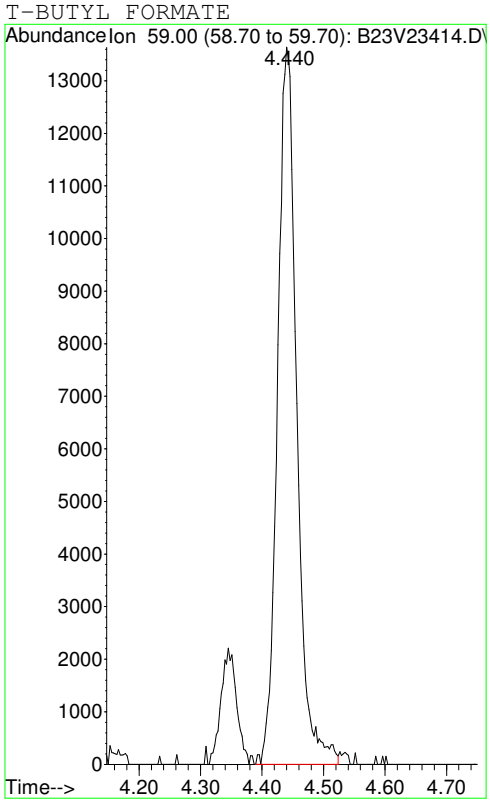
Manual Integration
ETHYL ACETATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
T-BUTYL FORMATE



Original Int. Results

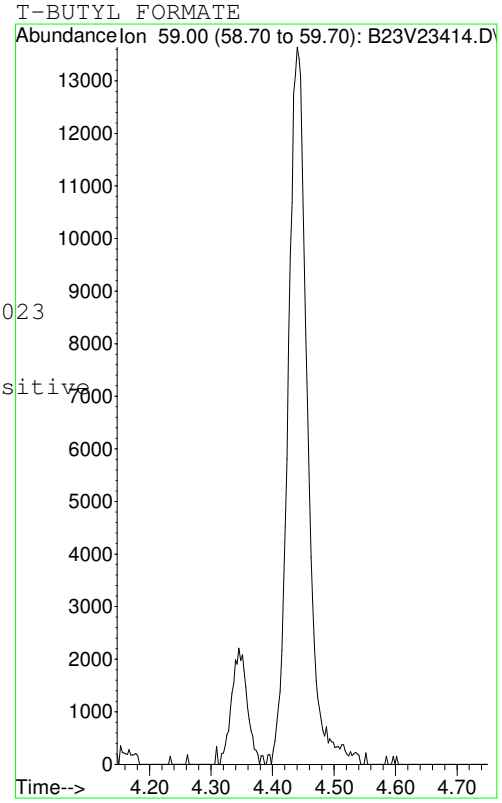
RT : 4.44
Area : 29443
Amount: 0

Manual Int. Results

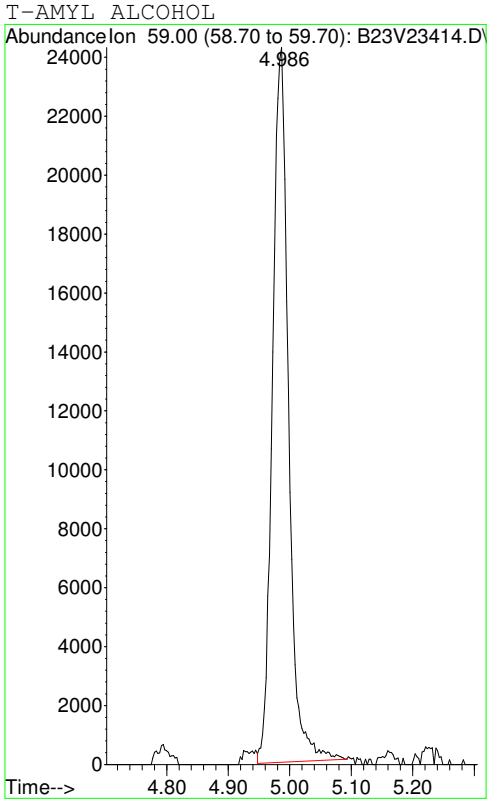
Wed Aug 23 09:32:42 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-BUTYL FORMATE



Original Integration
T-AMYL ALCOHOL



Original Int. Results

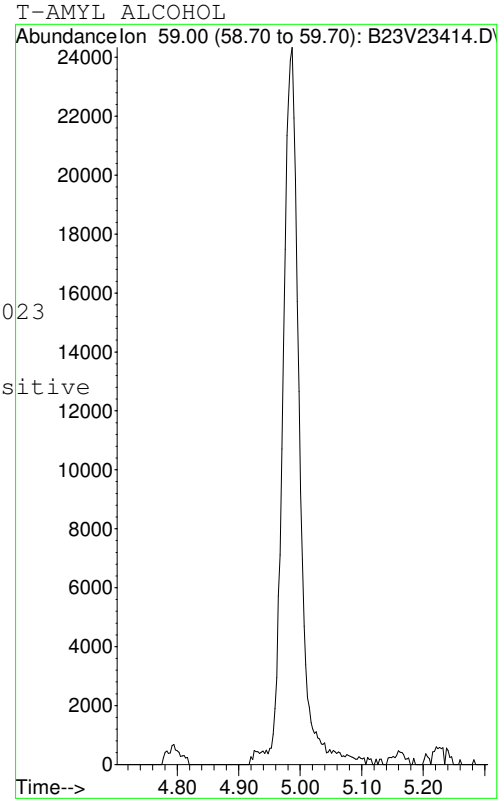
RT : 4.99
Area : 43903
Amount: 0

Manual Int. Results

Wed Aug 23 09:32:50 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

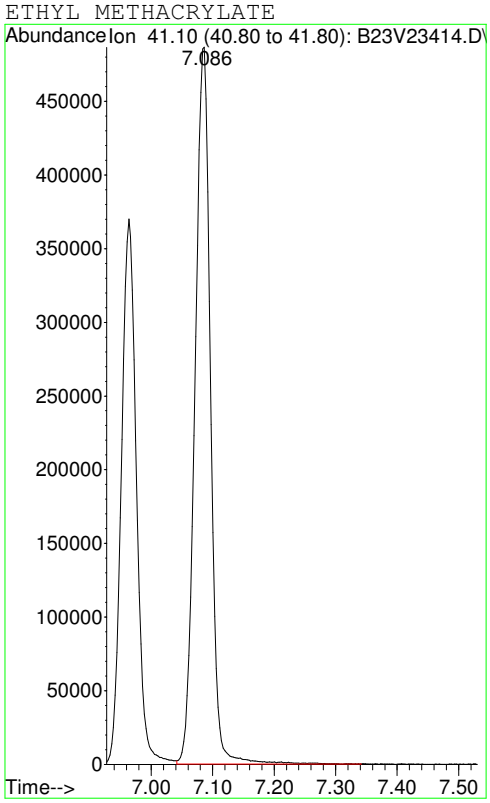
Manual Integration
T-AMYL ALCOHOL



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23414.D
Acq On : 22 Aug 2023 4:20 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :

Quant Time : Wed Aug 23 09:33:54 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
QLast Update : Fri Aug 18 14:26:27 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

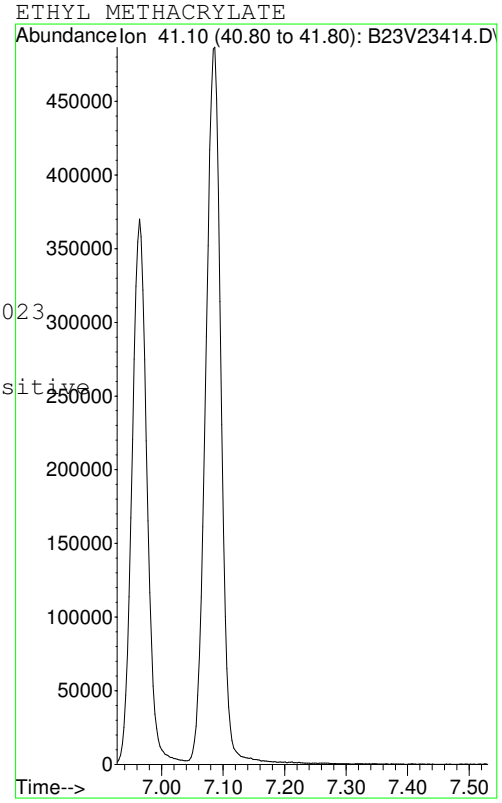
RT : 7.09
Area : 847809
Amount: 0

Manual Int. Results

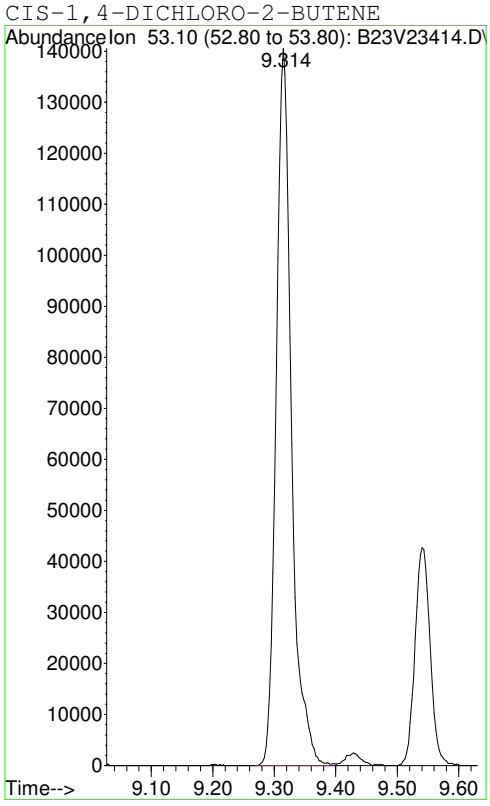
Wed Aug 23 09:33:42 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

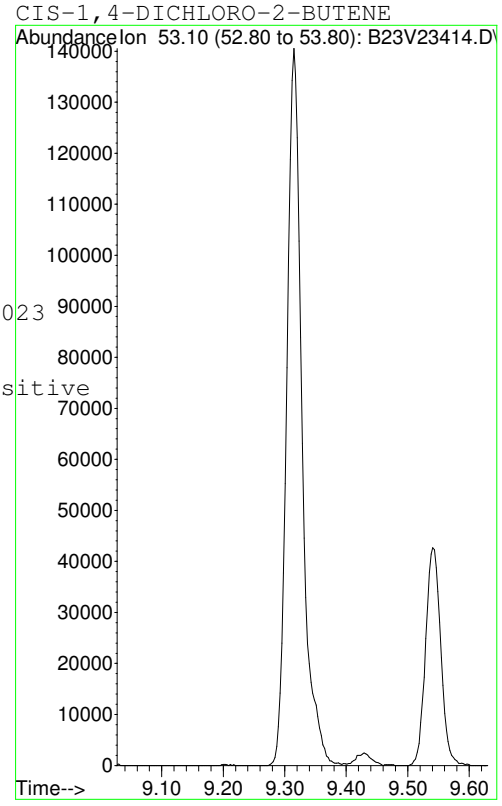
RT : 9.31
Area : 240795
Amount: 0

Manual Int. Results

Wed Aug 23 09:33:53 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23415.D
Acq On : 22 Aug 2023 4:46 pm
Operator :
Sample : 8260 ETOH 500 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 23 09:35:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	125455	30.00	UG/L	-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	230409	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	123705	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.304	152	132952	30.00	UG/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69015	25.86	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.44%			
45) TOLUENE-D8 SS	6.266	98	238091	26.89	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.56%			
66) 4-BROMOFLUROBENZENE SS	9.061	95	98598	29.18	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.72%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.119	50	1463	0.36	UG/L #	44
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.353	94	1640	0.49	UG/L	93
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.676	45	21489	516.52	UG/L #	80
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	1.816	56	2112	4.10	UG/L #	74
14) ACETONE	1.927	43	2366	2.36	UG/L	90
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.983	142	4233	0.78	UG/L	89
18) METHYL ACETATE	2.184	43	188	0.07	UG/L #	64
19) T-BUTYL ALCOHOL	2.332	59	2467	10.58	UG/L #	88
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.220	49	1767	0.42	UG/L	99
22) CARBON DISULFIDE	2.025	76	34829	4.38	UG/L	99
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	2.429	61	735	0.25	UG/L #	30
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.878	43	11957	2.35	UG/L	96
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.461	43	2943	2.59	UG/L #	64
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	3.405	61	878	0.25	UG/L #	72
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	0.000		0	N.D.		
33) BROMOCHLOROMETHANE	3.659	128	577	0.61	UG/L	98
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.974	56	3056	0.75	UG/L #	34
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	4.348	62	777	0.21	UG/L #	48
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	5.159	83	221	0.05	UG/L #	14
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	5.363	93	758	0.45	UG/L	94
51) 1,4-DIOXANE	5.399	88	1023	34.88	UG/L #	13
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23415.D
Acq On : 22 Aug 2023 4:46 pm
Operator :
Sample : 8260 ETOH 500 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 15 Sample Multiplier: 1

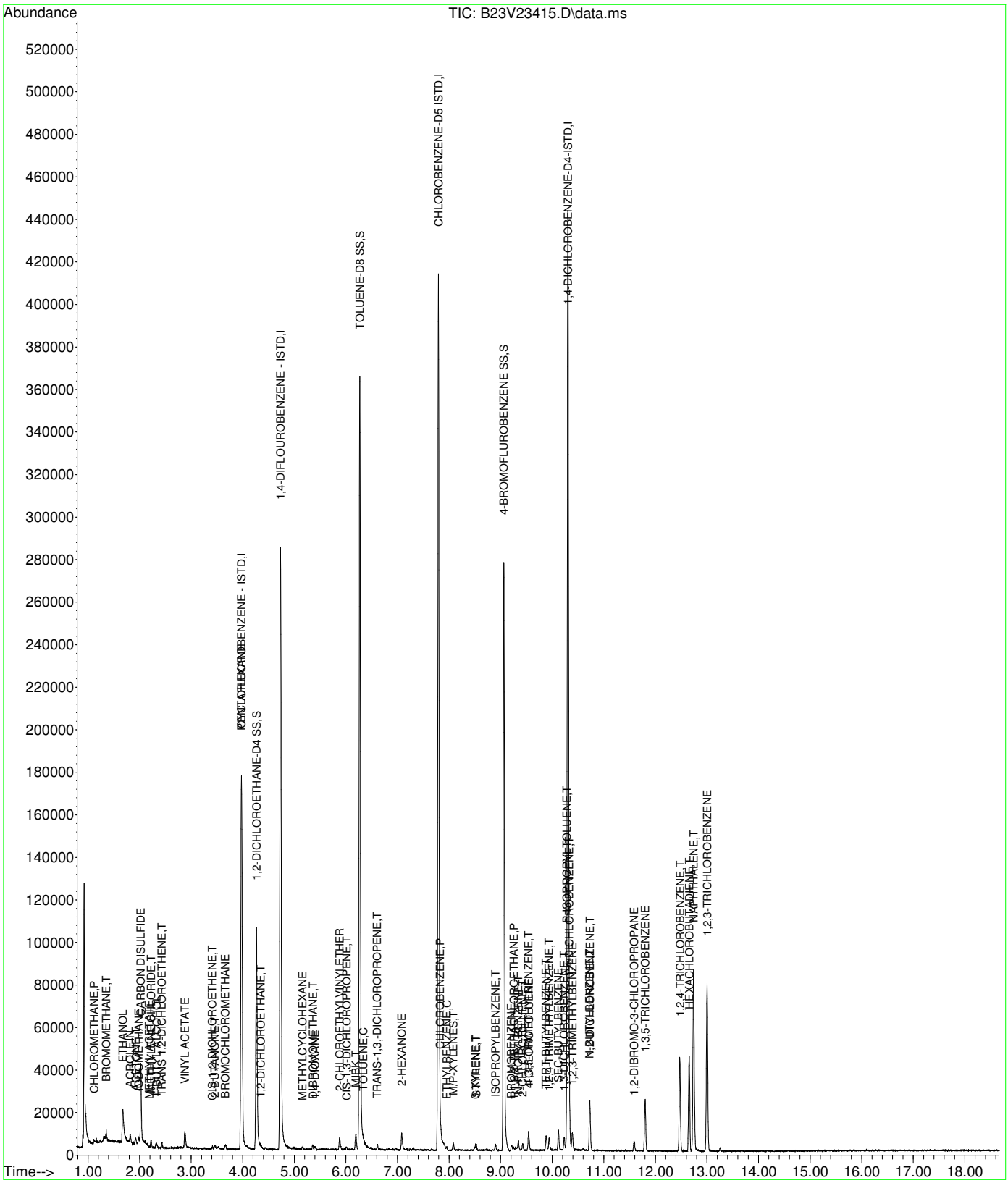
Quant Time: Aug 23 09:35:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	5.876	63	2418	1.43 UG/L	83
54) MIBK	6.194	43	5695	2.01 UG/L #	90
55) CIS-1,3-DICHLOROPROPENE	6.013	75	785	0.20 UG/L #	40
56) TOLUENE	6.336	91	774	0.08 UG/L #	21
57) TRANS-1,3,-DICHLOROPRO...	6.604	75	1424	0.45 UG/L #	79
58) ETHYL METHACRYLATE	7.081	41	1172	No Calib #	
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.	
60) 2-HEXANONE	7.081	43	6409	3.29 UG/L #	89
61) TETRACHLOROETHENE	0.000		0	N.D.	
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.	
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.	
64) 1,2-DIBROMOETHANE	0.000		0	N.D.	
67) CHLOROBENZENE	7.825	112	1149	0.16 UG/L #	28
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.	
69) ETHYLBENZENE	7.954	91	1416	0.12 UG/L #	43
70) M/P-XYLENES	8.079	91	2489	0.26 UG/L	99
71) 0-XYLENE	8.506	91	1436	0.15 UG/L	92
72) STYRENE	8.522	104	1639	0.21 UG/L #	55
73) BROMOFORM	0.000		0	N.D.	
74) ISOPROPYLBENZENE	8.902	105	2501	0.22 UG/L	95
75) CIS-1,4-DICHLORO-2-BUTENE	9.314	53	340	No Calib #	
76) 1,1,2,2-TETRACHLOROETHANE	9.253	83	1240	0.40 UG/L #	93
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.	
78) BROMOBENZENE	9.206	77	563	0.13 UG/L #	1
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.	
80) N-PROPYLBENZENE	9.342	91	4199	0.31 UG/L	100
81) 2-CHLOROT0LUENE	9.426	91	2636	0.34 UG/L	91
82) 1,3,5-TRIMETHYLBENZENE	9.540	105	3793	0.40 UG/L	98
83) 4-CHLOROTOLUENE	9.549	91	3537	0.39 UG/L	90
85) TERT-BUTYLBENZENE	9.878	119	4389	0.54 UG/L	90
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	4044	0.42 UG/L	95
87) SEC-BUTYLBENZENE	10.118	105	7414	0.63 UG/L	96
88) 1,3-DICHLOROBENZENE	10.232	146	3375	0.64 UG/L	97
89) P-ISOPROPYLTOLUENE	10.282	119	7231	0.71 UG/L	100
90) 1,4-DICHLOROBENZENE	10.329	146	3957	0.68 UG/L #	63
91) 1,2,3-TRIMETHYLBENZENE	10.391	105	5107	0.53 UG/L #	100
92) N-BUTYLBENZENE	10.723	91	9867	1.09 UG/L	99
93) 1,2-DICHLOROBENZENE	10.731	146	4011	0.78 UG/L	97
94) 1,2-DIBROMO-3-CHLOROPR...	11.590	75	1354	3.27 UG/L	95
95) 1,3,5-TRICHLOROBENZENE	11.802	180	9120	3.26 UG/L	95
96) 1,2,4-TRICHLOROBENZENE	12.477	180	16418	7.97 UG/L	98
97) HEXACHLOROBUTADIENE	12.655	225	10279	10.89 UG/L	99
98) NAPHTHALENE	12.739	128	80053	15.04 UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	30363	19.01 UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23415.D
Acq On : 22 Aug 2023 4:46 pm
Operator :
Sample : 8260 ETOH 500 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 23 09:35:51 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23416.D
Acq On : 22 Aug 2023 5:12 pm
Operator :
Sample : 8260 ETOH 1000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 23 09:36:21 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	125105	30.00	UG/L	-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	231004	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.792	82	126972	30.00	UG/L	-0.02
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	133989	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69914	26.27	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.08%			
45) TOLUENE-D8 SS	6.266	98	244899	27.59	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.36%			
66) 4-BROMOFLUROBENZENE SS	9.061	95	99607	28.72	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.88%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.113	50	520	0.13	UG/L #	44
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.353	94	814	0.24	UG/L #	9
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.676	45	44926	1082.88	UG/L #	80
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	1.819	56	702	1.37	UG/L #	47
14) ACETONE	1.922	43	1126	1.13	UG/L #	48
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.980	142	928	0.17	UG/L	87
18) METHYL ACETATE	2.215	43	123	0.05	UG/L #	64
19) T-BUTYL ALCOHOL	0.000		0	N.D.		
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.220	49	688	0.16	UG/L #	32
22) CARBON DISULFIDE	2.022	76	15381	1.94	UG/L	100
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	0.000		0	N.D.		
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.881	43	4012	0.79	UG/L #	82
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.475	43	859	0.76	UG/L #	64
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	0.000		0	N.D.		
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	3.517	43	2600	0.96	UG/L #	77
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.974	56	2574	0.64	UG/L #	30
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	0.000		0	N.D.		
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	0.000		0	N.D.		
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	0.000		0	N.D.		
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23416.D
Acq On : 22 Aug 2023 5:12 pm
Operator :
Sample : 8260 ETOH 1000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 16 Sample Multiplier: 1

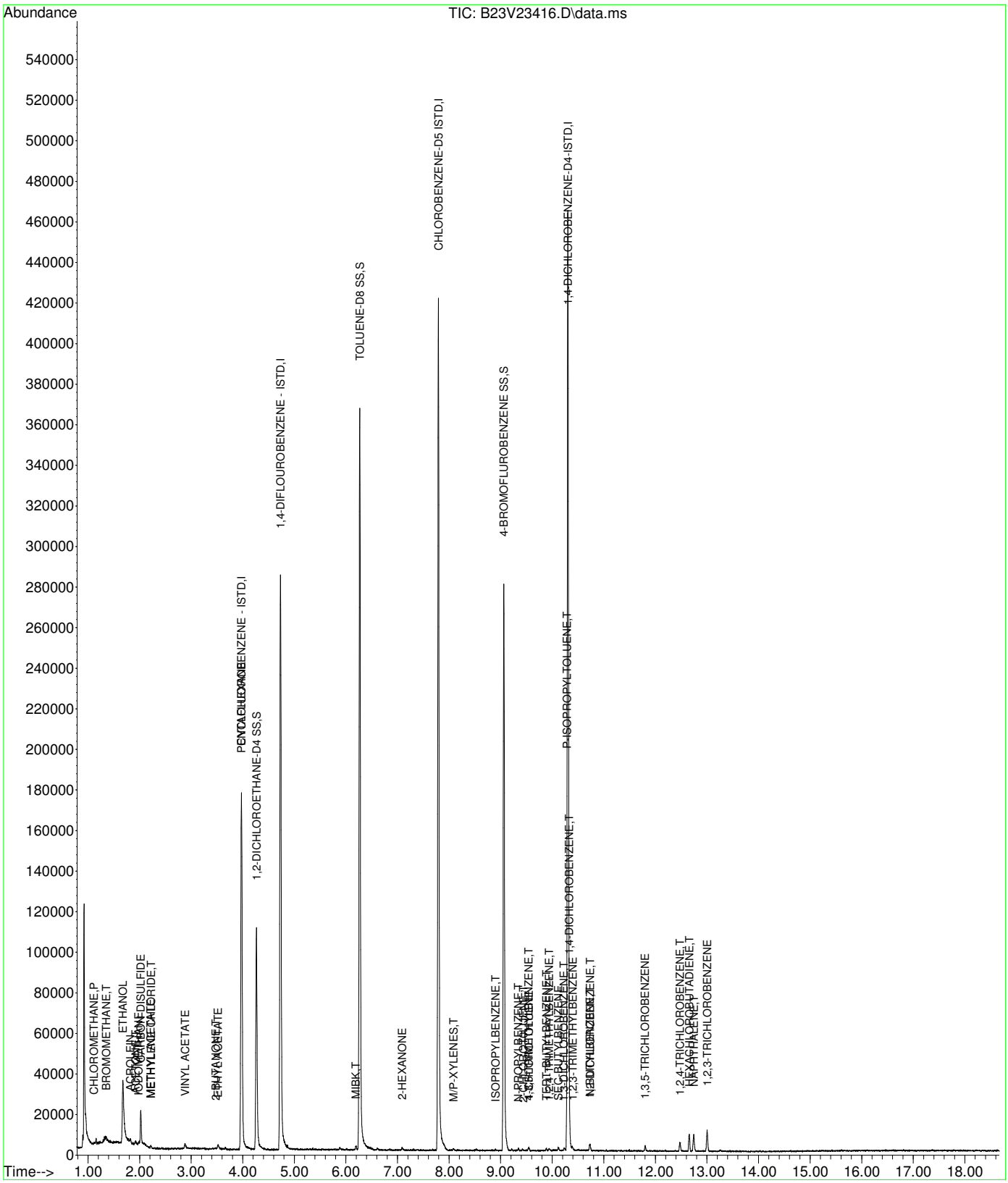
Quant Time: Aug 23 09:36:21 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	0.000		0	N.D.	
54) MIBK	6.191	43	1433	0.50 UG/L #	49
55) CIS-1,3-DICHLOROPROPENE	0.000		0	N.D.	
56) TOLUENE	0.000		0	N.D.	
57) TRANS-1,3,-DICHLOROPRO...	0.000		0	N.D.	
58) ETHYL METHACRYLATE	7.089	41	122	No Calib #	
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.	
60) 2-HEXANONE	7.089	43	1230	0.63 UG/L #	41
61) TETRACHLOROETHENE	0.000		0	N.D.	
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.	
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.	
64) 1,2-DIBROMOETHANE	0.000		0	N.D.	
67) CHLOROBENZENE	0.000		0	N.D.	
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.	
69) ETHYLBENZENE	0.000		0	N.D.	
70) M/P-XYLENES	8.085	91	764	0.08 UG/L #	28
71) 0-XYLENE	0.000		0	N.D.	
72) STYRENE	0.000		0	N.D.	
73) BROMOFORM	0.000		0	N.D.	
74) ISOPROPYLBENZENE	8.899	105	642	0.06 UG/L #	48
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	
76) 1,1,2,2-TETRACHLOROETHANE	0.000		0	N.D.	
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.	
78) BROMOBENZENE	0.000		0	N.D.	
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.	
80) N-PROPYLBENZENE	9.339	91	1018	0.07 UG/L #	54
81) 2-CHLOROT0LUENE	9.437	91	525	0.07 UG/L #	41
82) 1,3,5-TRIMETHYLBENZENE	9.543	105	837	0.09 UG/L #	29
83) 4-CHLOROTOLUENE	9.549	91	866	0.09 UG/L #	45
85) TERT-BUTYLBENZENE	9.889	119	772	0.09 UG/L #	14
86) 1,2,4-TRIMETHYLBENZENE	9.939	105	968	0.10 UG/L #	31
87) SEC-BUTYLBENZENE	10.118	105	1337	0.11 UG/L #	55
88) 1,3-DICHLOROBENZENE	10.221	146	896	0.17 UG/L #	25
89) P-ISOPROPYLTOLUENE	10.288	119	1614	0.16 UG/L #	48
90) 1,4-DICHLOROBENZENE	10.327	146	992	0.17 UG/L #	41
91) 1,2,3-TRIMETHYLBENZENE	10.396	105	1074	0.11 UG/L #	100
92) N-BUTYLBENZENE	10.728	91	1903	0.21 UG/L #	74
93) 1,2-DICHLOROBENZENE	10.737	146	776	0.15 UG/L #	25
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.	
95) 1,3,5-TRICHLOROBENZENE	11.796	180	1300	0.46 UG/L	95
96) 1,2,4-TRICHLOROBENZENE	12.474	180	2269	1.09 UG/L #	85
97) HEXACHLOROBUTADIENE	12.655	225	2106	2.21 UG/L	93
98) NAPHTHALENE	12.744	128	8554	1.59 UG/L	98
99) 1,2,3-TRICHLOROBENZENE	13.004	180	4498	2.79 UG/L	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23416.D
Acq On : 22 Aug 2023 5:12 pm
Operator :
Sample : 8260 ETOH 1000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 23 09:36:21 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23417.D
Acq On : 22 Aug 2023 5:38 pm
Operator :
Sample : 8260 ETOH 2000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 23 09:36:45 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.977	168	128399	30.00	UG/L	-0.02
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	228846	30.00	UG/L	-0.02
65) CHLOROBENZENE-D5 ISTD	7.795	82	125036	30.00	UG/L	-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135305	30.00	UG/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	69236	25.35	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.40%			
45) TOLUENE-D8 SS	6.266	98	244695	27.83	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.32%			
66) 4-BROMOFLUROBENZENE SS	9.061	95	99404	29.10	UG/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.40%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.000		0	N.D.		
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	0.000		0	N.D.		
6) VINYL CHLORIDE	0.000		0	N.D.		
7) BROMOMETHANE	1.345	94	862	0.25	UG/L #	9
8) CHLOROETHANE	0.000		0	N.D.		
9) FLUORODICHLOROMETHANE	0.000		0	N.D.		
10) TRICHLOROFLUOROMETHANE	0.000		0	N.D.		
11) ETHANOL	1.682	45	85371	2004.96	UG/L #	78
12) DI ETHYL ETHER	0.000		0	N.D.		
13) ACROLEIN	0.000		0	N.D.		
14) ACETONE	1.925	43	1136	1.11	UG/L #	48
15) 1,1-DICHLOROETHENE	0.000		0	N.D.		
16) 1,1,2-TRICL-1,2,2-TRIF...	0.000		0	N.D.		
17) IODOMETHANE	1.980	142	917	0.17	UG/L #	80
18) METHYL ACETATE	2.201	43	100	0.04	UG/L #	64
19) T-BUTYL ALCOHOL	0.000		0	N.D.		
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	0.000		0	N.D.		
22) CARBON DISULFIDE	2.022	76	9586	1.18	UG/L	100
23) METHYL TERT-BUTYL ETHE...	0.000		0	N.D.		
24) TRANS 1,2-DICHLOROETHENE	0.000		0	N.D.		
25) 1,1-DICHLOROETHANE	0.000		0	N.D.		
26) VINYL ACETATE	2.875	43	2412	0.46	UG/L #	82
27) DI ISOPROPYL ETHER	0.000		0	N.D.		
28) 2-BUTANONE	3.478	43	1232	1.06	UG/L #	64
29) T-BUTYL ETHYL ETHER	0.000		0	N.D.		
30) CIS-1,2-DICHLOROETHENE	0.000		0	N.D.		
31) 2,2-DICHLOROPROPANE	0.000		0	N.D.		
32) ETHYL ACETATE	3.520	43	4935	1.77	UG/L	99
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) T-BUTYL FORMATE	0.000		0	N.D.		
36) CHLOROFORM	0.000		0	N.D.		
37) 1,1,1-TRICHLOROETHANE	0.000		0	N.D.		
38) CYCLOHEXANE	3.971	56	2465	0.59	UG/L #	23
39) CARBON TETRACHLORIDE	0.000		0	N.D.		
40) 1,1-DICHLOROPROPENE	0.000		0	N.D.		
41) BENZENE	0.000		0	N.D.		
42) T-AMYL ALCOHOL	0.000		0	N.D.		
43) T-AMYLMETHYL ETHER	0.000		0	N.D.		
46) 1,2-DICHLOROETHANE	0.000		0	N.D.		
47) TRICHLOROETHENE	0.000		0	N.D.		
48) METHYLCYCLOHEXANE	0.000		0	N.D.		
49) 1,2-DICHLOROPROPANE	0.000		0	N.D.		
50) DIBROMOMETHANE	0.000		0	N.D.		
51) 1,4-DIOXANE	0.000		0	N.D.		
52) BROMODICHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23417.D
Acq On : 22 Aug 2023 5:38 pm
Operator :
Sample : 8260 ETOH 2000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 17 Sample Multiplier: 1

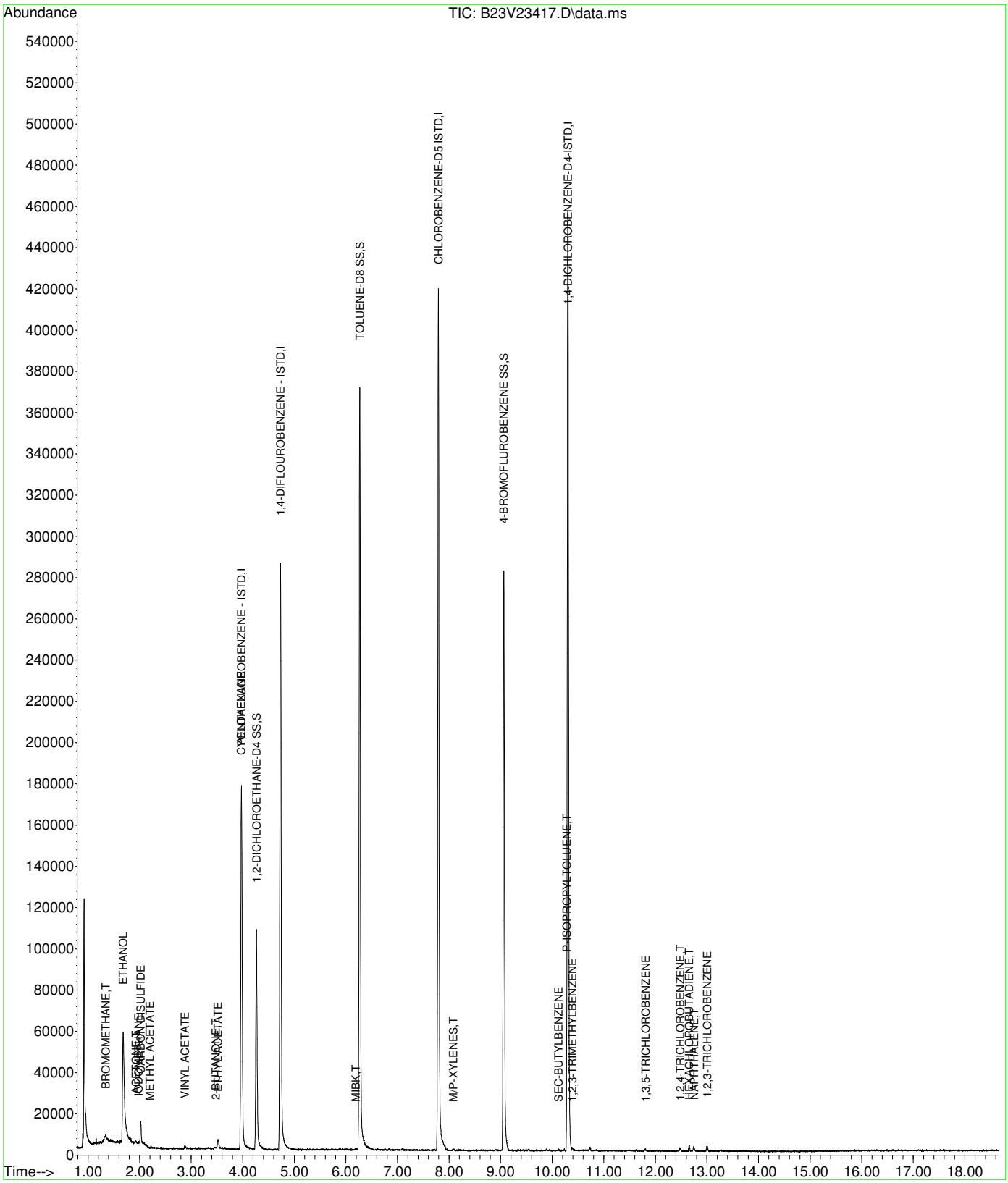
Quant Time: Aug 23 09:36:45 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 2-CHLOROETHYLVINYLETHER	0.000		0	N.D.	
54) MIBK	6.194	43	804	0.29 UG/L #	49
55) CIS-1,3-DICHLOROPROPENE	0.000		0	N.D.	
56) TOLUENE	0.000		0	N.D.	
57) TRANS-1,3,-DICHLOROPRO...	0.000		0	N.D.	
58) ETHYL METHACRYLATE	0.000		0	N.D.	
59) 1,1,2-TRICHLOROETHANE	0.000		0	N.D.	
60) 2-HEXANONE	0.000		0	N.D.	
61) TETRACHLOROETHENE	0.000		0	N.D.	
62) 1,3-DICHLOROPROPANE	0.000		0	N.D.	
63) DIBROMOCHLOROMETHANE	0.000		0	N.D.	
64) 1,2-DIBROMOETHANE	0.000		0	N.D.	
67) CHLOROBENZENE	0.000		0	N.D.	
68) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.	
69) ETHYLBENZENE	0.000		0	N.D.	
70) M/P-XYLENES	8.079	91	502	0.05 UG/L #	28
71) 0-XYLENE	0.000		0	N.D.	
72) STYRENE	0.000		0	N.D.	
73) BROMOFORM	0.000		0	N.D.	
74) ISOPROPYLBENZENE	0.000		0	N.D.	
75) CIS-1,4-DICHLORO-2-BUTENE	0.000		0	N.D.	
76) 1,1,2,2-TETRACHLOROETHANE	0.000		0	N.D.	
77) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.	
78) BROMOBENZENE	0.000		0	N.D.	
79) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.	
80) N-PROPYLBENZENE	0.000		0	N.D.	
81) 2-CHLOROT0LUENE	0.000		0	N.D.	
82) 1,3,5-TRIMETHYLBENZENE	0.000		0	N.D.	
83) 4-CHLOROTOLUENE	0.000		0	N.D.	
85) TERT-BUTYLBENZENE	0.000		0	N.D.	
86) 1,2,4-TRIMETHYLBENZENE	0.000		0	N.D.	
87) SEC-BUTYLBENZENE	10.120	105	763	0.06 UG/L #	55
88) 1,3-DICHLOROBENZENE	0.000		0	N.D.	
89) P-ISOPROPYLTOLUENE	10.282	119	689	0.07 UG/L #	48
90) 1,4-DICHLOROBENZENE	0.000		0	N.D.	
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	526	0.05 UG/L #	100
92) N-BUTYLBENZENE	0.000		0	N.D.	
93) 1,2-DICHLOROBENZENE	0.000		0	N.D.	
94) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.	
95) 1,3,5-TRICHLOROBENZENE	11.810	180	573	0.20 UG/L #	79
96) 1,2,4-TRICHLOROBENZENE	12.477	180	836	0.40 UG/L #	83
97) HEXACHLOROBUTADIENE	12.652	225	817	0.85 UG/L #	24
98) NAPHTHALENE	12.750	128	2809	0.52 UG/L #	69
99) 1,2,3-TRICHLOROBENZENE	13.004	180	1438	0.88 UG/L	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23417.D
Acq On : 22 Aug 2023 5:38 pm
Operator :
Sample : 8260 ETOH 2000 PPB Inst : GCMSVOA2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 23 09:36:45 2023
Quant Method : C:\msdchem\1\methods\B052523W-TEST.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 18 14:26:27 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 23 10:01:34 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.977	168	129724	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	236753	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	128287	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.305	152	138231	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.264	65	70309	26.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%				
45) TOLUENE-D8 SS	6.267	98	252062	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	102219	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	19846	9.04	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.024	51	34542	10.30	UG/L		99
5) CHLOROMETHANE	1.119	50	37772	9.48	UG/L		99
6) VINYL CHLORIDE	1.175	62	26707	9.58	UG/L		99
7) BROMOMETHANE	1.350	94	11878	9.41	UG/L		100
8) CHLOROETHANE	1.409	64	16070	10.41	UG/L		98
9) FLUORODICHLOROMETHANE	1.520	67	38114	10.81	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.551	101	31499	11.34	UG/L		94
11) ETHANOL	1.676	45	3820	93.85	UG/L	#	93
12) DI ETHYL ETHER	1.727	59	19325	12.44	UG/L		97
13) ACROLEIN	1.819	56	22689	45.02	UG/L	#	100
14) ACETONE	1.919	43	100254	122.87	UG/L		100
15) 1,1-DICHLOROETHENE	1.872	61	36489	11.75	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.866	101	20394	12.16	UG/L		97
17) IODOMETHANE	1.986	142	21769	8.17	UG/L		97
18) METHYL ACETATE	2.145	43	29952	12.64	UG/L		99
19) T-BUTYL ALCOHOL	2.323	59	26972	99.30	UG/L		98
20) ACRYLONITRILE	2.432	53	11829	11.39	UG/L		96
21) METHYLENE CHLORIDE	2.223	49	39523	11.03	UG/L		100
22) CARBON DISULFIDE	2.025	76	62195	12.75	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.429	73	58044	10.82	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.432	61	37820	12.04	UG/L		99
25) 1,1-DICHLOROETHANE	2.814	63	47351	11.96	UG/L		99
26) VINYL ACETATE	2.873	43	558512	87.42	UG/L		99
27) DI ISOPROPYL ETHER	2.878	45	105377	11.92	UG/L		99
28) 2-BUTANONE	3.447	43	141545	110.83	UG/L		100
29) T-BUTYL ETHYL ETHER	3.255	59	79662	11.42	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.411	61	42165	11.82	UG/L		97
31) 2,2-DICHLOROPROPANE	3.397	77	30111	10.08	UG/L		99
32) ETHYL ACETATE	3.514	43	29915m	8.84	UG/L		
33) BROMOCHLOROMETHANE	3.656	128	11369	11.07	UG/L		94
34) TETRAHYDROFURAN	3.709	42	11393	11.55	UG/L	#	57
36) CHLOROFORM	3.748	83	40051	11.66	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.913	97	36899	11.66	UG/L		100
38) CYCLOHEXANE	3.952	56	57518	11.55	UG/L		99
39) CARBON TETRACHLORIDE	4.080	117	32565	10.70	UG/L		99
40) 1,1-DICHLOROPROPENE	4.091	75	33265	11.41	UG/L		99
41) BENZENE	4.306	78	92715	11.45	UG/L		98
43) T-AMYLMETHYL ETHER	4.440	73	64000	11.06	UG/L		99
46) 1,2-DICHLOROETHANE	4.348	62	33652	11.55	UG/L		99
47) TRICHLOROETHENE	4.987	95	27755	12.18	UG/L		99
48) METHYLCYCLOHEXANE	5.162	83	44761	11.71	UG/L		96
49) 1,2-DICHLOROPROPANE	5.229	63	28047	11.49	UG/L		97
50) DIBROMOMETHANE	5.352	93	14576	11.27	UG/L		98
51) 1,4-DIOXANE	5.394	88	2951m	97.52	UG/L		
52) BROMODICHLOROMETHANE	5.530	83	31563	11.01	UG/L		97
54) MIBK	6.188	43	318846	104.27	UG/L		100
55) CIS-1,3-DICHLOROPROPENE	6.004	75	39201	10.62	UG/L		96

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 20 Sample Multiplier: 1

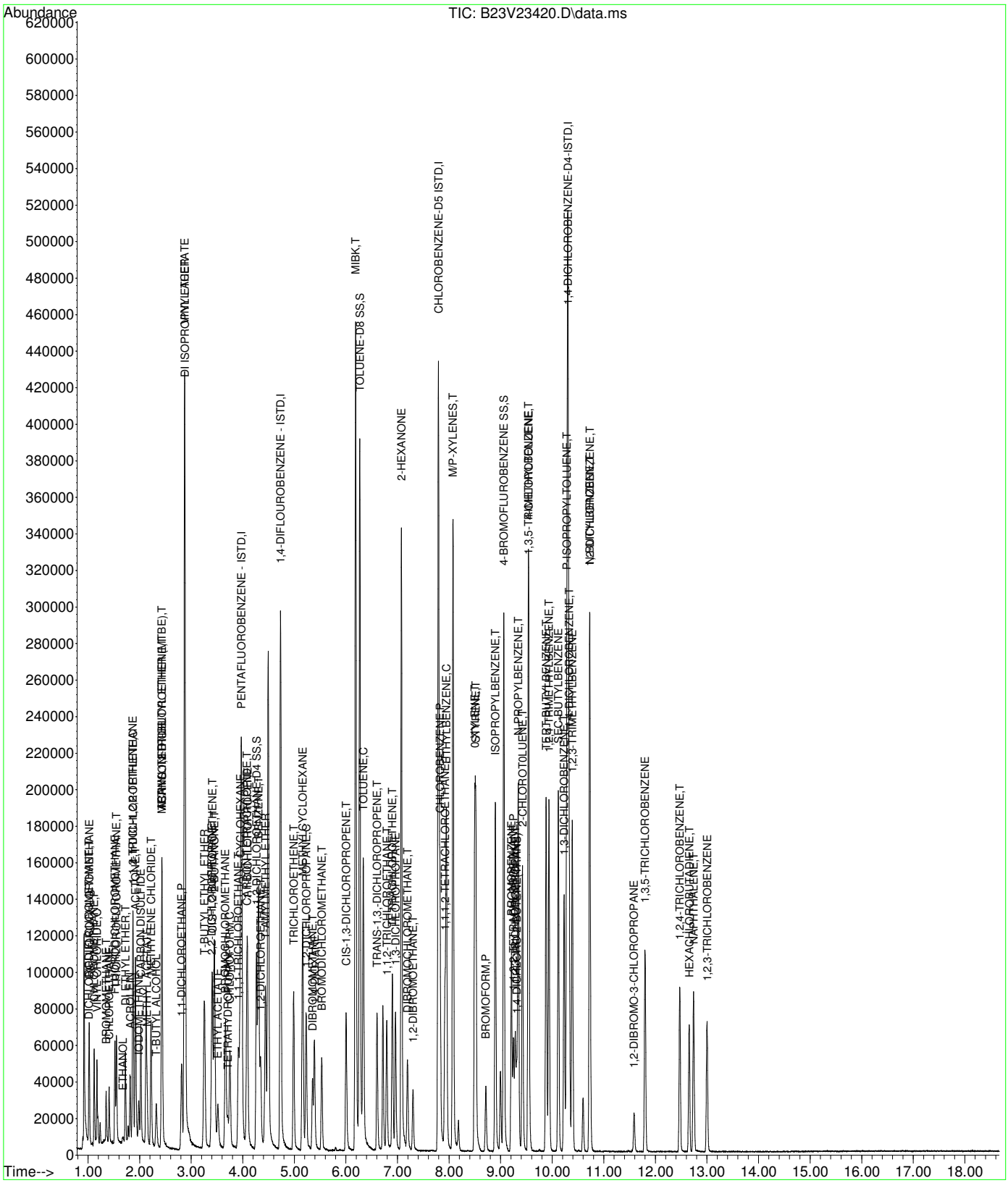
Quant Time: Aug 23 10:01:34 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) TOLUENE	6.336	91	108302	10.72	UG/L		98
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	35390	11.15	UG/L		96
59) 1,1,2-TRICHLOROETHANE	6.794	97	22035	11.44	UG/L		99
60) 2-HEXANONE	7.075	43	232516	101.22	UG/L		99
61) TETRACHLOROETHENE	6.900	164	23376	11.41	UG/L		97
62) 1,3-DICHLOROPROPANE	6.961	76	37546	10.70	UG/L		97
63) DIBROMOCHLOROMETHANE	7.192	129	26883	10.86	UG/L		99
64) 1,2-DIBROMOETHANE	7.298	107	24670	11.51	UG/L	#	98
67) CHLOROBENZENE	7.823	112	75415	10.89	UG/L		98
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	27257	11.32	UG/L		96
69) ETHYLBENZENE	7.948	91	131147	11.15	UG/L		100
70) M/P-XYLENES	8.074	91	197579	21.35	UG/L		98
71) 0-XYLENE	8.497	91	104988	11.13	UG/L		99
72) STYRENE	8.517	104	85302	11.09	UG/L		99
73) BROMOFORM	8.712	173	18592	11.03	UG/L	#	97
74) ISOPROPYLBENZENE	8.896	105	135406	10.87	UG/L		100
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	31386	11.22	UG/L		98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	11017	9.50	UG/L		94
78) BROMOBENZENE	9.211	77	46972	10.79	UG/L		99
79) 1,2,3-TRICHLOROPROPANE	9.284	110	9778	10.65	UG/L		97
80) N-PROPYLBENZENE	9.340	91	157783	10.88	UG/L		99
81) 2-CHLOROT0LUENE	9.426	91	89209	10.71	UG/L		100
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	113170	11.03	UG/L		99
83) 4-CHLOROTOLUENE	9.543	91	103511	10.69	UG/L		99
85) TERT-BUTYLBENZENE	9.881	119	99130	10.94	UG/L		98
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	111057	11.01	UG/L		100
87) SEC-BUTYLBENZENE	10.118	105	145518	11.58	UG/L		99
88) 1,3-DICHLOROBENZENE	10.226	146	63273	11.12	UG/L		99
89) P-ISOPROPYLTOLUENE	10.282	119	129775	11.37	UG/L		99
90) 1,4-DICHLOROBENZENE	10.327	146	63263	10.60	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	110508	10.51	UG/L		99
92) N-BUTYLBENZENE	10.726	91	101999	10.70	UG/L		98
93) 1,2-DICHLOROBENZENE	10.728	146	58162	11.02	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.582	75	5670	10.88	UG/L		98
95) 1,3,5-TRICHLOROBENZENE	11.796	180	40863	11.20	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	12.471	180	33949	11.21	UG/L		99
97) HEXACHLOROBUTADIENE	12.655	225	15878	11.34	UG/L		98
98) NAPHTHALENE	12.739	128	80527	10.91	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	13.004	180	26799	11.02	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 20 Sample Multiplier: 1

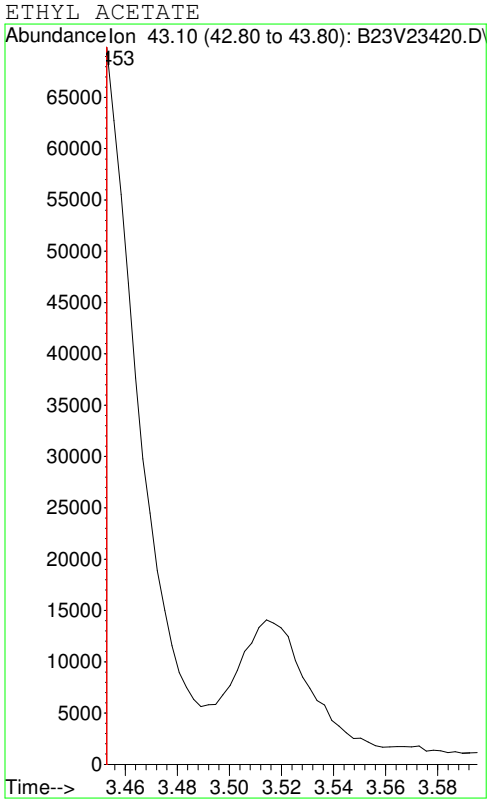
Quant Time: Aug 23 10:01:34 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

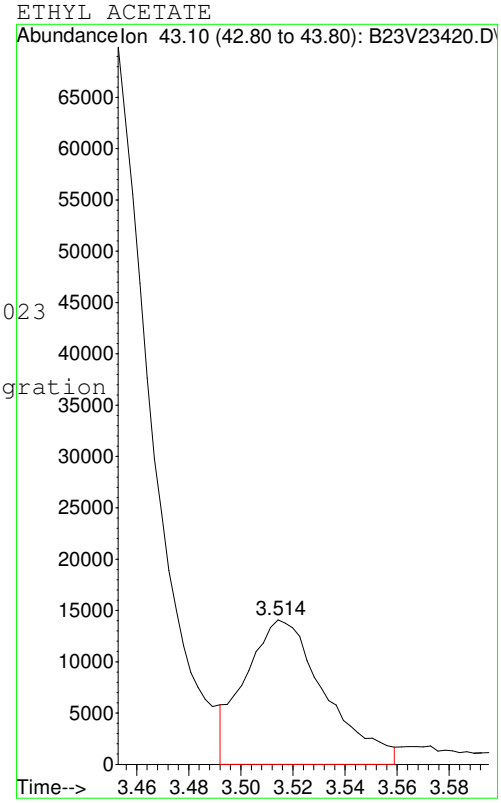
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

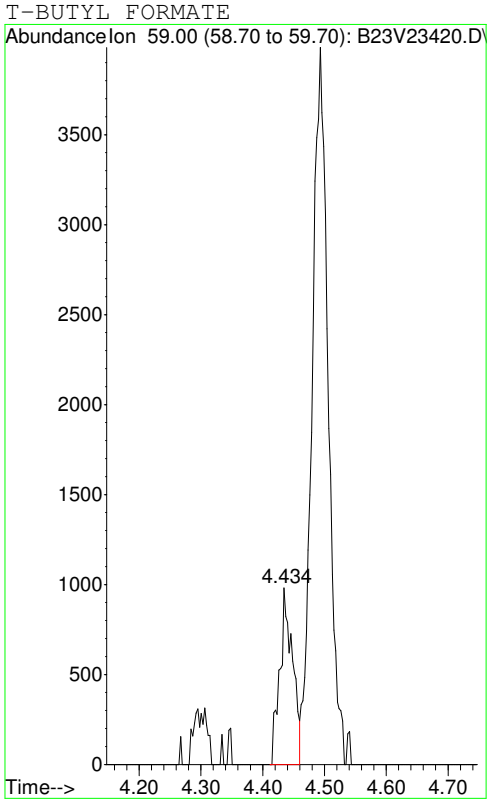
Wed Aug 23 10:02:15 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 29915
Amount: 8.83971

Manual Integration
ETHYL ACETATE



Original Integration
T-BUTYL FORMATE



Original Int. Results

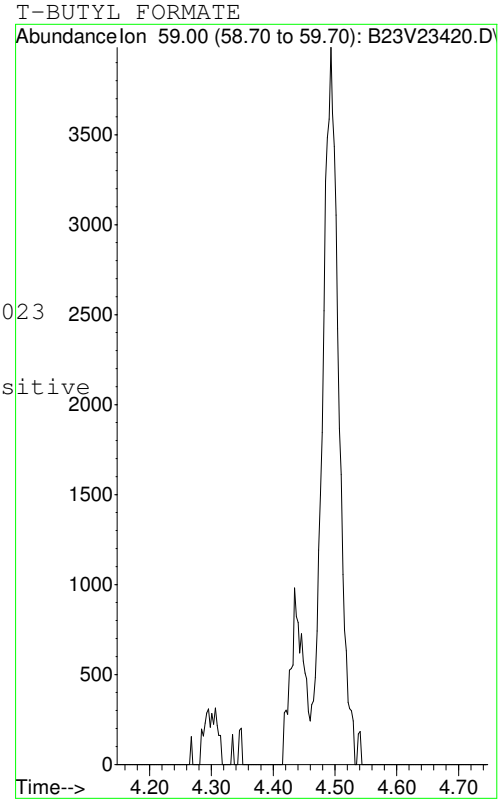
RT : 4.43
Area : 1424
Amount: 0

Manual Int. Results

Wed Aug 23 10:02:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

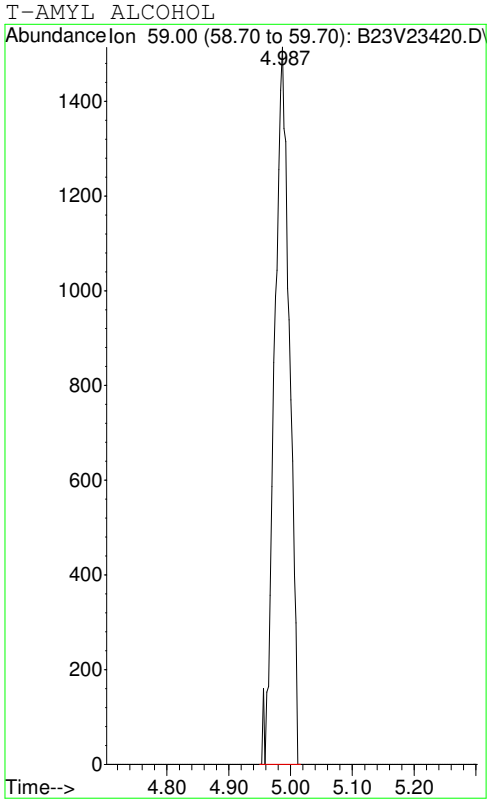
Manual Integration
T-BUTYL FORMATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

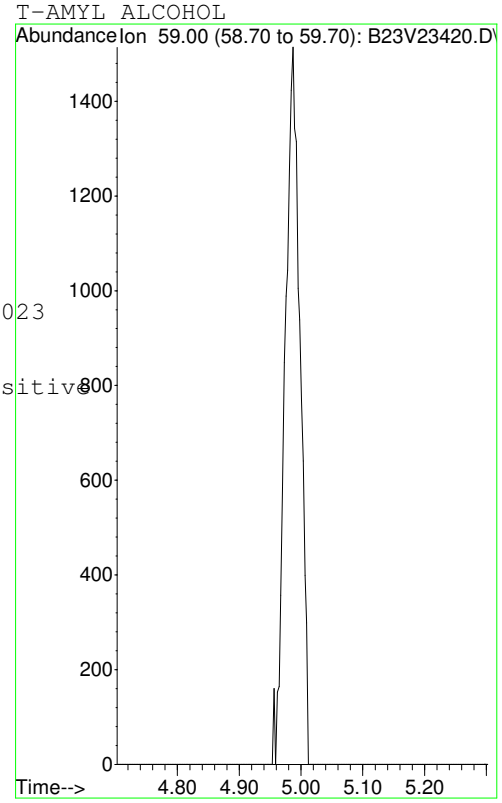
RT : 4.99
Area : 2542
Amount: 0

Manual Int. Results

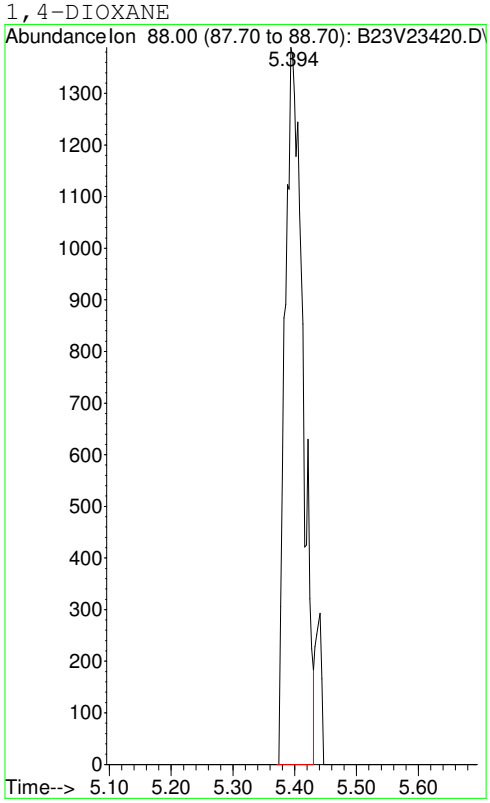
Wed Aug 23 10:02:29 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
1,4-DIOXANE



Original Int. Results

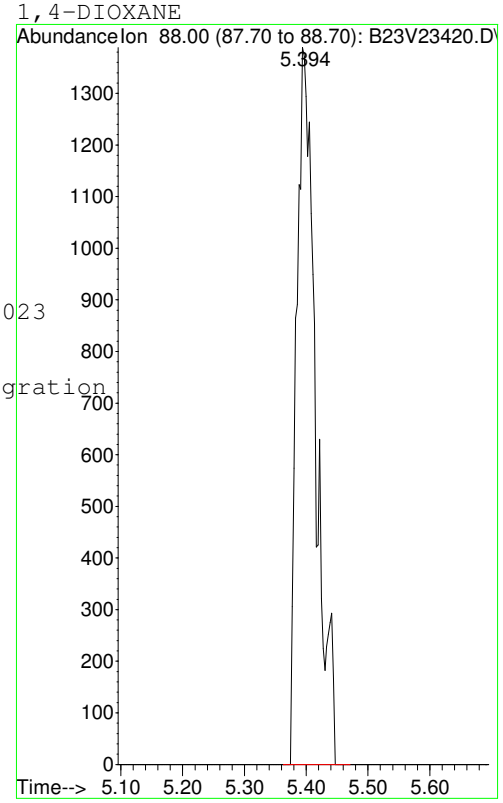
RT : 5.39
Area : 2748
Amount: 90.8158

Manual Int. Results

Wed Aug 23 10:02:37 2023

MIuser: LBD
Reason: Incorret Integration
RT : 5.39
Area : 2951
Amount: 97.5245

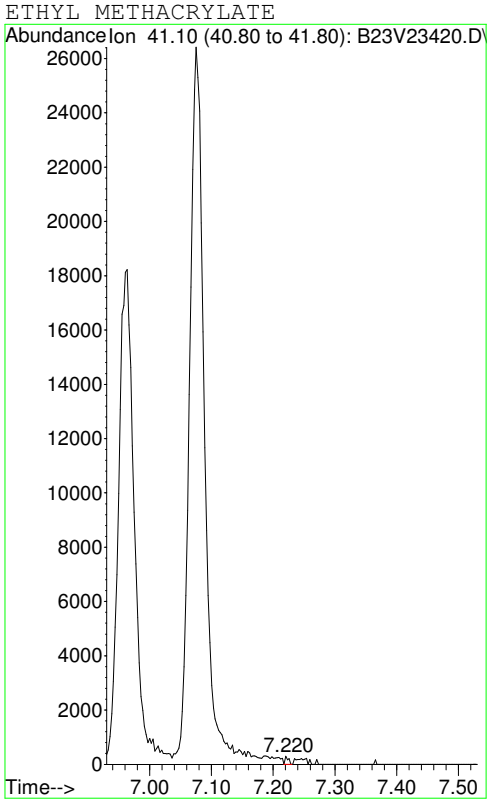
Manual Integration
1,4-DIOXANE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23420.D
Acq On : 22 Aug 2023 6:56 pm
Operator :
Sample : ICV (2303580)
Misc :

Quant Time : Wed Aug 23 10:03:02 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL METHACRYLATE



Original Int. Results

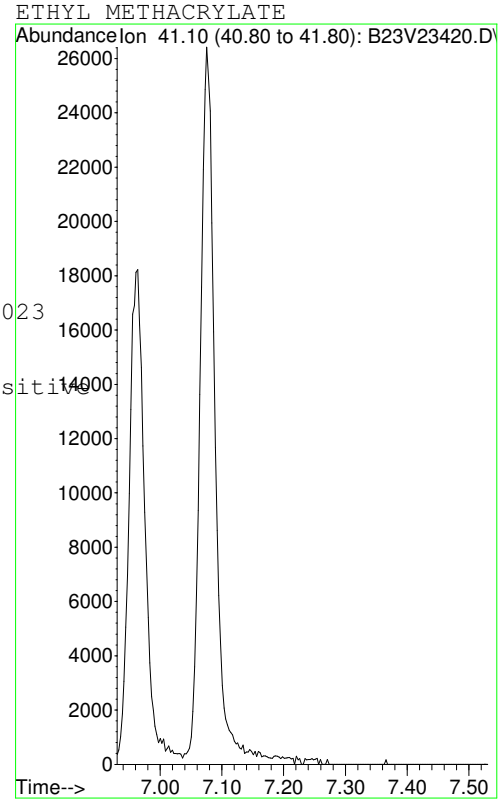
RT : 7.22
Area : 111
Amount: 0

Manual Int. Results

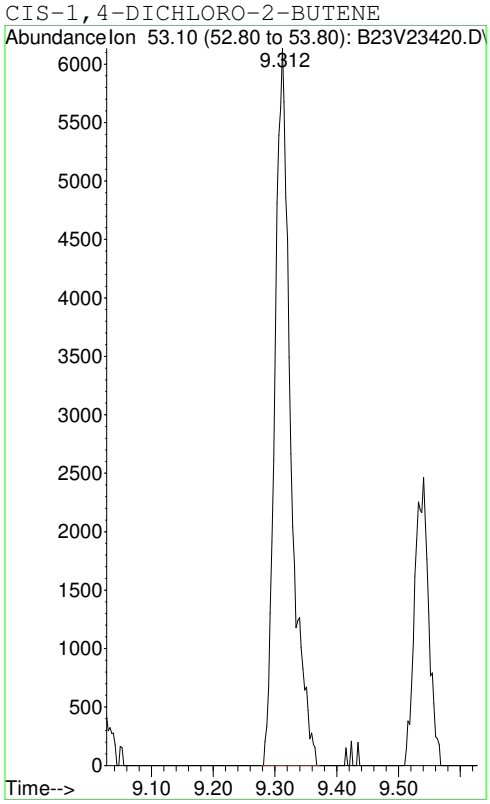
Wed Aug 23 10:02:49 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHYL METHACRYLATE



Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

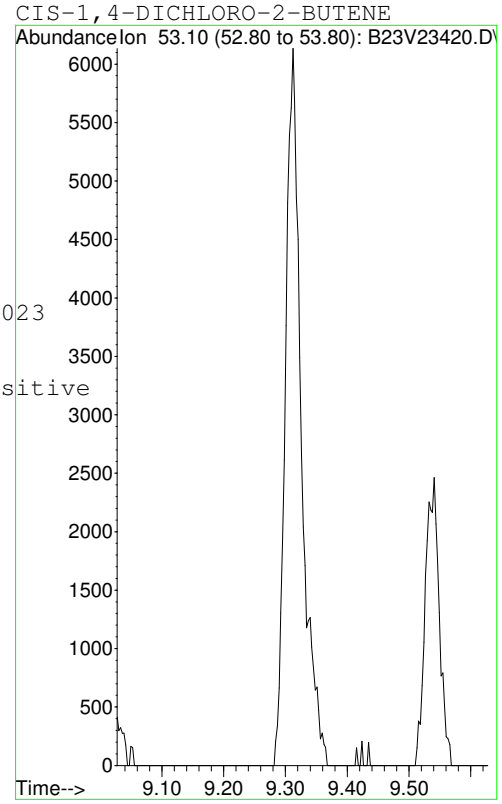
RT : 9.31
Area : 11017
Amount: 0

Manual Int. Results

Wed Aug 23 10:03:01 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 23 10:03:36 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.977	168	126752	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	4.733	114	229819	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.792	82	125913	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.302	152	135179	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.267	65	67852	25.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%				
45) TOLUENE-D8 SS	6.269	98	242991	25.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%				
66) 4-BROMOFLUROBENZENE SS	9.061	95	99112	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.015	85	20349	9.49	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.024	51	35944	10.96	UG/L		99
5) CHLOROMETHANE	1.119	50	37991	9.76	UG/L		99
6) VINYL CHLORIDE	1.174	62	27870	10.24	UG/L		99
7) BROMOMETHANE	1.353	94	12562	10.19	UG/L		99
8) CHLOROETHANE	1.409	64	16158	10.71	UG/L		99
9) FLUORODICHLOROMETHANE	1.523	67	38407	11.15	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.551	101	31571	11.63	UG/L		100
11) ETHANOL	1.676	45	3874	97.41	UG/L	#	94
12) DI ETHYL ETHER	1.727	59	19237	12.67	UG/L		96
13) ACROLEIN	1.816	56	24261	49.27	UG/L	#	90
14) ACETONE	1.922	43	110593	138.72	UG/L		99
15) 1,1-DICHLOROETHENE	1.874	61	36470	12.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.869	101	20149	12.30	UG/L		100
17) IODOMETHANE	1.983	142	24194	9.30	UG/L		99
18) METHYL ACETATE	2.145	43	29089	12.56	UG/L		99
19) T-BUTYL ALCOHOL	2.323	59	28469	107.27	UG/L		96
20) ACRYLONITRILE	2.435	53	12400	12.22	UG/L		96
21) METHYLENE CHLORIDE	2.223	49	40046	11.43	UG/L		99
22) CARBON DISULFIDE	2.025	76	64471	13.53	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.432	73	59093	11.28	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.432	61	38197	12.44	UG/L		98
25) 1,1-DICHLOROETHANE	2.814	63	47765	12.35	UG/L		100
26) VINYL ACETATE	2.873	43	484148	77.56	UG/L		99
27) DI ISOPROPYL ETHER	2.876	45	107941	12.50	UG/L		99
28) 2-BUTANONE	3.447	43	147093	117.88	UG/L		99
29) T-BUTYL ETHYL ETHER	3.255	59	81556	11.97	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.411	61	42954	12.32	UG/L		98
31) 2,2-DICHLOROPROPANE	3.400	77	30898	10.58	UG/L		98
32) ETHYL ACETATE	3.514	43	31803m	9.62	UG/L		
33) BROMOCHLOROMETHANE	3.662	128	11479	11.44	UG/L		93
34) TETRAHYDROFURAN	3.709	42	11135	11.55	UG/L	#	57
36) CHLOROFORM	3.751	83	38997	11.62	UG/L		97
37) 1,1,1-TRICHLOROETHANE	3.913	97	38118	12.32	UG/L		98
38) CYCLOHEXANE	3.957	56	58045	11.93	UG/L		97
39) CARBON TETRACHLORIDE	4.083	117	32969	11.09	UG/L		97
40) 1,1-DICHLOROPROPENE	4.089	75	34402	12.07	UG/L		100
41) BENZENE	4.306	78	95742	12.10	UG/L		97
43) T-AMYLMETHYL ETHER	4.443	73	65549	11.59	UG/L		98
46) 1,2-DICHLOROETHANE	4.345	62	32773	11.59	UG/L		97
47) TRICHLOROETHENE	4.984	95	28986	13.10	UG/L		99
48) METHYLCYCLOHEXANE	5.162	83	46365	12.49	UG/L		99
49) 1,2-DICHLOROPROPANE	5.229	63	28008	11.82	UG/L		96
50) DIBROMOMETHANE	5.352	93	14601	11.63	UG/L		98
51) 1,4-DIOXANE	5.399	88	2887	98.29	UG/L	#	82
52) BROMODICHLOROMETHANE	5.530	83	31896	11.46	UG/L		100
54) MIBK	6.188	43	327954	110.49	UG/L		100
55) CIS-1,3-DICHLOROPROPENE	6.004	75	39841	11.12	UG/L		97

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 21 Sample Multiplier: 1

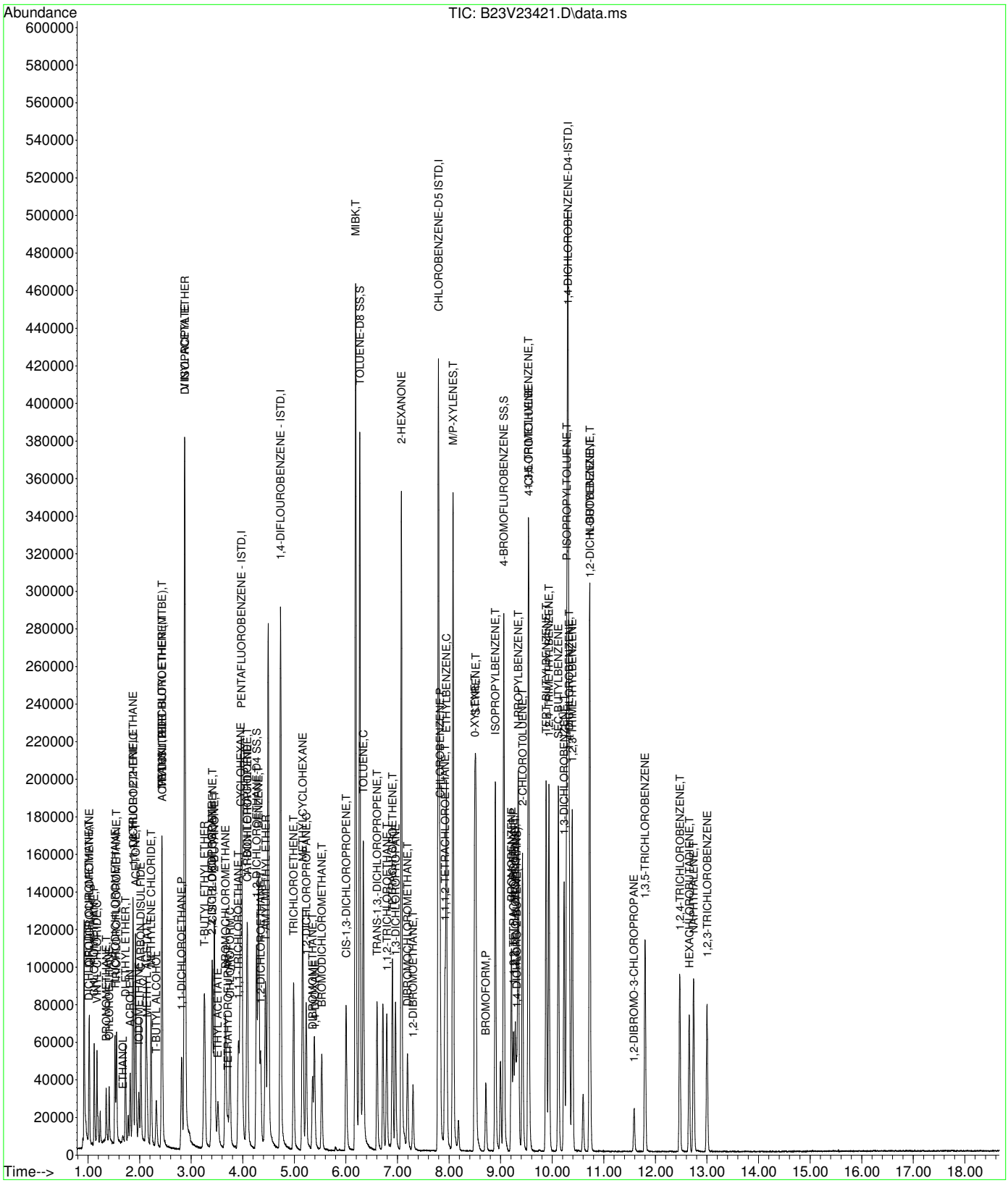
Quant Time: Aug 23 10:03:36 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) TOLUENE	6.336	91	112899	11.51	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	36718	11.92	UG/L		100
59) 1,1,2-TRICHLOROETHANE	6.794	97	22296	11.93	UG/L		98
60) 2-HEXANONE	7.075	43	245044	109.89	UG/L		100
61) TETRACHLOROETHENE	6.902	164	24096	12.11	UG/L		99
62) 1,3-DICHLOROPROPANE	6.964	76	38345	11.26	UG/L		99
63) DIBROMOCHLOROMETHANE	7.195	129	27260	11.34	UG/L		99
64) 1,2-DIBROMOETHANE	7.301	107	24456	11.76	UG/L		99
67) CHLOROBENZENE	7.823	112	77177	11.36	UG/L		99
68) 1,1,1,2-TETRACHLOROETHANE	7.920	131	27811	11.77	UG/L		97
69) ETHYLBENZENE	7.948	91	133936	11.60	UG/L		100
70) M/P-XYLENES	8.076	91	202705	22.31	UG/L		98
71) 0-XYLENE	8.497	91	106187	11.46	UG/L		100
72) STYRENE	8.517	104	85923	11.38	UG/L		99
73) BROMOFORM	8.712	173	19163	11.58	UG/L	#	98
74) ISOPROPYLBENZENE	8.896	105	136967	11.20	UG/L		99
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	31289	11.39	UG/L		98
77) 1,4-DICHLORO-2-BUTENE(...	9.312	53	11141	9.79	UG/L		98
78) BROMOBENZENE	9.211	77	47680	11.16	UG/L		98
79) 1,2,3-TRICHLOROPROPANE	9.284	110	10181	11.30	UG/L		93
80) N-PROPYLBENZENE	9.342	91	162086	11.38	UG/L		99
81) 2-CHLOROT0LUENE	9.423	91	89802	10.99	UG/L		99
82) 1,3,5-TRIMETHYLBENZENE	9.538	105	115274	11.45	UG/L		99
83) 4-CHLOROTOLUENE	9.543	91	107655	11.32	UG/L		100
85) TERT-BUTYLBENZENE	9.881	119	102019	11.52	UG/L		100
86) 1,2,4-TRIMETHYLBENZENE	9.936	105	110574	11.21	UG/L		100
87) SEC-BUTYLBENZENE	10.118	105	147217	11.97	UG/L		99
88) 1,3-DICHLOROBENZENE	10.229	146	64067	11.52	UG/L		99
89) P-ISOPROPYLTOLUENE	10.282	119	131778	11.81	UG/L		99
90) 1,4-DICHLOROBENZENE	10.330	146	64380	11.03	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	112155	10.91	UG/L		100
92) N-BUTYLBENZENE	10.728	91	105023	11.26	UG/L		99
93) 1,2-DICHLOROBENZENE	10.731	146	58937	11.42	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	5831	11.44	UG/L		98
95) 1,3,5-TRICHLOROBENZENE	11.796	180	41938	11.76	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	12.474	180	34742	11.73	UG/L		96
97) HEXACHLOROBUTADIENE	12.655	225	16377	11.96	UG/L		99
98) NAPHTHALENE	12.742	128	87052	12.06	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	13.001	180	28480	11.98	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580) Inst : GCMSVOA2
Misc :
ALS Vial : 21 Sample Multiplier: 1

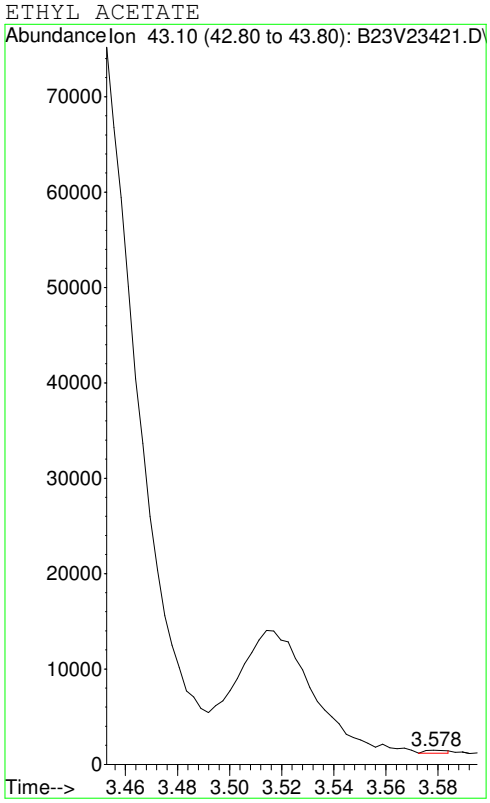
Quant Time: Aug 23 10:03:36 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

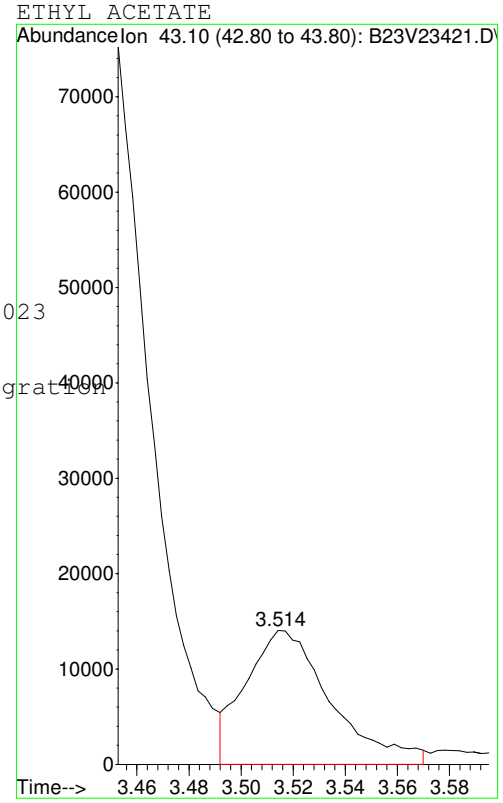
RT : 3.58
Area : 191
Amount: 0.0577627

Manual Int. Results

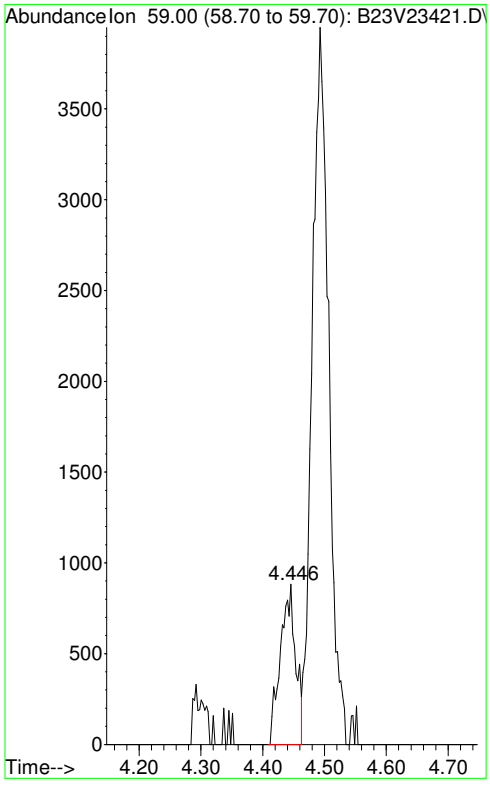
Wed Aug 23 10:04:18 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 31803
Amount: 9.61795

Manual Integration
ETHYL ACETATE



Original Integration
T-BUTYL FORMATE



Original Int. Results

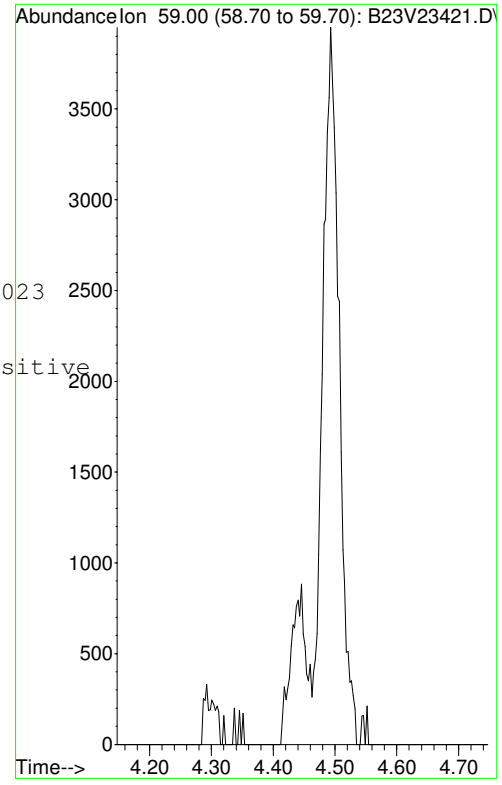
RT : 4.45
Area : 1500
Amount: 0

Manual Int. Results

Wed Aug 23 10:04:23 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

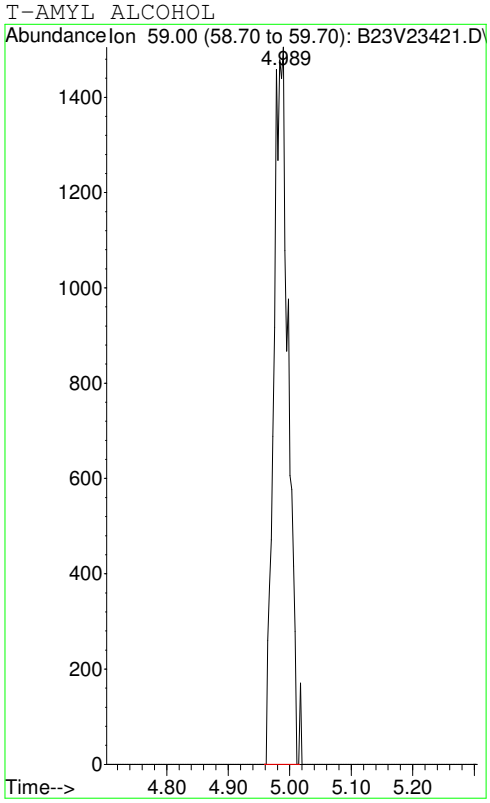
Manual Integration
T-BUTYL FORMATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
T-AMYL ALCOHOL



Original Int. Results

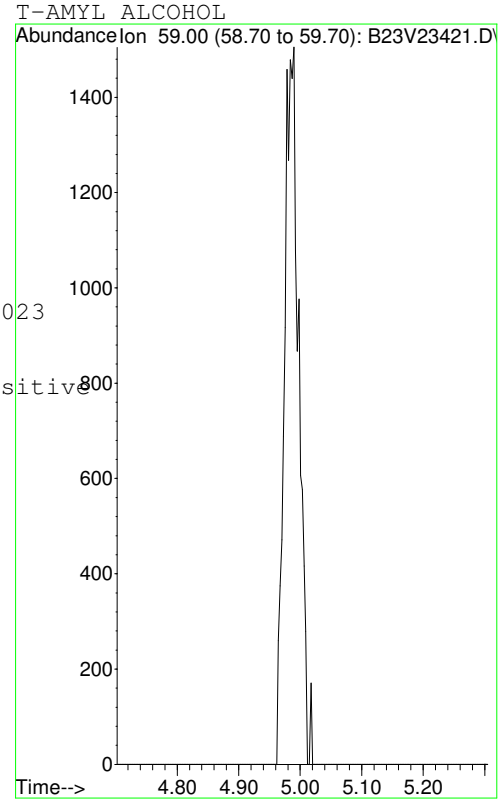
RT : 4.99
Area : 2452
Amount: 0

Manual Int. Results

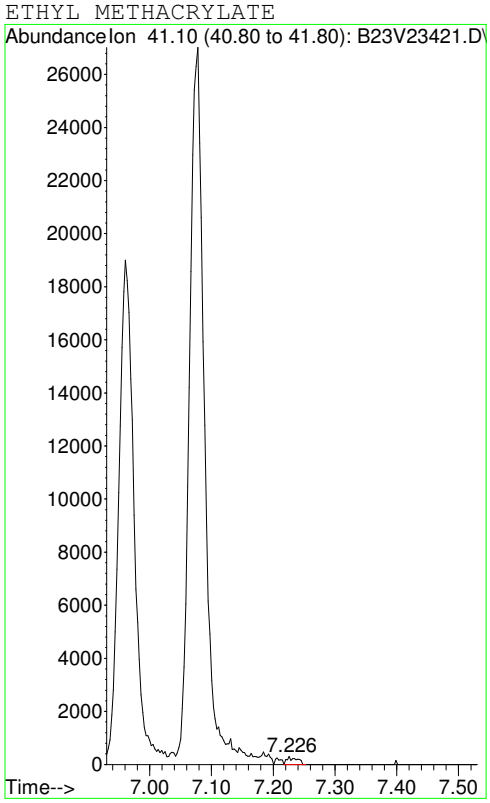
Wed Aug 23 10:04:29 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
T-AMYL ALCOHOL



Original Integration
ETHYL METHACRYLATE



Original Int. Results

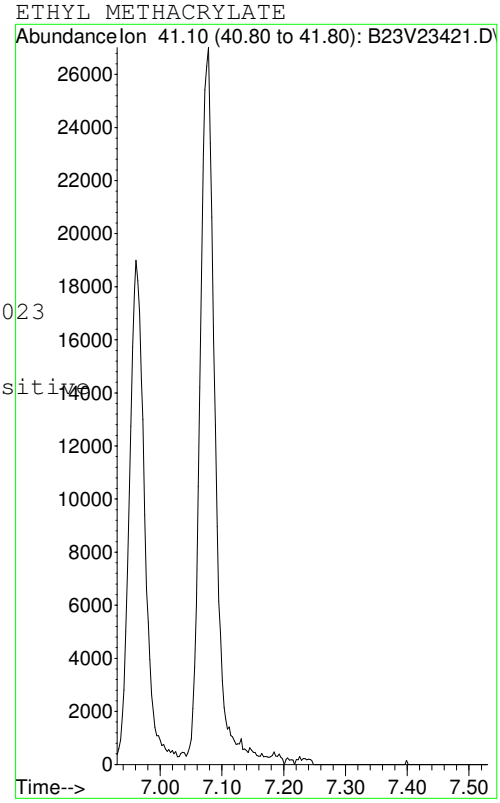
RT : 7.23
Area : 332
Amount: 0

Manual Int. Results

Wed Aug 23 10:04:41 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

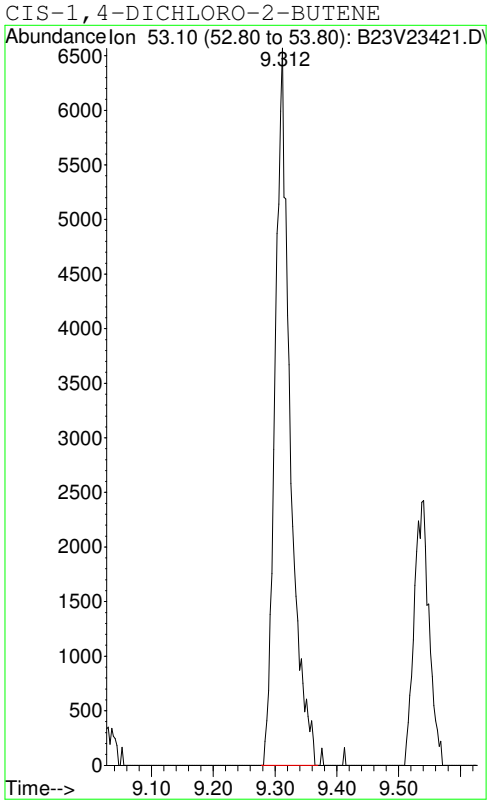
Manual Integration
ETHYL METHACRYLATE



Data Path : C:\msdchem\1\data\B082223\
Data File : B23V23421.D
Acq On : 22 Aug 2023 7:22 pm
Operator :
Sample : ICVD (2303580)
Misc :

Quant Time : Wed Aug 23 10:04:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CIS-1,4-DICHLORO-2-BUTENE



Original Int. Results

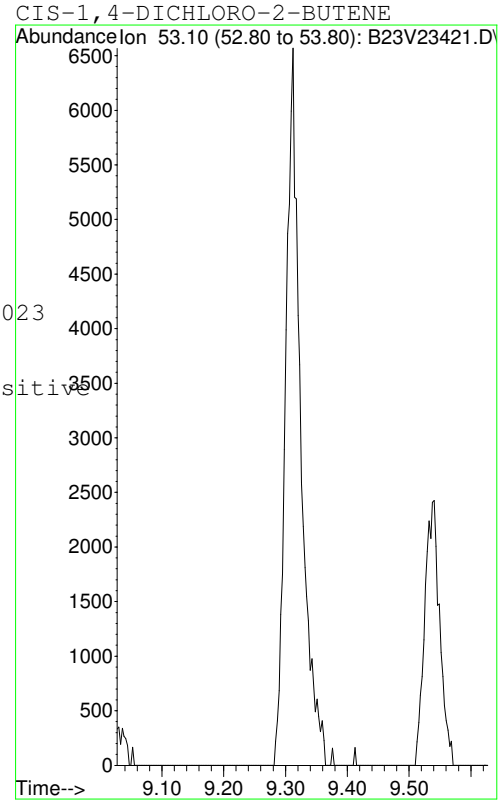
RT : 9.31
Area : 11141
Amount: 0

Manual Int. Results

Wed Aug 23 10:04:53 2023

MIuser: LBD
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CIS-1,4-DICHLORO-2-BUTENE



7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)	
Acetone	A	100	101	0.1820924	0.183904		1.0	30	
Acrolein	A	100	154	9.146822E-02	0.1407032		53.8	30	*
Acrylonitrile	A	10.0	11.4	0.22594	0.2574536		13.9	30	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.9	1.312452	1.425954		8.6	30	
Benzene	A	10.0	11.2	1.667645	1.865266		11.9	30	
Bromobenzene	A	10.0	11.3	1.045039	1.184576		13.4	30	
Bromochloromethane	A	10.0	11.8	0.3793018	0.4471529		17.9	30	
Bromodichloromethane	A	10.0	11.2	0.3940258	0.4401817		11.7	30	
Bromoform	A	10.0	10.1	0.5234936	0.5292662		1.1	30	
Bromomethane	A	10.0	8.16	0.3079598	0.2513358		-18.4	30	
2-Butanone (MEK)	A	100	108	0.2634095	0.2833839		7.6	30	
tert-Butyl Alcohol (TBA)	A	100	97.6	7.183306E-02	7.014449E-02		-2.4	30	
n-Butylbenzene	A	10.0	11.2	1.549707	1.732911		11.8	30	
sec-Butylbenzene	A	10.0	12.0	2.143392	2.566981		19.8	30	
tert-Butylbenzene	A	10.0	11.4	1.606643	1.825231		13.6	30	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.2	1.383365	1.542493		11.5	30	
Carbon Disulfide	A	10.0	12.0	1.250483	1.511129		20.8	30	
Carbon Tetrachloride	A	10.0	10.6	0.528229	0.562664		6.5	30	
Chlorobenzene	A	10.0	11.2	1.57638	1.768171		12.2	30	
Chlorodibromomethane	A	10.0	10.2	0.3363907	0.342212		1.7	30	
Chloroethane	A	10.0	9.09	0.3601205	0.3275001		-9.1	30	
Chloroform	A	10.0	10.8	0.7591359	0.8201018		8.0	30	
Chloromethane	A	10.0	8.06	0.7095398	0.5717854		-19.4	30	
2-Chlorotoluene	A	10.0	11.4	1.746367	1.994993		14.2	30	
4-Chlorotoluene	A	10.0	11.1	1.985163	2.198091		10.7	30	
Cyclohexane	A	10.0	10.7	0.7080121	0.7574062		7.0	30	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.7	0.1649304	0.1765339		7.0	30	
1,2-Dibromoethane (EDB)	A	10.0	11.4	0.299296	0.3417218		14.2	30	
Dibromomethane	A	10.0	10.7	0.1997103	0.2142994		7.3	30	

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
1,2-Dichlorobenzene	A	10.0	11.2	1.213634	1.365738		12.5	30
1,3-Dichlorobenzene	A	10.0	11.5	1.193097	1.375471		15.3	30
1,4-Dichlorobenzene	A	10.0	10.8	1.270795	1.375361		8.2	30
trans-1,4-Dichloro-2-butene	A	10.0	8.71	0.239735	0.2087198		-12.9	30
Dichlorodifluoromethane (Freon 12)	A	10.0	8.90	0.4341094	0.3863701		-11.0	30
1,1-Dichloroethane	A	10.0	10.9	0.787926	0.8592115		9.0	30
1,2-Dichloroethane	A	10.0	10.9	0.4276246	0.4643172		8.6	30
1,1-Dichloroethylene	A	10.0	10.1	0.6503172	0.657403		1.1	30
cis-1,2-Dichloroethylene	A	10.0	10.9	0.6864345	0.7488539		9.1	30
trans-1,2-Dichloroethylene	A	10.0	10.6	0.6178868	0.6520598		5.5	30
Dichlorofluoromethane (Freon 21)	A	10.0	10.6	0.8403159	0.8890417		5.8	30
1,2-Dichloropropane	A	10.0	11.2	0.306328	0.3432776		12.1	30
1,3-Dichloropropane	A	10.0	11.0	0.4974963	0.5494466		10.4	30
2,2-Dichloropropane	A	10.0	10.4	0.6088295	0.6327737		3.9	30
1,1-Dichloropropene	A	10.0	10.7	0.5473735	0.5846217		6.8	30
cis-1,3-Dichloropropene	A	10.0	11.1	0.4734604	0.5268136		11.3	30
trans-1,3-Dichloropropene	A	10.0	11.9	0.4080538	0.4873977		19.4	30
Diethyl Ether	A	10.0	12.0	0.3713617	0.4453508		19.9	30
Difluorochloromethane (Freon 22)	A	10.0	8.17	0.5720824	0.4675772		-18.3	30
Diisopropyl Ether (DIPE)	A	10.0	11.5	1.558552	1.793038		15.0	30
1,4-Dioxane	A	100	90.1	4.731593E-03	4.264464E-03		-9.9	30
Ethanol	A	100	95.5	1.036708E-02	9.902305E-03		-4.5	30
Ethyl Acetate	A	10.0	9.05	0.6506099	0.5887477		-9.5	30
Ethylbenzene	A	10.0	11.7	2.549064	2.984133		17.1	30
Hexachlorobutadiene	A	10.0	11.4	0.2852952	0.3250553		13.9	30
2-Hexanone (MBK)	A	100	104	0.2843475	0.2957494		4.0	30
Iodomethane	A	10.0	9.09	0.5420061	0.4925385		-9.1	30
Isopropylbenzene (Cumene)	A	10.0	11.3	2.395221	2.706585		13.0	30

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
p-Isopropyltoluene (p-Cymene)	A	10.0	11.8	1.842122	2.181726		18.4	30
Methyl Acetate	A	10.0	11.1	0.7088624	0.7855607		10.8	30
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.0	1.412808	1.55027		9.7	30
Methyl Cyclohexane	A	10.0	11.9	0.3308172	0.3942231		19.2	30
Methylene Chloride	A	10.0	10.4	0.6427786	0.6675994		3.9	30
4-Methyl-2-pentanone (MIBK)	A	100	101	0.4112112	0.4152002		1.0	30
Naphthalene	A	10.0	9.41	2.035952	1.915201		-5.9	30
n-Propylbenzene	A	10.0	11.5	2.678168	3.074493		14.8	30
Styrene	A	10.0	11.4	1.683114	1.915095		13.8	30
1,1,1,2-Tetrachloroethane	A	10.0	11.0	0.5844025	0.6406587		9.6	30
1,1,2,2-Tetrachloroethane	A	10.0	11.0	0.9177436	1.008935		9.9	30
Tetrachloroethylene	A	10.0	11.4	0.2808079	0.3210495		14.3	30
Tetrahydrofuran	A	10.0	9.34	0.1875945	0.1752822		-6.6	30
Toluene	A	10.0	11.1	1.195157	1.329379		11.2	30
1,2,3-Trichlorobenzene	A	10.0	10.4	0.6638408	0.6891524		3.8	30
1,2,4-Trichlorobenzene	A	10.0	10.5	0.6791191	0.7146163		5.2	30
1,3,5-Trichlorobenzene	A	10.0	11.5	0.7413149	0.8544813		15.3	30
1,1,1-Trichloroethane	A	10.0	10.8	0.6322124	0.6835815		8.1	30
1,1,2-Trichloroethane	A	10.0	11.1	0.2797054	0.3108519		11.1	30
Trichloroethylene	A	10.0	11.0	0.2768359	0.3048846		10.1	30
Trichlorofluoromethane (Freon 11)	A	10.0	10.5	0.6391431	0.6730058		5.3	30
1,2,3-Trichloropropane	A	10.0	9.91	0.7526804	0.7459519		-0.9	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.1	0.377547	0.4201524		11.3	30
1,2,4-Trimethylbenzene	A	10.0	11.3	1.974771	2.240036		13.4	30
1,3,5-Trimethylbenzene	A	10.0	11.4	1.963624	2.241654		14.2	30
Vinyl Acetate	A	100	99.1	1.31257	1.300476		-0.9	30
Vinyl Chloride	A	10.0	8.94	0.5221577	0.4665655		-10.6	30
m+p Xylene	A	20.0	22.7	1.99021	2.263186		13.7	30

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V21926.D	Calibration Date:	08/08/22 10:18
Sequence:	S075427	Injection Date:	08/08/22
Lab Sample ID:	S075427-ICV1	Injection Time:	17:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
o-Xylene	A	10.0	11.4	2.094658	2.385562		13.9	30
1,2-Dichloroethane-d4	A	25.0	25.0	0.5629535	0.5620854		-0.2	
Toluene-d8	A	25.0	24.9	1.188132	1.183765		-0.4	
4-Bromofluorobenzene	A	25.0	24.9	0.8894447	0.8873023		-0.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)	
Acetone	A	100	123	0.1886873	0.2318476		22.9	30	
Acrolein	A	100	45.0	0.1165386	5.247063E-02		-55.0	30	*
Acrylonitrile	A	10.0	11.4	0.2402305	0.2735577		13.9	30	
tert-Amyl Methyl Ether (TAME)	A	10.0	11.1	1.338121	1.480065		10.6	30	
Benzene	A	10.0	11.4	1.87242	2.144129		14.5	30	
Bromobenzene	A	10.0	10.8	1.017558	1.098443		7.9	30	
Bromochloromethane	A	10.0	11.1	0.2374894	0.2629197		10.7	30	
Bromodichloromethane	A	10.0	11.0	0.3633148	0.3999485		10.1	30	
Bromoform	A	10.0	11.0	0.3942354	0.4347752		10.3	30	
Bromomethane	A	10.0	9.41	0.2918845	0.2746909		-5.9	30	
2-Butanone (MEK)	A	100	111	0.2953406	0.3273373		10.8	30	
tert-Butyl Alcohol (TBA)	A	100	99.3	6.281274E-02	0.0623755		-0.7	30	
n-Butylbenzene	A	10.0	10.7	2.069179	2.213664		7.0	30	
sec-Butylbenzene	A	10.0	11.6	2.728342	3.158148		15.8	30	
tert-Butylbenzene	A	10.0	10.9	1.965804	2.151399		9.4	30	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.4	1.612841	1.842265		14.2	30	
Carbon Disulfide	A	10.0	12.8	1.128181	1.438323		27.5	30	
Carbon Tetrachloride	A	10.0	10.7	0.7037482	0.7530989		7.0	30	
Chlorobenzene	A	10.0	10.9	1.618839	1.763585		8.9	30	
Chlorodibromomethane	A	10.0	10.9	0.3138034	0.3406462		8.6	30	
Chloroethane	A	10.0	10.4	0.3570477	0.3716352		4.1	30	
Chloroform	A	10.0	11.7	0.7941618	0.9262203		16.6	30	
Chloromethane	A	10.0	9.48	0.921604	0.8735161		-5.2	30	
2-Chlorotoluene	A	10.0	10.7	1.946982	2.086158		7.1	30	
4-Chlorotoluene	A	10.0	10.7	2.265428	2.420612		6.9	30	
Cyclohexane	A	10.0	11.6	1.151711	1.330162		15.5	30	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.9	0.1131143	0.1230549		8.8	30	
1,2-Dibromoethane (EDB)	A	10.0	11.5	0.2715205	0.3126043		15.1	30	
Dibromomethane	A	10.0	11.3	0.1638529	0.1846988		12.7	30	

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
1,2-Dichlorobenzene	A	10.0	11.0	1.145222	1.262278		10.2	30
1,3-Dichlorobenzene	A	10.0	11.1	1.234696	1.373201		11.2	30
1,4-Dichlorobenzene	A	10.0	10.6	1.295066	1.372984		6.0	30
trans-1,4-Dichloro-2-butene	A	10.0	9.50	0.2712216	0.2576333		-5.0	30
Dichlorodifluoromethane (Freon 12)	A	10.0	9.04	0.5076679	0.458959		-9.6	30
1,1-Dichloroethane	A	10.0	12.0	0.9157079	1.09504		19.6	30
1,2-Dichloroethane	A	10.0	11.6	0.3692397	0.4264191		15.5	30
1,1-Dichloroethylene	A	10.0	11.8	0.7183183	0.8438454		17.5	30
cis-1,2-Dichloroethylene	A	10.0	11.8	0.8250032	0.9751087		18.2	30
trans-1,2-Dichloroethylene	A	10.0	12.0	0.7266709	0.8746261		20.4	30
Dichlorofluoromethane (Freon 21)	A	10.0	10.8	0.8150758	0.8814252		8.1	30
1,2-Dichloropropane	A	10.0	11.5	0.3092735	0.3553957		14.9	30
1,3-Dichloropropane	A	10.0	10.7	0.4445131	0.4757617		7.0	30
2,2-Dichloropropane	A	10.0	10.1	0.6911486	0.6963476		0.8	30
1,1-Dichloropropene	A	10.0	11.4	0.6743689	0.7692871		14.1	30
cis-1,3-Dichloropropene	A	10.0	10.6	0.4675584	0.4967329		6.2	30
trans-1,3-Dichloropropene	A	10.0	11.2	0.4021062	0.448442		11.5	30
Diethyl Ether	A	10.0	12.4	0.3592915	0.4469104		24.4	30
Difluorochloromethane (Freon 22)	A	10.0	10.3	0.7758997	0.798819		3.0	30
Diisopropyl Ether (DIPE)	A	10.0	11.9	2.043934	2.436951		19.2	30
1,4-Dioxane	A	100	97.5	3.834256E-03	3.73934E-03		-2.5	30
Ethanol	A	100	93.8	9.413334E-03	8.83414E-03		-6.2	30
Ethyl Acetate	A	10.0	8.84	0.7826219	0.6918149		-11.6	30
Ethylbenzene	A	10.0	11.2	2.751109	3.066881		11.5	30
Hexachlorobutadiene	A	10.0	11.3	0.3038286	0.3445971		13.4	30
2-Hexanone (MBK)	A	100	101	0.2910779	0.2946311		1.2	30
Iodomethane	A	10.0	8.17	0.6158952	0.5034304		-18.3	30
Isopropylbenzene (Cumene)	A	10.0	10.9	2.912551	3.166478		8.7	30

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
p-Isopropyltoluene (p-Cymene)	A	10.0	11.4	2.477135	2.816481		13.7	30
Methyl Acetate	A	10.0	12.6	0.5480667	0.6926706		26.4	30
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.8	1.240174	1.342327		8.2	30
Methyl Cyclohexane	A	10.0	11.7	0.4844583	0.5671861		17.1	30
Methylene Chloride	A	10.0	11.0	0.8289869	0.9140097		10.3	30
4-Methyl-2-pentanone (MIBK)	A	100	104	0.3874748	0.4040236		4.3	30
Naphthalene	A	10.0	10.9	1.601921	1.747662		9.1	30
n-Propylbenzene	A	10.0	10.9	3.392799	3.689766		8.8	30
Styrene	A	10.0	11.1	1.798821	1.994793		10.9	30
1,1,1,2-Tetrachloroethane	A	10.0	11.3	0.563075	0.6374068		13.2	30
1,1,2,2-Tetrachloroethane	A	10.0	11.2	0.6543669	0.7339637		12.2	30
Tetrachloroethylene	A	10.0	11.4	0.259656	0.2962074		14.1	30
Tetrahydrofuran	A	10.0	11.6	0.2281792	0.2634748		15.5	30
Toluene	A	10.0	10.7	1.280736	1.372342		7.2	30
1,2,3-Trichlorobenzene	A	10.0	11.0	0.5277462	0.5816134		10.2	30
1,2,4-Trichlorobenzene	A	10.0	11.2	0.6572101	0.7367884		12.1	30
1,3,5-Trichlorobenzene	A	10.0	11.2	0.7916624	0.8868416		12.0	30
1,1,1-Trichloroethane	A	10.0	11.7	0.7320261	0.8533271		16.6	30
1,1,2-Trichloroethane	A	10.0	11.4	0.2440284	0.279215		14.4	30
Trichloroethylene	A	10.0	12.2	0.2887468	0.3516956		21.8	30
Trichlorofluoromethane (Freon 11)	A	10.0	11.3	0.6425119	0.7284465		13.4	30
1,2,3-Trichloropropane	A	10.0	10.6	0.214651	0.2286592		6.5	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.2	0.3878568	0.4716321		21.6	30
1,2,3-Trimethylbenzene	A	10.0	10.5	2.281923	2.398333		5.1	30
1,2,4-Trimethylbenzene	A	10.0	11.0	2.189137	2.410248		10.1	30
1,3,5-Trimethylbenzene	A	10.0	11.0	2.399254	2.646488		10.3	30
Vinyl Acetate	A	100	87.4	1.477437	1.291616		-12.6	30
Vinyl Chloride	A	10.0	9.58	0.6444279	0.6176267		-4.2	30

7 - FORM VII

INITIAL CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V23420.D	Calibration Date:	08/22/23 11:59
Sequence:	S092419	Injection Date:	08/22/23
Lab Sample ID:	S092419-ICV1	Injection Time:	18:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	ICV	ICAL	ICV	MIN (#)	ICV	LIMIT (#)
m+p Xylene	A	20.0	21.4	2.16433	2.310199		6.7	30
o-Xylene	A	10.0	11.1	2.206763	2.455151		11.3	30
1,2-Dichloroethane-d4	A	25.0	26.1	0.624035	0.650387		4.2	
Toluene-d8	A	25.0	25.3	1.261711	1.277595		1.3	
4-Bromofluorobenzene	A	25.0	25.1	0.9530317	0.9561592		0.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V31702.D	Calibration Date:	08/22/23 11:59
Sequence:	S096328	Injection Date:	11/13/23
Lab Sample ID:	S096328-CCV1	Injection Time:	09:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	107	0.1886873	0.2017572		6.9	20
Benzene	A	10.0	10.1	1.87242	1.892482		1.1	20
Bromochloromethane	A	10.0	10.6	0.2374894	0.2507547		5.6	20
Bromodichloromethane	A	10.0	11.2	0.3633148	0.4063338		11.8	20
Bromoform	A	10.0	10.9	0.3942354	0.4307634		9.3	20
Bromomethane	A	10.0	8.63	0.2918845	0.2520033		-13.7	20
2-Butanone (MEK)	A	100	97.4	0.2953406	0.2875207		-2.6	20
Carbon Disulfide	A	100	118	1.128181	1.328013		17.7	20
Carbon Tetrachloride	A	10.0	10.6	0.7037482	0.745863		6.0	20
Chlorobenzene	A	10.0	10.1	1.618839	1.628384		0.6	20
Chlorodibromomethane	A	10.0	11.1	0.3138034	0.3480318		10.9	20
Chloroethane	A	10.0	11.4	0.3570477	0.40573		13.6	20
Chloroform	A	10.0	10.6	0.7941618	0.8414047		5.9	20
Chloromethane	A	10.0	8.95	0.921604	0.8248965		-10.5	20
Cyclohexane	A	10.0	9.06	1.151711	1.043764		-9.4	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	11.5	0.1131143	0.1298699		14.8	20
1,2-Dibromoethane (EDB)	A	10.0	11.2	0.2715205	0.3035828		11.8	20
1,2-Dichlorobenzene	A	10.0	9.96	1.145222	1.140362		-0.4	20
1,3-Dichlorobenzene	A	10.0	9.66	1.234696	1.192441		-3.4	20
1,4-Dichlorobenzene	A	10.0	9.31	1.295066	1.206092		-6.9	20
Dichlorodifluoromethane (Freon 12)	A	10.0	11.6	0.5076679	0.5916408		16.5	20
1,1-Dichloroethane	A	10.0	9.95	0.9157079	0.9115399		-0.5	20
1,2-Dichloroethane	A	10.0	11.6	0.3692397	0.4300156		16.5	20
1,1-Dichloroethylene	A	10.0	11.1	0.7183183	0.7999855		11.4	20
cis-1,2-Dichloroethylene	A	10.0	10.1	0.8250032	0.8329028		1.0	20
trans-1,2-Dichloroethylene	A	10.0	10.4	0.7266709	0.7551774		3.9	20
1,2-Dichloropropane	A	10.0	10.3	0.3092735	0.3184113		3.0	20
cis-1,3-Dichloropropene	A	10.0	10.5	0.4675584	0.4920126		5.2	20
trans-1,3-Dichloropropene	A	10.0	10.9	0.4021062	0.4368323		8.6	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA2	Calibration:	2301046
Lab File ID:	B23V31702.D	Calibration Date:	08/22/23 11:59
Sequence:	S096328	Injection Date:	11/13/23
Lab Sample ID:	S096328-CCV1	Injection Time:	09:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dioxane	A	100	95.4	3.834256E-03	3.657139E-03		-4.6	20	
Ethylbenzene	A	10.0	10.2	2.751109	2.801775		1.8	20	
2-Hexanone (MBK)	A	100	101	0.2910779	0.2953953		1.5	20	
Isopropylbenzene (Cumene)	A	10.0	9.35	2.912551	2.723356		-6.5	20	
Methyl Acetate	A	10.0	9.34	0.5480667	0.5117553		-6.6	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.7	1.240174	1.328962		7.2	20	
Methyl Cyclohexane	A	10.0	9.88	0.4844583	0.4788059		-1.2	20	
Methylene Chloride	A	10.0	8.86	0.8289869	0.7342498		-11.4	20	
4-Methyl-2-pentanone (MIBK)	A	100	103	0.3874748	0.3985671		2.9	20	
Styrene	A	10.0	9.92	1.798821	1.784067		-0.8	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.5	0.6543669	0.7519662		14.9	20	
Tetrachloroethylene	A	10.0	10.5	0.259656	0.2727794		5.1	20	
Toluene	A	10.0	10.3	1.280736	1.32257		3.3	20	
1,2,3-Trichlorobenzene	A	10.0	9.55	0.5277462	0.5039001		-4.5	20	
1,2,4-Trichlorobenzene	A	10.0	9.57	0.6572101	0.628916		-4.3	20	
1,1,1-Trichloroethane	A	10.0	10.8	0.7320261	0.7930889		8.3	20	
1,1,2-Trichloroethane	A	10.0	11.1	0.2440284	0.2703649		10.8	20	
Trichloroethylene	A	10.0	10.8	0.2887468	0.3116677		7.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	12.2	0.6425119	0.7825062		21.8	20	*
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	0.3878568	0.4582868		18.2	20	
Vinyl Chloride	A	10.0	11.4	0.6444279	0.7354785		14.1	20	
m+p Xylene	A	20.0	20.0	2.16433	2.168594		0.2	20	
o-Xylene	A	10.0	9.95	2.206763	2.196359		-0.5	20	
1,2-Dichloroethane-d4	A	25.0	25.7	0.624035	0.6415976		2.8		
Toluene-d8	A	25.0	24.8	1.261711	1.253407		-0.7		
4-Bromofluorobenzene	A	25.0	24.3	0.9530317	0.9277347		-2.7		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31702.D
Acq On : 13 Nov 2023 9:47 am
Operator :
Sample : BFB / 82060 STD 10 PPB 23I0639 Inst : GCMSVOA2
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 11:01:09 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.960	168	151379	30.00	UG/L		-0.01
44) 1,4-DIFLOUROBENZENE - ...	4.719	114	246012	30.00	UG/L		-0.01
65) CHLOROBENZENE-D5 ISTD	7.781	82	132365	30.00	UG/L		-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.290	152	141534	30.00	UG/L		-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.247	65	80937	25.70	UG/L		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.80%				
45) TOLUENE-D8 SS	6.253	98	256961	24.84	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%				
66) 4-BROMOFLUROBENZENE SS	9.047	95	102333	24.34	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.010	85	29854	11.65	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.018	51	42094	10.75	UG/L		97
5) CHLOROMETHANE	1.116	50	41624	8.95	UG/L		99
6) VINYL CHLORIDE	1.169	62	37112	11.41	UG/L		97
7) BROMOMETHANE	1.336	94	12716	8.63	UG/L		99
8) CHLOROETHANE	1.398	64	20473	11.36	UG/L		94
9) FLUORODICHLOROMETHANE	1.512	67	45789	11.13	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.543	101	39485	12.18	UG/L		96
11) ETHANOL	1.668	45	4536	95.50	UG/L	#	90
12) DI ETHYL ETHER	1.718	59	18982	10.47	UG/L		97
13) ACROLEIN	1.807	56	73350	124.73	UG/L	#	94
14) ACETONE	1.911	43	101806	106.93	UG/L		100
15) 1,1-DICHLOROETHENE	1.863	61	40367	11.14	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.855	101	23125	11.82	UG/L		100
17) IODOMETHANE	1.972	142	278235	89.53	UG/L		98
18) METHYL ACETATE	2.134	43	25823	9.34	UG/L		97
19) T-BUTYL ALCOHOL	2.312	59	32516	102.59	UG/L		99
20) ACRYLONITRILE	2.424	53	11754	9.70	UG/L		98
21) METHYLENE CHLORIDE	2.209	49	37050	8.86	UG/L		92
22) CARBON DISULFIDE	2.014	76	670111	117.71	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.418	73	67059	10.72	UG/L		94
24) TRANS 1,2-DICHLOROETHENE	2.418	61	38106	10.39	UG/L		97
25) 1,1-DICHLOROETHANE	2.800	63	45996	9.95	UG/L		99
26) VINYL ACETATE	2.859	43	729600	97.87	UG/L		99
27) DI ISOPROPYL ETHER	2.862	45	93108	9.03	UG/L		96
28) 2-BUTANONE	3.433	43	145082	97.35	UG/L		96
29) T-BUTYL ETHYL ETHER	3.241	59	80855	9.94	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.397	61	42028	10.10	UG/L		99
31) 2,2-DICHLOROPROPANE	3.386	77	38499	11.04	UG/L		99
32) ETHYL ACETATE	3.500	43	39187m	9.92	UG/L		
33) BROMOCHLOROMETHANE	3.648	128	12653	10.56	UG/L		93
34) TETRAHYDROFURAN	3.698	42	10383	9.02	UG/L		96
36) CHLOROFORM	3.734	83	42457	10.59	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.905	97	40019	10.83	UG/L		98
38) CYCLOHEXANE	3.941	56	52668	9.06	UG/L		97
39) CARBON TETRACHLORIDE	4.063	117	37636	10.60	UG/L		98
40) 1,1-DICHLOROPROPENE	4.077	75	34826	10.23	UG/L		100
41) BENZENE	4.292	78	95494	10.11	UG/L		97
43) T-AMYLMETHYL ETHER	4.423	73	69411	10.28	UG/L		96
46) 1,2-DICHLOROETHANE	4.328	62	35263	11.65	UG/L		96
47) TRICHLOROETHENE	4.973	95	25558	10.79	UG/L		99
48) METHYLCYCLOHEXANE	5.151	83	39264	9.88	UG/L		98
49) 1,2-DICHLOROPROPANE	5.215	63	26111	10.30	UG/L		98
50) DIBROMOMETHANE	5.341	93	15902	11.83	UG/L		96
51) 1,4-DIOXANE	5.385	88	2999	95.38	UG/L	#	89
52) BROMODICHLOROMETHANE	5.516	83	33321	11.18	UG/L		95
53) 2-CHLOROETHYLVINYLETHER	5.859	63	147286	85.49	UG/L		95
54) MIBK	6.174	43	326841	102.86	UG/L		98

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31702.D
Acq On : 13 Nov 2023 9:47 am
Operator :
Sample : BFB / 82060 STD 10 PPB 23I0639 Inst : GCMSVOA2
Misc :
ALS Vial : 2 Sample Multiplier: 1

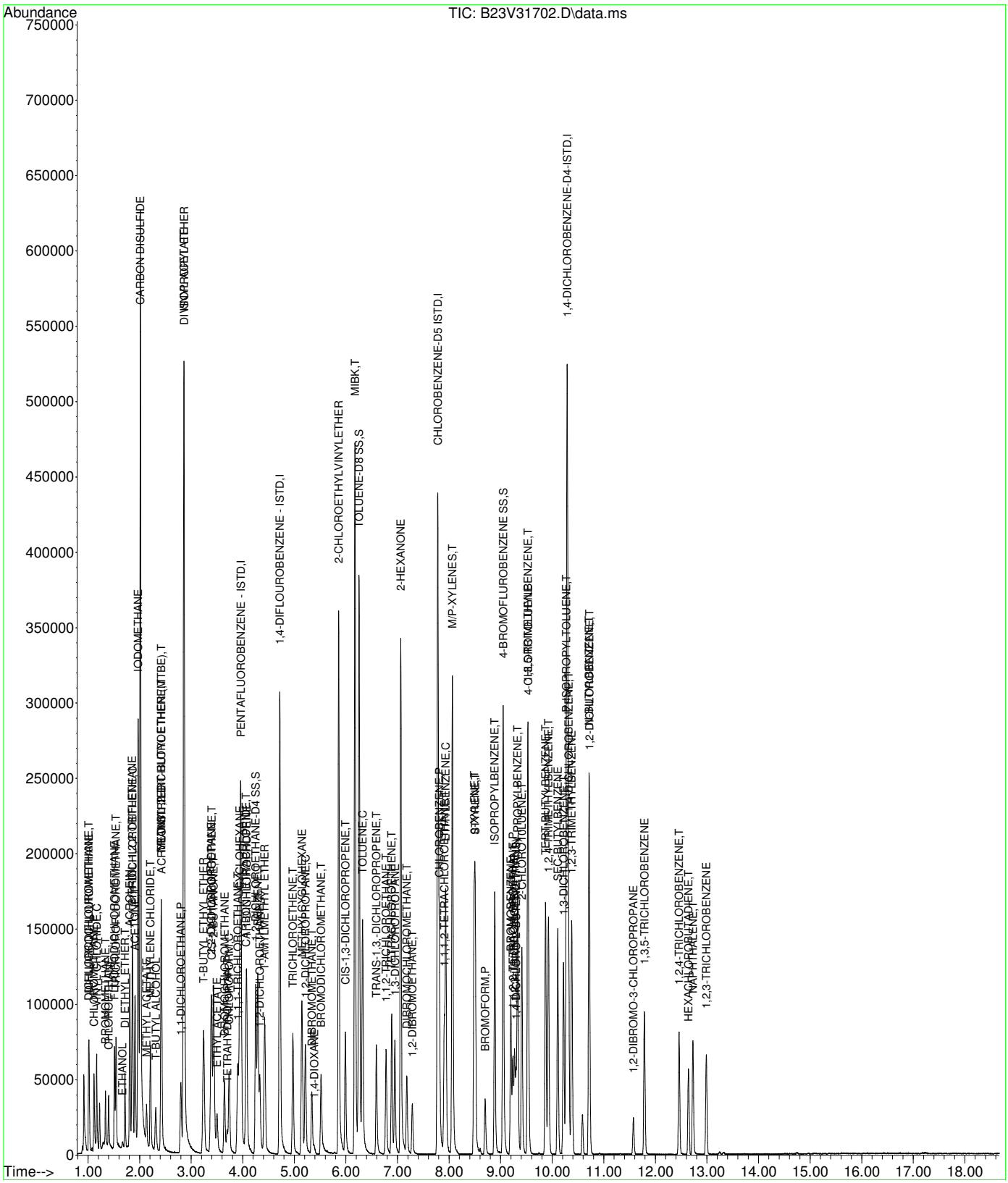
Quant Time: Nov 14 11:01:09 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	5.990	75	40347	10.52	UG/L		94
56) TOLUENE	6.325	91	108456	10.33	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.590	75	35822	10.86	UG/L		96
59) 1,1,2-TRICHLOROETHANE	6.777	97	22171	11.08	UG/L		100
60) 2-HEXANONE	7.064	43	242236	101.48	UG/L		98
61) TETRACHLOROETHENE	6.886	164	22369	10.51	UG/L		98
62) 1,3-DICHLOROPROPANE	6.952	76	38954	10.69	UG/L		98
63) DIBROMOCHLOROMETHANE	7.178	129	28540	11.09	UG/L		99
64) 1,2-DIBROMOETHANE	7.287	107	24895	11.18	UG/L		100
67) CHLOROBENZENE	7.811	112	71847	10.06	UG/L		100
68) 1,1,1,2-TETRACHLOROETHANE	7.909	131	26627	10.72	UG/L		98
69) ETHYLBENZENE	7.934	91	123619	10.18	UG/L		100
70) M/P-XYLENES	8.065	91	191364	20.04	UG/L		98
71) 0-XYLENE	8.486	91	96907	9.95	UG/L		100
72) STYRENE	8.506	104	78716	9.92	UG/L		98
73) BROMOFORM	8.698	173	19006	10.93	UG/L	#	97
74) ISOPROPYLBENZENE	8.885	105	120159	9.35	UG/L		100
76) 1,1,2,2-TETRACHLOROETHANE	9.239	83	33178	11.49	UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.298	53	12609	10.54	UG/L		97
78) BROMOBENZENE	9.197	77	44692	9.95	UG/L		99
79) 1,2,3-TRICHLOROPROPANE	9.270	110	10383	10.96	UG/L		97
80) N-PROPYLBENZENE	9.328	91	139341	9.31	UG/L		99
81) 2-CHLOROT0LUENE	9.412	91	80285	9.35	UG/L		98
82) 1,3,5-TRIMETHYLBENZENE	9.526	105	98571	9.31	UG/L		100
83) 4-CHLOROTOLUENE	9.532	91	94355	9.44	UG/L		100
85) TERT-BUTYLBENZENE	9.869	119	86464	9.32	UG/L		98
86) 1,2,4-TRIMETHYLBENZENE	9.928	105	99342	9.62	UG/L		98
87) SEC-BUTYLBENZENE	10.106	105	113298	8.80	UG/L		99
88) 1,3-DICHLOROBENZENE	10.218	146	56257	9.66	UG/L		99
89) P-ISOPROPYLTOLUENE	10.271	119	103656	8.87	UG/L		99
90) 1,4-DICHLOROBENZENE	10.316	146	56901	9.31	UG/L		96
91) 1,2,3-TRIMETHYLBENZENE	10.377	105	99616	9.25	UG/L		99
92) N-BUTYLBENZENE	10.714	91	83058	8.51	UG/L		99
93) 1,2-DICHLOROBENZENE	10.720	146	53800	9.96	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.570	75	6127	11.48	UG/L		95
95) 1,3,5-TRICHLOROBENZENE	11.788	180	34992	9.37	UG/L		98
96) 1,2,4-TRICHLOROBENZENE	12.457	180	29671	9.57	UG/L		98
97) HEXACHLOROBUTADIENE	12.641	225	12226	8.53	UG/L		97
98) NAPHTHALENE	12.728	128	69391	9.18	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.987	180	23773	9.55	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31702.D
Acq On : 13 Nov 2023 9:47 am
Operator :
Sample : BFB / 82060 STD 10 PPB 23I0639 Inst : GCMSVOA2
Misc :
ALS Vial : 2 Sample Multiplier: 1

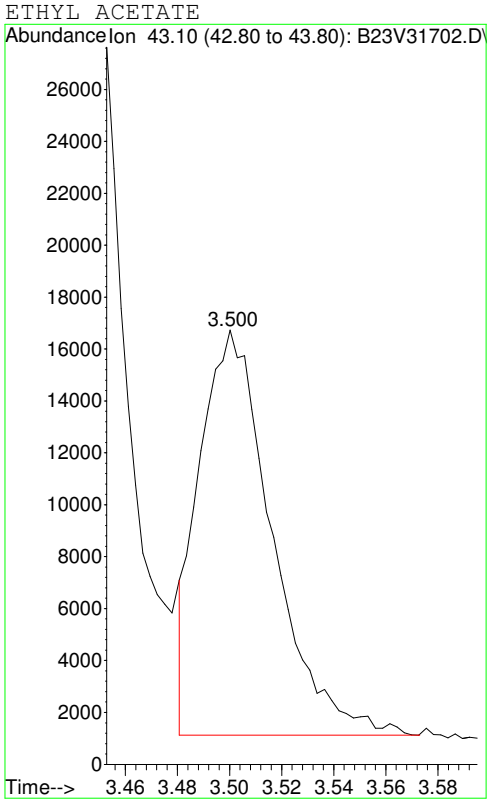
Quant Time: Nov 14 11:01:09 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31702.D
Acq On : 13 Nov 2023 9:47 am
Operator :
Sample : BFB / 82060 STD 10 PPB 23I0639
Misc :

Quant Time : Tue Nov 14 13:58:06 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

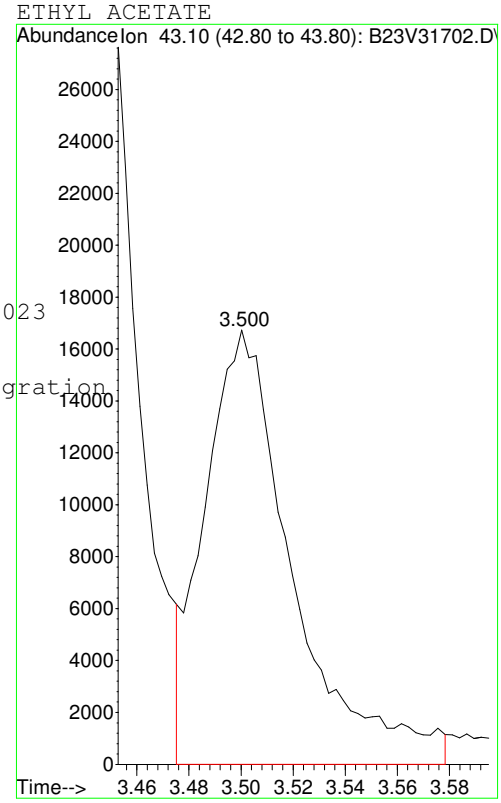
RT : 3.50
Area : 30425
Amount: 7.70432

Manual Int. Results

Tue Nov 14 13:58:06 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.50
Area : 39187
Amount: 9.92306

Manual Integration
ETHYL ACETATE



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V31804.D	Calibration Date:	08/08/22 10:18
Sequence:	S096354	Injection Date:	11/14/23
Lab Sample ID:	S096354-CCV1	Injection Time:	10:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	87.3	0.1820924	0.1590326		-12.7	20	
Benzene	A	10.0	11.8	1.667645	1.965666		17.9	20	
Bromochloromethane	A	10.0	11.3	0.3793018	0.4282622		12.9	20	
Bromodichloromethane	A	10.0	9.46	0.3940258	0.3728774		-5.4	20	
Bromoform	A	10.0	8.09	0.5234936	0.423467		-19.1	20	
Bromomethane	A	10.0	14.1	0.3079598	0.4352742		41.3	20	*
2-Butanone (MEK)	A	100	99.9	0.2634095	0.2632044		-0.08	20	
Carbon Disulfide	A	100	108	1.250483	1.349484		7.9	20	
Carbon Tetrachloride	A	10.0	9.72	0.528229	0.5132692		-2.8	20	
Chlorobenzene	A	10.0	10.8	1.57638	1.696557		7.6	20	
Chlorodibromomethane	A	10.0	9.09	0.3363907	0.3056479		-9.1	20	
Chloroethane	A	10.0	10.4	0.3601205	0.375327		4.2	20	
Chloroform	A	10.0	10.5	0.7591359	0.7938946		4.6	20	
Chloromethane	A	10.0	9.73	0.7095398	0.6903882		-2.7	20	
Cyclohexane	A	10.0	10.7	0.7080121	0.7591667		7.2	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.09	0.1649304	0.1333565		-19.1	20	
1,2-Dibromoethane (EDB)	A	10.0	9.85	0.299296	0.2949311		-1.5	20	
1,2-Dichlorobenzene	A	10.0	10.7	1.213634	1.300358		7.1	20	
1,3-Dichlorobenzene	A	10.0	10.8	1.193097	1.282202		7.5	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.270795	1.297527		2.1	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	11.4	0.4341094	0.4926449		13.5	20	
1,1-Dichloroethane	A	10.0	10.5	0.787926	0.8279718		5.1	20	
1,2-Dichloroethane	A	10.0	9.19	0.4276246	0.3931343		-8.1	20	
1,1-Dichloroethylene	A	10.0	9.66	0.6503172	0.6281834		-3.4	20	
cis-1,2-Dichloroethylene	A	10.0	10.5	0.6864345	0.72331		5.4	20	
trans-1,2-Dichloroethylene	A	10.0	10.1	0.6178868	0.6243985		1.1	20	
1,2-Dichloropropane	A	10.0	10.5	0.306328	0.320758		4.7	20	
cis-1,3-Dichloropropene	A	10.0	10.3	0.4734604	0.4896952		3.4	20	
trans-1,3-Dichloropropene	A	10.0	9.84	0.4080538	0.4015824		-1.6	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Instrument ID:	GCMSVOA3	Calibration:	2200537
Lab File ID:	C22V31804.D	Calibration Date:	08/08/22 10:18
Sequence:	S096354	Injection Date:	11/14/23
Lab Sample ID:	S096354-CCV1	Injection Time:	10:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dioxane	A	100	80.4	4.731593E-03	3.803351E-03		-19.6	20	
Ethylbenzene	A	10.0	10.3	2.549064	2.629952		3.2	20	
2-Hexanone (MBK)	A	100	81.7	0.2843475	0.232266		-18.3	20	
Isopropylbenzene (Cumene)	A	10.0	9.83	2.395221	2.353507		-1.7	20	
Methyl Acetate	A	10.0	10.5	0.7088624	0.7471613		5.4	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.96	1.412808	1.407828		-0.4	20	
Methyl Cyclohexane	A	10.0	10.5	0.3308172	0.3469151		4.9	20	
Methylene Chloride	A	10.0	9.76	0.6427786	0.6276389		-2.4	20	
4-Methyl-2-pentanone (MIBK)	A	100	84.8	0.4112112	0.348923		-15.1	20	
Styrene	A	10.0	10.2	1.683114	1.724042		2.4	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.52	0.9177436	0.8737413		-4.8	20	
Tetrachloroethylene	A	10.0	9.91	0.2808079	0.2782126		-0.9	20	
Toluene	A	10.0	10.4	1.195157	1.241706		3.9	20	
1,2,3-Trichlorobenzene	A	10.0	9.61	0.6638408	0.6379228		-3.9	20	
1,2,4-Trichlorobenzene	A	10.0	9.23	0.6791191	0.6268174		-7.7	20	
1,1,1-Trichloroethane	A	10.0	9.84	0.6322124	0.6221143		-1.6	20	
1,1,2-Trichloroethane	A	10.0	10.2	0.2797054	0.2841466		1.6	20	
Trichloroethylene	A	10.0	10.2	0.2768359	0.2835287		2.4	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.53	0.6391431	0.6093785		-4.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.5	0.377547	0.3950084		4.6	20	
Vinyl Chloride	A	10.0	12.0	0.5221577	0.6280771		20.3	20	*
m+p Xylene	A	20.0	20.6	1.99021	2.052107		3.1	20	
o-Xylene	A	10.0	9.93	2.094658	2.080357		-0.7	20	
1,2-Dichloroethane-d4	A	25.0	23.7	0.5629535	0.5345097		-5.1		
Toluene-d8	A	25.0	24.6	1.188132	1.17087		-1.5		
4-Bromofluorobenzene	A	25.0	23.8	0.8894447	0.847511		-4.7		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31804.D
Acq On : 14 Nov 2023 10:37 am
Operator :
Sample : 8260 STD 10PPB 23I0640 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 13:42:19 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.289	168	225899	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	5.008	114	354398	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.841	82	168424	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.137	152	164244	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.559	65	100621	23.74	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.96%				
49) TOLUENE SS	6.444	98	345795	24.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%				
71) 4-BROMOFLUOROBENZENE SS	8.999	95	118951	23.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.124	85	37096	11.35	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.132	51	44907	10.42	UG/L	#	100
5) CHLOROMETHANE	1.238	50	51986	9.73	UG/L	#	24
6) VINYL CHLORIDE	1.305	62	47294	12.03	UG/L		99
7) BROMOMETHANE	1.503	94	32776	14.13	UG/L		97
8) CHLOROETHANE	1.570	64	28262	10.42	UG/L		100
9) FLUORODICHLOROMETHANE	1.693	67	64273	10.16	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.737	101	45886	9.53	UG/L		98
11) ETHANOL	1.860	45	5995	76.80	UG/L	#	85
12) DI ETHYL ETHER	1.935	59	29122	10.41	UG/L		95
13) ACROLEIN	2.024	56	86566	125.69	UG/L		98
14) ACETONE	2.139	43	119751	87.34	UG/L	#	88
15) 1,1-DICHLOROETHENE	2.097	61	47302	9.66	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	29744	10.46	UG/L		86
17) IODOMETHANE	2.214	142	468199	114.72	UG/L		97
20) METHYL ACETATE	2.401	43	56261	10.54	UG/L	#	93
21) T-BUTYL ALCOHOL	2.604	59	40640	75.13	UG/L	#	99
22) ACRYLONITRILE	2.702	53	16870	9.92	UG/L		99
23) METHYLENE CHLORIDE	2.476	49	47261	9.76	UG/L		89
24) CARBON DISULFIDE	2.267	76	1016157	107.92	UG/L		99
25) METHYL TERT-BUTYL ETHE...	2.738	73	106009	9.96	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.722	61	47017	10.11	UG/L		99
27) 1,1-DICHLOROETHANE	3.145	63	62346	10.51	UG/L		98
28) VINYL ACETATE	3.212	43	925356	93.63	UG/L		96
29) DI ISOPROYL ETHER	3.240	45	121529	10.36	UG/L		94
31) 2-BUTANONE	3.781	43	198192	99.92	UG/L		93
32) T-BUTYL ETHYL ETHER	3.614	59	107733	10.34	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.739	61	54465	10.54	UG/L		96
34) 2,2-DICHLOROPROPANE	3.737	77	45020	9.82	UG/L		94
35) ETHYL ACETATE	3.854	43	41736	8.52	UG/L	#	93
38) BROMOCHLOROMETHANE	3.974	49	32248	11.29	UG/L		94
39) TETRAHYDROFURAN	4.049	42	14232	10.08	UG/L		90
40) CHLOROFORM	4.068	83	59780	10.46	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.241	97	46845	9.84	UG/L		95
42) CYCLOHEXANE	4.294	56	57165	10.72	UG/L		90
43) CARBON TETRACHLORIDE	4.403	117	38649	9.72	UG/L		94
44) 1,1-DICHLOROPROPENE	4.411	75	45072	10.94	UG/L		95
45) BENZENE	4.612	78	148014	11.79	UG/L		97
47) T-AMYLMETHYL ETHER	4.760	73	104639	10.59	UG/L		97
50) 1,2-DICHLOROETHANE	4.637	62	46442	9.19	UG/L		98
51) TRICHLOROETHENE	5.254	95	33494	10.24	UG/L		93
52) METHYLCYCLOHEXANE	5.435	83	40982	10.49	UG/L		94
53) 1,2-DICHLOROPROPANE	5.474	63	37892	10.47	UG/L		99

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31804.D
Acq On : 14 Nov 2023 10:37 am
Operator :
Sample : 8260 STD 10PPB 23I0640 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

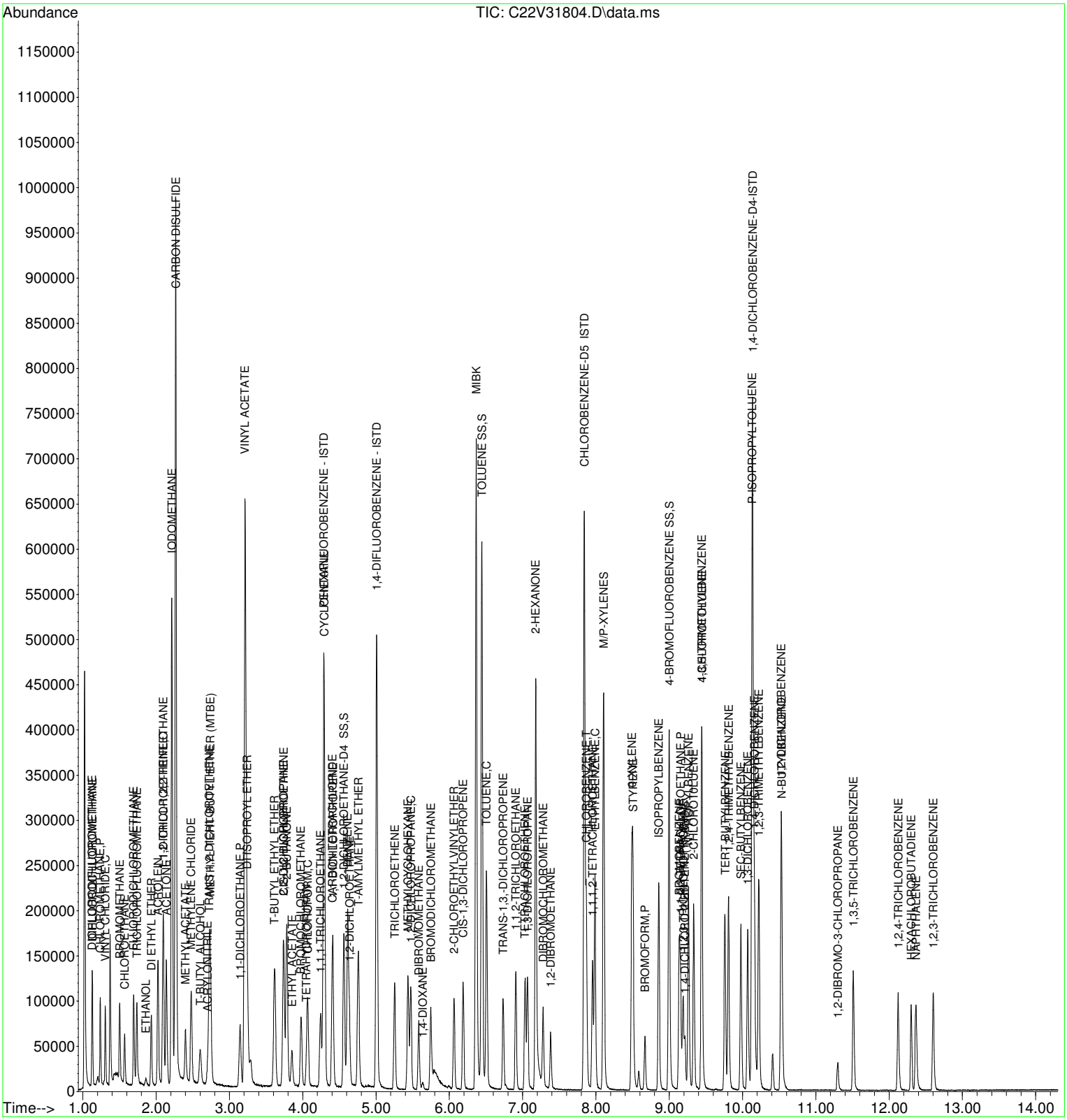
Quant Time: Nov 14 13:42:19 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	5.583	93	23273	9.86	UG/L		95
56) 1,4-DIOXANE	5.636	88	4493	80.38	UG/L	#	77
57) BROMODICHLOROMETHANE	5.747	83	44049	9.46	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	6.062	63	37091	19.25	UG/L		85
59) MIBK	6.366	43	412192	84.85	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	6.188	75	57849	10.34	UG/L		97
61) TOLUENE	6.506	91	146686	10.39	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	6.734	75	47440	9.84	UG/L		96
64) 1,1,2-TRICHLOROETHANE	6.904	97	33567	10.16	UG/L		92
65) 2-HEXANONE	7.178	43	274382	81.68	UG/L		93
66) TETRACHLOROETHENE	7.030	166	32866	9.91	UG/L		96
67) 1,3-DICHLOROPROPANE	7.066	76	60270	10.26	UG/L		99
68) DIBROMOCHLOROMETHANE	7.278	129	36107	9.09	UG/L		98
69) 1,2-DIBROMOETHANE	7.381	107	34841	9.85	UG/L		98
72) CHLOROBENZENE	7.869	112	95247	10.76	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.953	131	33421	10.19	UG/L		95
74) ETHYLBENZENE	7.986	91	147649	10.32	UG/L		97
75) M/P-XYLENES	8.106	91	230416	20.62	UG/L		99
76) 0-XYLENE	8.491	91	116794	9.93	UG/L		96
77) STYRENE	8.505	104	96790	10.24	UG/L		99
78) BROMOFORM	8.667	173	23774	8.09	UG/L		99
79) ISOPROPYLBENZENE	8.857	105	132129	9.83	UG/L		100
81) 1,1,2,2-TETRACHLOROETHANE	9.152	83	49053	9.52	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	9.211	53	9867	7.33	UG/L	#	87
83) BROMOBENZENE	9.135	77	60349	10.29	UG/L		93
84) 1,2,3-TRICHLOROPROPANE	9.191	75	45014m	10.65	UG/L		
85) N-PROPYLBENZENE	9.264	91	155334	10.33	UG/L		97
86) 2-CHLOROT0LUENE	9.333	91	100021	10.20	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	9.442	105	110441	10.02	UG/L		98
88) 4-CHLOROTOLUENE	9.445	91	112470	10.09	UG/L		99
90) TERT-BUTYLBENZENE	9.763	119	85074	9.67	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	9.810	105	108374	10.02	UG/L		100
92) SEC-BUTYLBENZENE	9.978	105	118955	10.14	UG/L		97
93) 1,3-DICHLOROBENZENE	10.070	146	70198	10.75	UG/L		98
94) P-ISOPROPYLTOLUENE	10.128	119	104953	10.41	UG/L		99
95) 1,4-DICHLOROBENZENE	10.162	146	71037	10.21	UG/L		96
96) 1,2,3-TRIMETHYLBENZENE	10.223	105	124181	10.36	UG/L	#	100
97) N-BUTYLBENZENE	10.535	91	93519	11.02	UG/L		95
98) 1,2-DICHLOROBENZENE	10.527	146	71192	10.71	UG/L		100
99) 1,2-DIBROMO-3-CHLOROPR...	11.299	75	7301	8.09	UG/L		90
100) 1,3,5-TRICHLOROBENZENE	11.511	180	42675	10.51	UG/L		98
101) 1,2,4-TRICHLOROBENZENE	12.122	180	34317	9.23	UG/L		99
102) HEXACHLOROBUTADIENE	12.300	225	17286	11.07	UG/L		97
103) NAPHTHALENE	12.367	128	85306	7.65	UG/L		98
104) 1,2,3-TRICHLOROBENZENE	12.602	180	34925	9.61	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31804.D
Acq On : 14 Nov 2023 10:37 am
Operator :
Sample : 8260 STD 10PPB 23I0640 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

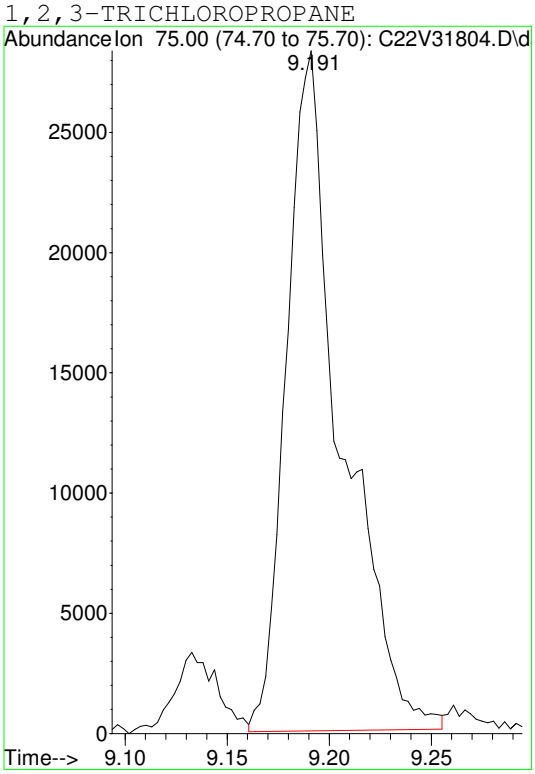
Quant Time: Nov 14 13:42:19 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31804.D
Acq On : 14 Nov 2023 10:37 am
Operator :
Sample : 8260 STD 10PPB 23I0640
Misc :

Quant Time : Tue Nov 14 13:42:19 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
1,2,3-TRICHLOROPROPANE



Original Int. Results

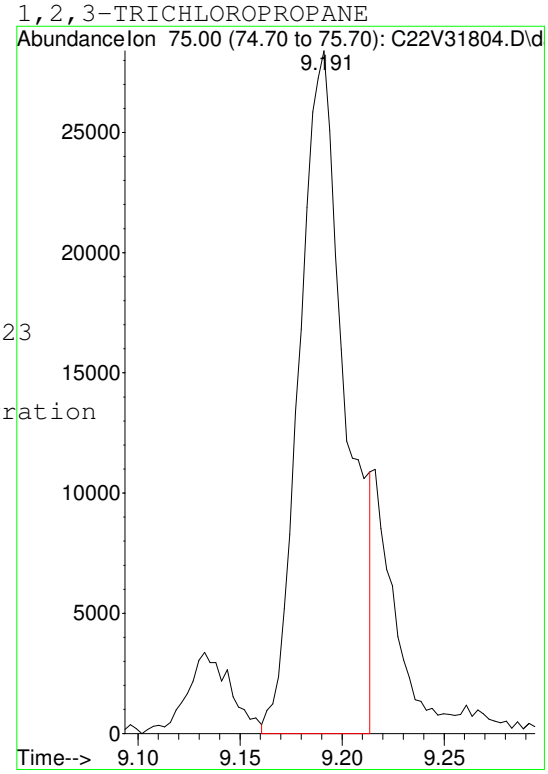
RT : 9.19
Area : 52612
Amount: 12.4506

Manual Int. Results

Tue Nov 14 13:42:19 2023

MIuser: MFF
Reason: Incorret Integration
RT : 9.19
Area : 45014
Amount: 10.6526

Manual Integration
1,2,3-TRICHLOROPROPANE



8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Sequence:	S096328	Instrument:	GCMSVOA2
		Calibration:	2301046

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S096328-CCV1)			*Lab File ID: B23V31702.D*			*Analyzed: 11/13/23 09:47*			
Pentafluorobenzene	151379	3.96				50 - 200		+/-0.50	
1,4-Difluorobenzene	246012	4.719				50 - 200		+/-0.50	
Chlorobenzene-d5	132365	7.781				50 - 200		+/-0.50	
1,4-Dichlorobenzene-d4	141534	10.29				50 - 200		+/-0.50	
LCS (B357872-BS1)			*Lab File ID: B23V31703.D*			*Analyzed: 11/13/23 10:13*			
Pentafluorobenzene	151725	3.963	151379	3.96	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	243732	4.719	246012	4.719	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	131274	7.781	132365	7.781	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	143983	10.291	141534	10.29	102	50 - 200	0.0010	+/-0.50	
LCS Dup (B357872-BSD1)			*Lab File ID: B23V31704.D*			*Analyzed: 11/13/23 10:39*			
Pentafluorobenzene	149522	3.963	151379	3.96	99	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	244235	4.719	246012	4.719	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	131906	7.781	132365	7.781	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	144740	10.293	141534	10.29	102	50 - 200	0.0030	+/-0.50	
Blank (B357872-BLK1)			*Lab File ID: B23V31706.D*			*Analyzed: 11/13/23 11:31*			
Pentafluorobenzene	150232	3.969	151379	3.96	99	50 - 200	0.0090	+/-0.50	
1,4-Difluorobenzene	247604	4.722	246012	4.719	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	133369	7.781	132365	7.781	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	142361	10.293	141534	10.29	101	50 - 200	0.0030	+/-0.50	
Trip Blank (23K1148-06)			*Lab File ID: B23V31707.D*			*Analyzed: 11/13/23 11:57*			
Pentafluorobenzene	150501	3.966	151379	3.96	99	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	249089	4.722	246012	4.719	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	134837	7.784	132365	7.781	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	141984	10.293	141534	10.29	100	50 - 200	0.0030	+/-0.50	
MW-27S (23K1148-03)			*Lab File ID: B23V31711.D*			*Analyzed: 11/13/23 13:42*			
Pentafluorobenzene	140299	3.969	151379	3.96	93	50 - 200	0.0090	+/-0.50	
1,4-Difluorobenzene	239190	4.724	246012	4.719	97	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	130059	7.786	132365	7.781	98	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	138320	10.296	141534	10.29	98	50 - 200	0.0060	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Sequence:	S096328	Instrument:	GCMSVOA2
		Calibration:	2301046

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-23D (23K1148-04)			*Lab File ID: B23V31712.D*			*Analyzed: 11/13/23 14:08*			
Pentafluorobenzene	141459	3.971	151379	3.96	93	50 - 200	0.0110	+/-0.50	
1,4-Difluorobenzene	239729	4.724	246012	4.719	97	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	130055	7.786	132365	7.781	98	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	139262	10.299	141534	10.29	98	50 - 200	0.0090	+/-0.50	
MW-25S (23K1148-01)			*Lab File ID: B23V31713.D*			*Analyzed: 11/13/23 14:34*			
Pentafluorobenzene	140184	3.971	151379	3.96	93	50 - 200	0.0110	+/-0.50	
1,4-Difluorobenzene	242534	4.727	246012	4.719	99	50 - 200	0.0080	+/-0.50	
Chlorobenzene-d5	132517	7.786	132365	7.781	100	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	139410	10.299	141534	10.29	98	50 - 200	0.0090	+/-0.50	
MW-26S (23K1148-02)			*Lab File ID: B23V31714.D*			*Analyzed: 11/13/23 15:00*			
Pentafluorobenzene	142293	3.971	151379	3.96	94	50 - 200	0.0110	+/-0.50	
1,4-Difluorobenzene	240989	4.724	246012	4.719	98	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	132079	7.789	132365	7.781	100	50 - 200	0.0080	+/-0.50	
1,4-Dichlorobenzene-d4	140434	10.299	141534	10.29	99	50 - 200	0.0090	+/-0.50	
DUP (23K1148-05)			*Lab File ID: B23V31715.D*			*Analyzed: 11/13/23 15:26*			
Pentafluorobenzene	141706	3.971	151379	3.96	94	50 - 200	0.0110	+/-0.50	
1,4-Difluorobenzene	239392	4.727	246012	4.719	97	50 - 200	0.0080	+/-0.50	
Chlorobenzene-d5	132626	7.786	132365	7.781	100	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	140353	10.296	141534	10.29	99	50 - 200	0.0060	+/-0.50	
Matrix Spike (B357872-MS1)			*Lab File ID: B23V31725.D*			*Analyzed: 11/13/23 19:46*			
Pentafluorobenzene	142191	3.971	151379	3.96	94	50 - 200	0.0110	+/-0.50	
1,4-Difluorobenzene	240917	4.727	246012	4.719	98	50 - 200	0.0080	+/-0.50	
Chlorobenzene-d5	133545	7.786	132365	7.781	101	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	146764	10.299	141534	10.29	104	50 - 200	0.0090	+/-0.50	
Matrix Spike Dup (B357872-MSD1)			*Lab File ID: B23V31726.D*			*Analyzed: 11/13/23 20:12*			
Pentafluorobenzene	143370	3.974	151379	3.96	95	50 - 200	0.0140	+/-0.50	
1,4-Difluorobenzene	241633	4.727	246012	4.719	98	50 - 200	0.0080	+/-0.50	
Chlorobenzene-d5	132615	7.789	132365	7.781	100	50 - 200	0.0080	+/-0.50	
1,4-Dichlorobenzene-d4	145518	10.299	141534	10.29	103	50 - 200	0.0090	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260D

Laboratory:	Pace New England	Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY	Project:	275 Franklin St, Buffalo, NY - CO 144192
Sequence:	S096354	Instrument:	GCMSVOA3
		Calibration:	2200537

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S096354-CCV1)			*Lab File ID: C22V31804.D*			*Analyzed: 11/14/23 10:37*			
Pentafluorobenzene	225899	4.289				50 - 200		+/-0.50	
1,4-Difluorobenzene	354398	5.008				50 - 200		+/-0.50	
Chlorobenzene-d5	168424	7.841				50 - 200		+/-0.50	
1,4-Dichlorobenzene-d4	164244	10.137				50 - 200		+/-0.50	
LCS (B357980-BS1)			*Lab File ID: C22V31805.D*			*Analyzed: 11/14/23 11:04*			
Pentafluorobenzene	213875	4.289	225899	4.289	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	333535	5.008	354398	5.008	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	167370	7.839	168424	7.841	99	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	160932	10.136	164244	10.137	98	50 - 200	-0.0010	+/-0.50	
LCS Dup (B357980-BSD1)			*Lab File ID: C22V31806.D*			*Analyzed: 11/14/23 11:30*			
Pentafluorobenzene	216711	4.289	225899	4.289	96	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	330189	5.008	354398	5.008	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	163844	7.839	168424	7.841	97	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	155892	10.139	164244	10.137	95	50 - 200	0.0020	+/-0.50	
Blank (B357980-BLK1)			*Lab File ID: C22V31809.D*			*Analyzed: 11/14/23 12:51*			
Pentafluorobenzene	215780	4.291	225899	4.289	96	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	340832	5.008	354398	5.008	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	159584	7.841	168424	7.841	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	141263	10.142	164244	10.137	86	50 - 200	0.0050	+/-0.50	
MW-25S (23K1148-01RE1)			*Lab File ID: C22V31826.D*			*Analyzed: 11/14/23 20:25*			
Pentafluorobenzene	174761	4.289	225899	4.289	77	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	279951	5.008	354398	5.008	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	138121	7.839	168424	7.841	82	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	116732	10.139	164244	10.137	71	50 - 200	0.0020	+/-0.50	

QC DATA

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BLK1	File ID:	B23V31706.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 11:31
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BLK1	File ID:	B23V31706.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 11:31
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
108383/106423	m+p Xylene		0.49	2.0	
95-47-6	o-Xylene		0.24	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31706.D
Acq On : 13 Nov 2023 11:31 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA2
Misc :
ALS Vial : 6 Sample Multiplier: 1

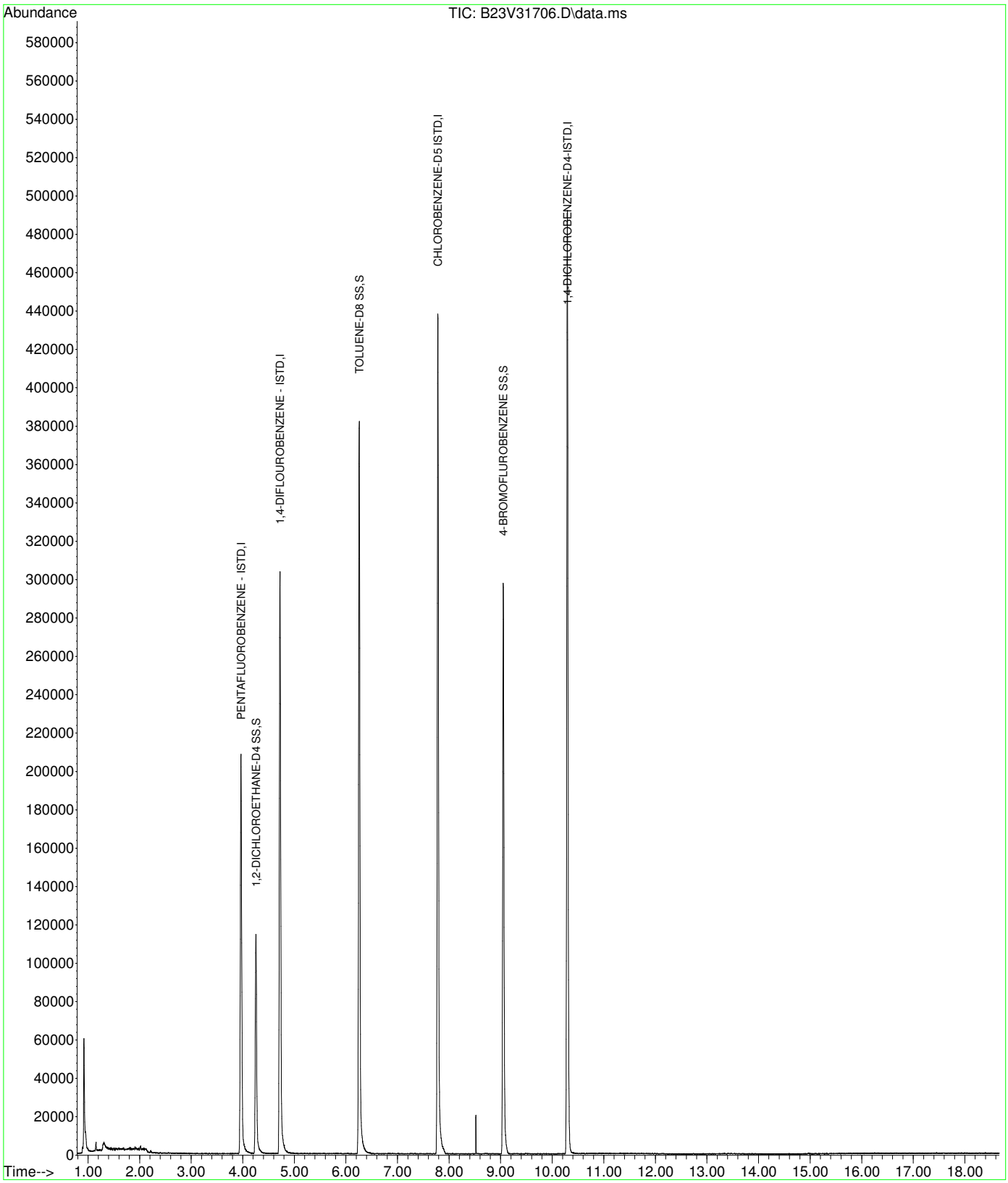
Quant Time: Nov 14 11:01:17 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.969	168	150232	30.00	UG/L	0.00
44) 1,4-DIFLOUROBENZENE - ...	4.722	114	247604	30.00	UG/L	-0.01
65) CHLOROBENZENE-D5 ISTD	7.781	82	133369	30.00	UG/L	-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.293	152	142361	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.256	65	81067	25.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.76%			
45) TOLUENE-D8 SS	6.258	98	257482	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
66) 4-BROMOFLUROBENZENE SS	9.050	95	103029	24.32	UG/L	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31706.D
Acq On : 13 Nov 2023 11:31 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA2
Misc :
ALS Vial : 6 Sample Multiplier: 1

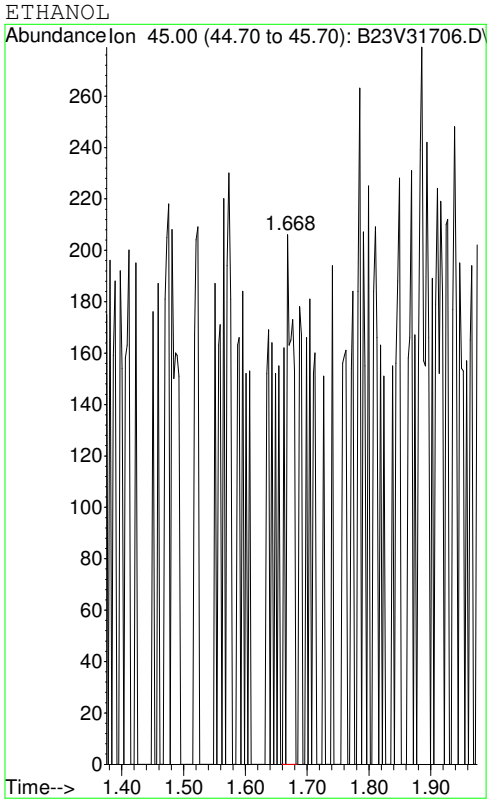
Quant Time: Nov 14 11:01:17 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31706.D
Acq On : 13 Nov 2023 11:31 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 12:44:28 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHANOL



Original Int. Results

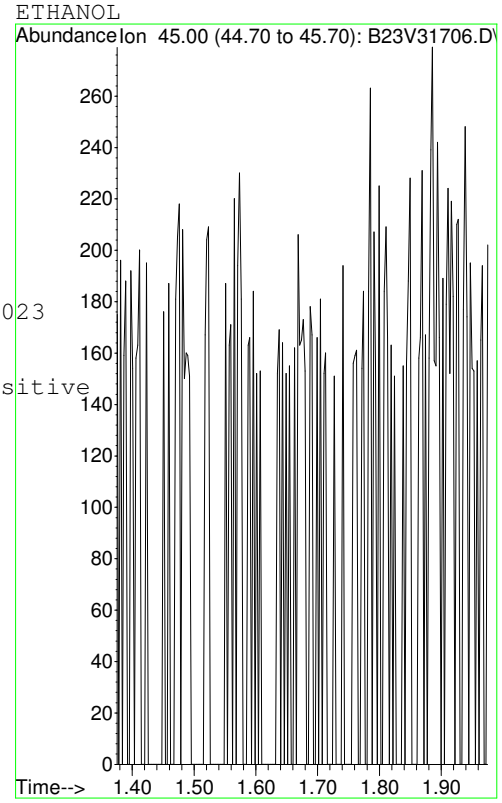
RT : 1.67
Area : 171
Amount: 3.62753

Manual Int. Results

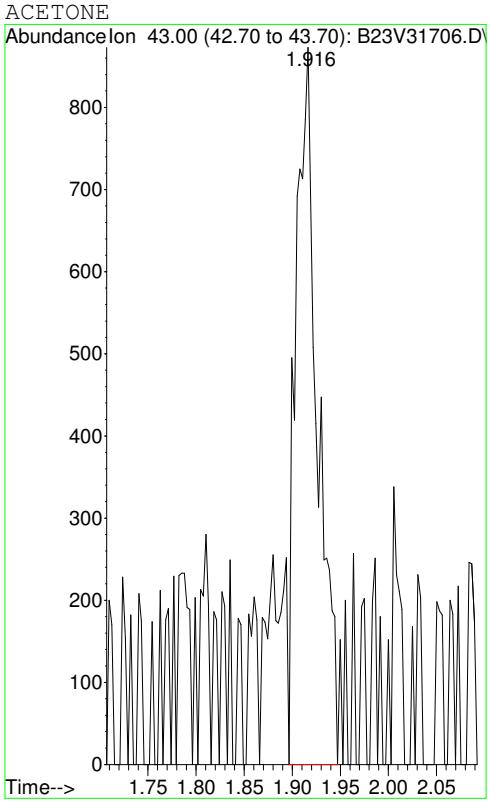
Tue Nov 14 12:44:28 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ETHANOL



Original Integration
ACETONE



Original Int. Results

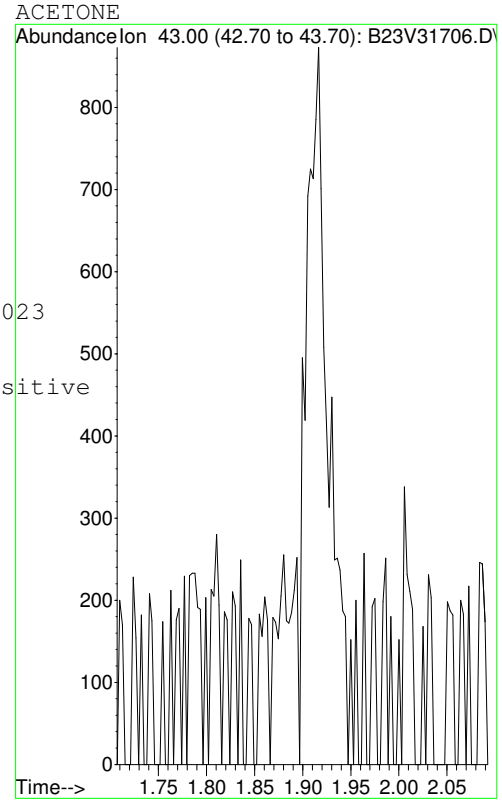
RT : 1.92
Area : 1370
Amount: 1.4499

Manual Int. Results

Tue Nov 14 12:44:27 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

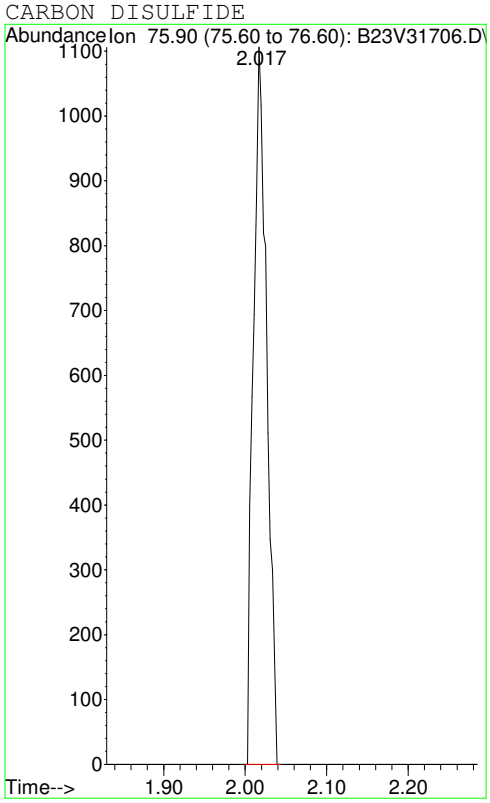
Manual Integration
ACETONE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31706.D
Acq On : 13 Nov 2023 11:31 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 12:44:28 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
CARBON DISULFIDE



Original Int. Results

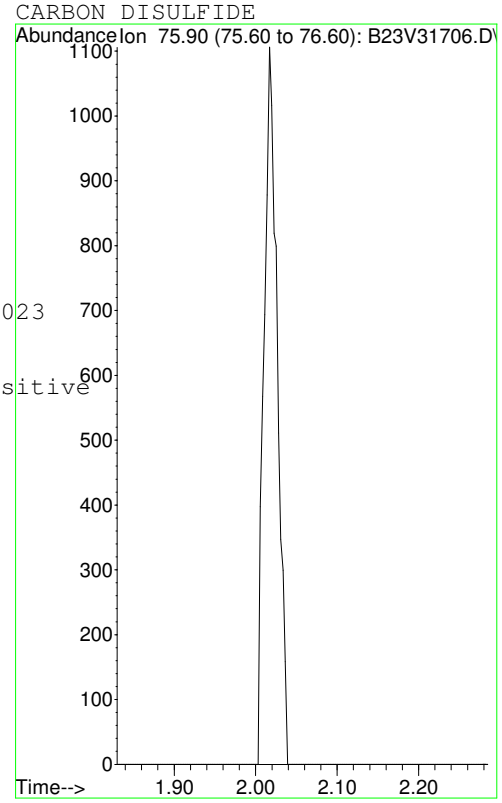
RT : 2.02
Area : 1270
Amount: 0.224794

Manual Int. Results

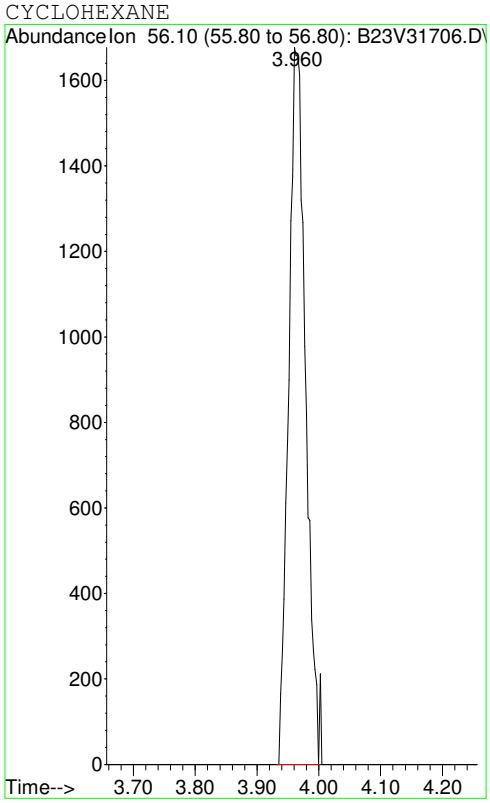
Tue Nov 14 12:44:27 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
CYCLOHEXANE



Original Int. Results

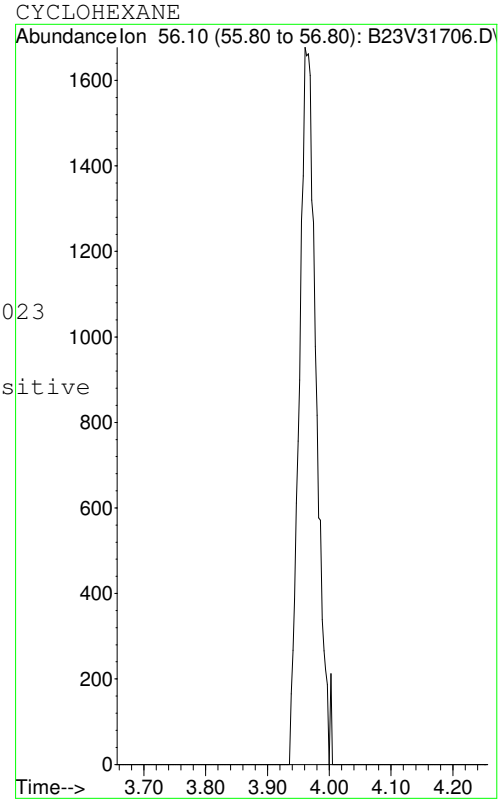
RT : 3.96
Area : 3159
Amount: 0.547728

Manual Int. Results

Tue Nov 14 12:44:26 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

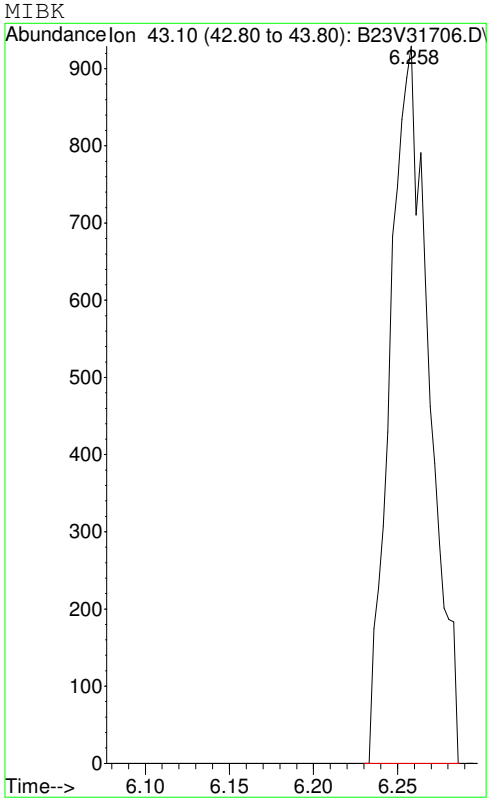
Manual Integration
CYCLOHEXANE



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31706.D
Acq On : 13 Nov 2023 11:31 am
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 12:44:28 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
MIBK



Original Int. Results

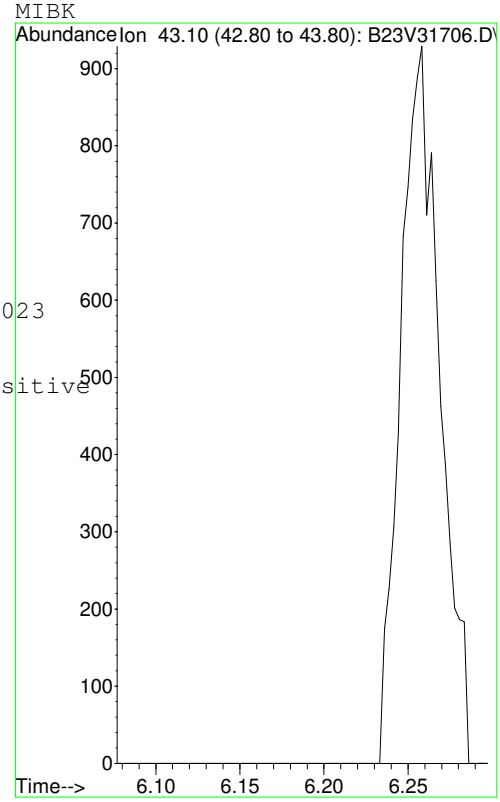
RT : 6.26
Area : 1513
Amount: 0.473107

Manual Int. Results

Tue Nov 14 12:44:25 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
MIBK



1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BS1	File ID:	B23V31703.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 10:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	108	2.0	50	
71-43-2	Benzene	9.77	0.18	1.0	
74-97-5	Bromochloromethane	10.3	0.28	1.0	
75-27-4	Bromodichloromethane	11.1	0.16	0.50	
75-25-2	Bromoform	10.9	0.41	1.0	
74-83-9	Bromomethane	8.40	1.3	2.0	
78-93-3	2-Butanone (MEK)	98.8	1.7	20	
75-15-0	Carbon Disulfide	112	1.6	5.0	
56-23-5	Carbon Tetrachloride	9.83	0.16	5.0	
108-90-7	Chlorobenzene	10.2	0.12	1.0	
124-48-1	Chlorodibromomethane	11.1	0.20	0.50	
75-00-3	Chloroethane	11.0	0.34	2.0	
67-66-3	Chloroform	10.6	0.14	2.0	
74-87-3	Chloromethane	8.67	0.50	2.0	
110-82-7	Cyclohexane	9.03	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.6	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.4	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	10.1	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	9.82	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	9.88	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	11.1	0.16	2.0	
75-34-3	1,1-Dichloroethane	10.0	0.14	1.0	
107-06-2	1,2-Dichloroethane	12.2	0.30	1.0	
75-35-4	1,1-Dichloroethylene	11.1	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.17	1.0	
78-87-5	1,2-Dichloropropane	10.2	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	10.6	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.9	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BS1	File ID:	B23V31703.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 10:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	102	18	50	
100-41-4	Ethylbenzene	10.0	0.22	1.0	
591-78-6	2-Hexanone (MBK)	104	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	9.64	0.15	1.0	
79-20-9	Methyl Acetate	9.47	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.4	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.3	0.16	1.0	
75-09-2	Methylene Chloride	8.98	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	105	1.3	10	
100-42-5	Styrene	10.1	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.14	0.50	
127-18-4	Tetrachloroethylene	10.8	0.17	1.0	
108-88-3	Toluene	10.1	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.5	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.3	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	10.8	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	11.0	0.19	1.0	
79-01-6	Trichloroethylene	10.8	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.4	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.6	0.21	1.0	
75-01-4	Vinyl Chloride	10.8	0.24	2.0	
108383/106423	m+p Xylene	19.7	0.49	2.0	
95-47-6	o-Xylene	9.83	0.24	1.0	
1330-20-7	Xylenes (total)	29.6	1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31703.D
Acq On : 13 Nov 2023 10:13 am
Operator :
Sample : B0-BS1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 14 12:39:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.963	168	151725	30.00	UG/L		-0.01
44) 1,4-DIFLOUROBENZENE - ...	4.719	114	243732	30.00	UG/L		-0.01
65) CHLOROBENZENE-D5 ISTD	7.781	82	131274	30.00	UG/L		-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.291	152	143983	30.00	UG/L		-0.01
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.250	65	76790	24.33	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
45) TOLUENE-D8 SS	6.255	98	256562	25.03	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
66) 4-BROMOFLUROBENZENE SS	9.050	95	102350	24.54	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.010	85	28447	11.08	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.018	51	40980	10.44	UG/L		95
5) CHLOROMETHANE	1.116	50	40431	8.67	UG/L		100
6) VINYL CHLORIDE	1.166	62	35299	10.83	UG/L		98
7) BROMOMETHANE	1.336	94	12407	8.40	UG/L		98
8) CHLOROETHANE	1.398	64	19936	11.04	UG/L		96
9) FLUORODICHLOROMETHANE	1.512	67	45812	11.11	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.543	101	36961	11.37	UG/L		99
11) ETHANOL	1.668	45	4767	100.13	UG/L	#	95
12) DI ETHYL ETHER	1.718	59	19237	10.59	UG/L		91
13) ACROLEIN	1.808	56	76970	130.59	UG/L	#	91
14) ACETONE	1.911	43	102586	107.50	UG/L		99
15) 1,1-DICHLOROETHENE	1.863	61	40314	11.10	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.858	101	22668	11.56	UG/L		99
17) IODOMETHANE	1.972	142	292650	93.95	UG/L		98
18) METHYL ACETATE	2.137	43	26248	9.47	UG/L		98
19) T-BUTYL ALCOHOL	2.315	59	33285	104.78	UG/L		100
20) ACRYLONITRILE	2.424	53	12059	9.93	UG/L		97
21) METHYLENE CHLORIDE	2.212	49	37661	8.98	UG/L		94
22) CARBON DISULFIDE	2.014	76	636170	111.50	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.424	73	65344	10.42	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.421	61	37146	10.11	UG/L		98
25) 1,1-DICHLOROETHANE	2.798	63	46504	10.04	UG/L		99
26) VINYL ACETATE	2.859	43	738436	98.83	UG/L		98
27) DI ISOPROPYL ETHER	2.864	45	95142	9.20	UG/L		97
28) 2-BUTANONE	3.433	43	147598	98.81	UG/L		97
29) T-BUTYL ETHYL ETHER	3.241	59	79566	9.75	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.397	61	41824	10.02	UG/L		99
31) 2,2-DICHLOROPROPANE	3.383	77	40259	11.52	UG/L		98
32) ETHYL ACETATE	3.500	43	39611m	10.01	UG/L		
33) BROMOCHLOROMETHANE	3.645	128	12379	10.31	UG/L		92
34) TETRAHYDROFURAN	3.695	42	10636	9.22	UG/L		97
36) CHLOROFORM	3.735	83	42739	10.64	UG/L		97
37) 1,1,1-TRICHLOROETHANE	3.902	97	39929	10.79	UG/L		97
38) CYCLOHEXANE	3.941	56	52577	9.03	UG/L		96
39) CARBON TETRACHLORIDE	4.064	117	34996	9.83	UG/L		100
40) 1,1-DICHLOROPROPENE	4.078	75	32883	9.64	UG/L		97
41) BENZENE	4.292	78	92554	9.77	UG/L		96
43) T-AMYLMETHYL ETHER	4.426	73	66024	9.76	UG/L		99
46) 1,2-DICHLOROETHANE	4.334	62	36536	12.18	UG/L		95
47) TRICHLOROETHENE	4.973	95	25412	10.83	UG/L		97
48) METHYLCYCLOHEXANE	5.148	83	40649	10.33	UG/L		96
49) 1,2-DICHLOROPROPANE	5.213	63	25708	10.23	UG/L		97
50) DIBROMOMETHANE	5.341	93	15109	11.35	UG/L		99
51) 1,4-DIOXANE	5.380	88	3172	101.83	UG/L		95
52) BROMODICHLOROMETHANE	5.519	83	32750	11.10	UG/L		99
53) 2-CHLOROETHYLVINYLETHER	5.859	63	146880	86.05	UG/L		96
54) MIBK	6.175	43	330628	105.03	UG/L		98

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31703.D
Acq On : 13 Nov 2023 10:13 am
Operator :
Sample : B0-BS1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 3 Sample Multiplier: 1

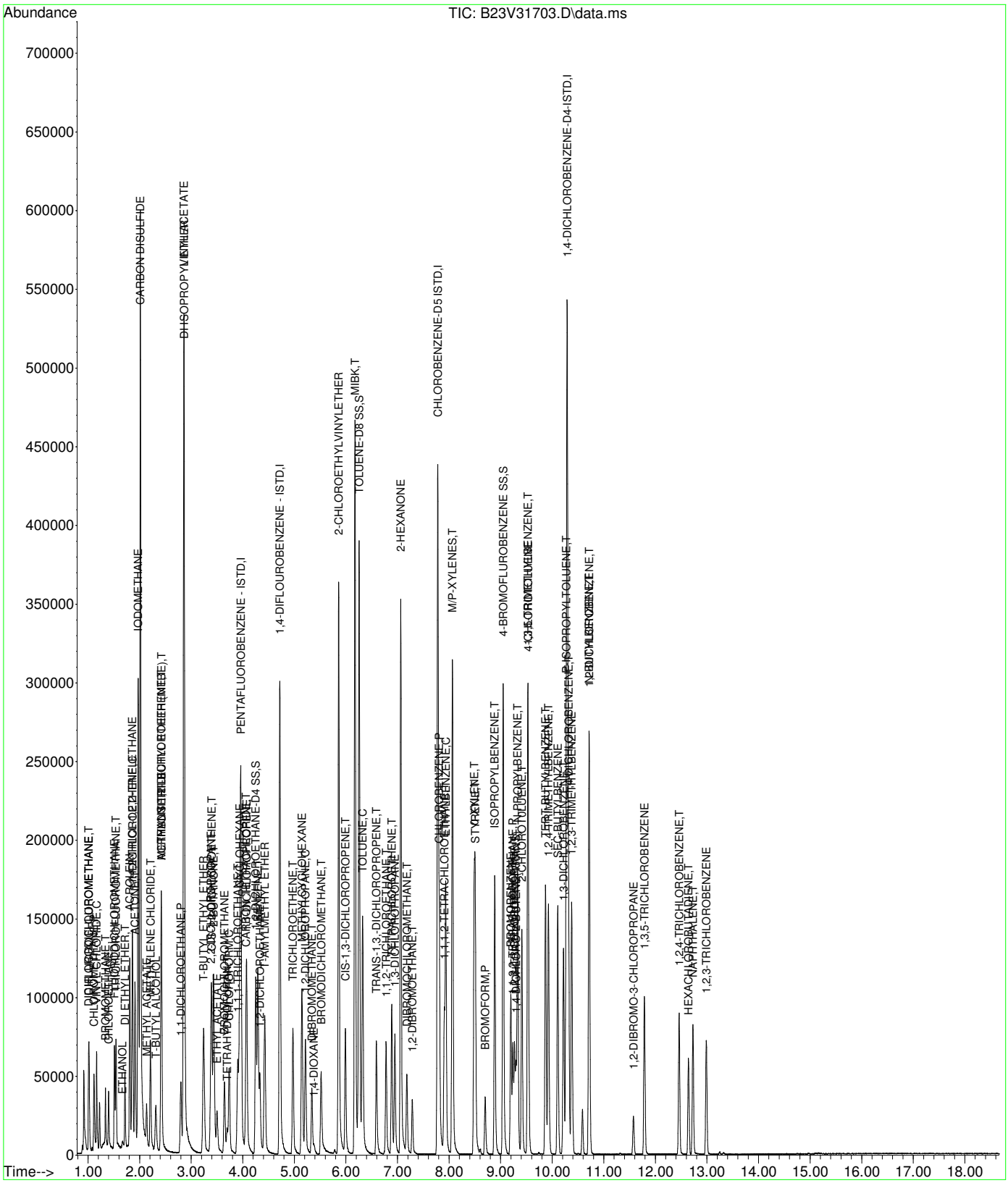
Quant Time: Nov 14 12:39:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	5.991	75	40072	10.55	UG/L		94
56) TOLUENE	6.325	91	105464	10.14	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.590	75	35480	10.86	UG/L		96
59) 1,1,2-TRICHLOROETHANE	6.780	97	21839	11.02	UG/L		97
60) 2-HEXANONE	7.061	43	247046	104.47	UG/L		98
61) TETRACHLOROETHENE	6.888	164	22757	10.79	UG/L		97
62) 1,3-DICHLOROPROPANE	6.950	76	39134	10.84	UG/L		98
63) DIBROMOCHLOROMETHANE	7.181	129	28251	11.08	UG/L		99
64) 1,2-DIBROMOETHANE	7.287	107	25124	11.39	UG/L	#	99
67) CHLOROBENZENE	7.809	112	72478	10.23	UG/L		98
68) 1,1,1,2-TETRACHLOROETHANE	7.909	131	26190	10.63	UG/L		96
69) ETHYLBENZENE	7.937	91	121034	10.05	UG/L		100
70) M/P-XYLENES	8.065	91	186735	19.72	UG/L		99
71) 0-XYLENE	8.486	91	94906	9.83	UG/L		100
72) STYRENE	8.509	104	79637	10.12	UG/L		98
73) BROMOFORM	8.698	173	18759	10.87	UG/L	#	97
74) ISOPROPYLBENZENE	8.885	105	122807	9.64	UG/L		100
76) 1,1,2,2-TETRACHLOROETHANE	9.236	83	33812	11.81	UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.298	53	12570	10.59	UG/L		98
78) BROMOBENZENE	9.197	77	45216	10.15	UG/L		100
79) 1,2,3-TRICHLOROPROPANE	9.270	110	10703	11.40	UG/L		95
80) N-PROPYLBENZENE	9.329	91	144617	9.74	UG/L		99
81) 2-CHLOROT0LUENE	9.412	91	82235	9.65	UG/L		100
82) 1,3,5-TRIMETHYLBENZENE	9.527	105	101941	9.71	UG/L		100
83) 4-CHLOROTOLUENE	9.532	91	97788	9.86	UG/L		100
85) TERT-BUTYLBENZENE	9.870	119	89431	9.48	UG/L		99
86) 1,2,4-TRIMETHYLBENZENE	9.928	105	99592	9.48	UG/L		98
87) SEC-BUTYLBENZENE	10.107	105	120640	9.21	UG/L		99
88) 1,3-DICHLOROBENZENE	10.218	146	58178	9.82	UG/L		100
89) P-ISOPROPYLTOLUENE	10.271	119	111327	9.36	UG/L		99
90) 1,4-DICHLOROBENZENE	10.316	146	61394	9.88	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.377	105	103080	9.41	UG/L		99
92) N-BUTYLBENZENE	10.714	91	91069	9.17	UG/L		98
93) 1,2-DICHLOROBENZENE	10.717	146	55706	10.13	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.573	75	6312	11.63	UG/L		95
95) 1,3,5-TRICHLOROBENZENE	11.788	180	37179	9.79	UG/L		98
96) 1,2,4-TRICHLOROBENZENE	12.460	180	32517	10.31	UG/L		98
97) HEXACHLOROBUTADIENE	12.639	225	13621	9.34	UG/L		99
98) NAPHTHALENE	12.728	128	75027	9.76	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.987	180	26640	10.52	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31703.D
Acq On : 13 Nov 2023 10:13 am
Operator :
Sample : B0-BS1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 3 Sample Multiplier: 1

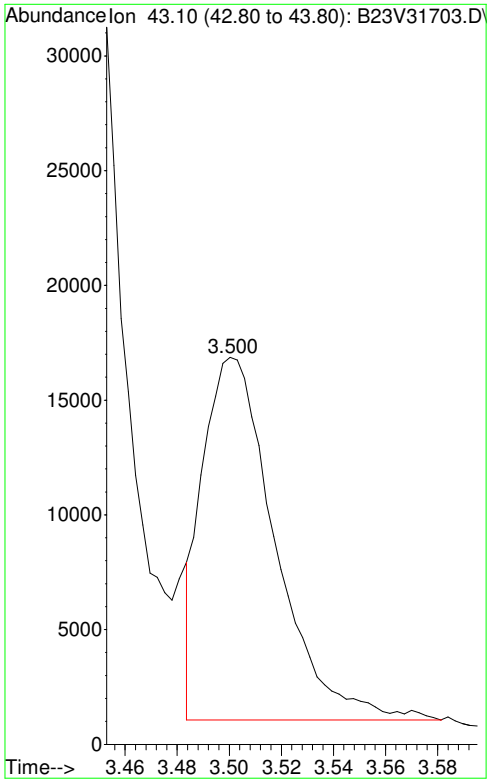
Quant Time: Nov 14 12:39:42 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31703.D
Acq On : 13 Nov 2023 10:13 am
Operator :
Sample : B0-BS1 @ (RCP)
Misc :

Quant Time : Tue Nov 14 13:59:36 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

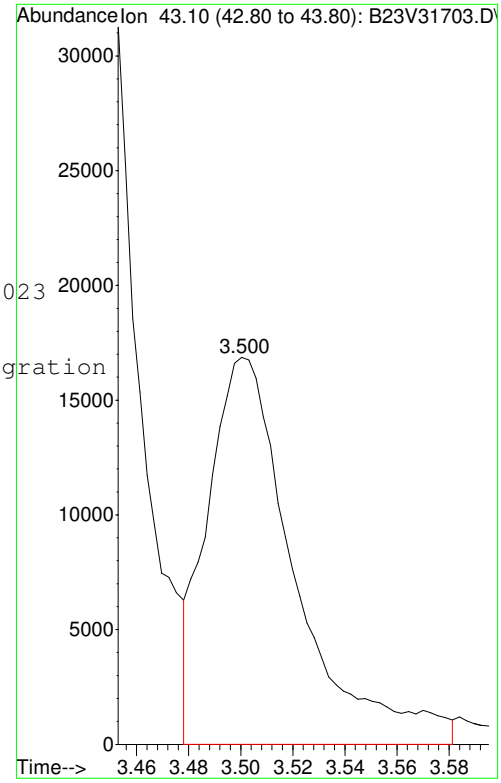
RT : 3.50
Area : 30921
Amount: 7.81206

Manual Int. Results

Tue Nov 14 13:59:36 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.50
Area : 39611
Amount: 10.0076

Manual Integration
ETHYL ACETATE



1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BSD1	File ID:	B23V31704.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 10:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	104	2.0	50	
71-43-2	Benzene	9.56	0.18	1.0	
74-97-5	Bromochloromethane	10.2	0.28	1.0	
75-27-4	Bromodichloromethane	10.8	0.16	0.50	
75-25-2	Bromoform	10.8	0.41	1.0	
74-83-9	Bromomethane	8.19	1.3	2.0	
78-93-3	2-Butanone (MEK)	97.9	1.7	20	
75-15-0	Carbon Disulfide	108	1.6	5.0	
56-23-5	Carbon Tetrachloride	9.87	0.16	5.0	
108-90-7	Chlorobenzene	9.94	0.12	1.0	
124-48-1	Chlorodibromomethane	11.1	0.20	0.50	
75-00-3	Chloroethane	11.0	0.34	2.0	
67-66-3	Chloroform	10.6	0.14	2.0	
74-87-3	Chloromethane	8.64	0.50	2.0	
110-82-7	Cyclohexane	8.76	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.3	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.4	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	10.1	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	9.61	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	9.59	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	10.7	0.16	2.0	
75-34-3	1,1-Dichloroethane	9.69	0.14	1.0	
107-06-2	1,2-Dichloroethane	11.1	0.30	1.0	
75-35-4	1,1-Dichloroethylene	10.7	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.78	0.17	1.0	
78-87-5	1,2-Dichloropropane	10.0	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	10.3	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.6	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-BSD1	File ID:	B23V31704.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 10:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	104	18	50	
100-41-4	Ethylbenzene	9.81	0.22	1.0	
591-78-6	2-Hexanone (MBK)	103	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	9.47	0.15	1.0	
79-20-9	Methyl Acetate	10.0	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.3	0.17	1.0	
108-87-2	Methyl Cyclohexane	9.56	0.16	1.0	
75-09-2	Methylene Chloride	8.93	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	103	1.3	10	
100-42-5	Styrene	9.93	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.6	0.14	0.50	
127-18-4	Tetrachloroethylene	10.6	0.17	1.0	
108-88-3	Toluene	9.84	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.2	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.77	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	10.8	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.19	1.0	
79-01-6	Trichloroethylene	10.5	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.5	0.21	1.0	
75-01-4	Vinyl Chloride	10.6	0.24	2.0	
108383/106423	m+p Xylene	19.3	0.49	2.0	
95-47-6	o-Xylene	9.66	0.24	1.0	
1330-20-7	Xylenes (total)	29.0	1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31704.D
Acq On : 13 Nov 2023 10:39 am
Operator :
Sample : B0-BSD1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 11:01:13 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.963	168	149522	30.00	UG/L		-0.01
44) 1,4-DIFLOUROBENZENE - ...	4.719	114	244235	30.00	UG/L		-0.01
65) CHLOROBENZENE-D5 ISTD	7.781	82	131906	30.00	UG/L		-0.01
84) 1,4-DICHLOROBENZENE-D4...	10.293	152	144740	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.250	65	81074	26.07	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%				
45) TOLUENE-D8 SS	6.255	98	257335	25.05	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
66) 4-BROMOFLUROBENZENE SS	9.049	95	102940	24.57	UG/L		-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.010	85	27187	10.74	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.018	51	38934	10.07	UG/L		96
5) CHLOROMETHANE	1.113	50	39700	8.64	UG/L		99
6) VINYL CHLORIDE	1.169	62	33902	10.56	UG/L		96
7) BROMOMETHANE	1.339	94	11916	8.19	UG/L		90
8) CHLOROETHANE	1.397	64	19653	11.04	UG/L		99
9) FLUORODICHLOROMETHANE	1.512	67	43600	10.73	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.542	101	34019	10.62	UG/L		89
11) ETHANOL	1.673	45	4697	100.11	UG/L	#	95
12) DI ETHYL ETHER	1.715	59	18739	10.46	UG/L		93
13) ACROLEIN	1.810	56	75641	130.23	UG/L	#	88
14) ACETONE	1.911	43	97644	103.83	UG/L		98
15) 1,1-DICHLOROETHENE	1.863	61	38256	10.69	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.858	101	22172	11.47	UG/L		98
17) IODOMETHANE	1.972	142	293210	95.52	UG/L		97
18) METHYL ACETATE	2.136	43	27317	10.00	UG/L		98
19) T-BUTYL ALCOHOL	2.315	59	32582	104.07	UG/L		99
20) ACRYLONITRILE	2.424	53	11895	9.93	UG/L		99
21) METHYLENE CHLORIDE	2.209	49	36887	8.93	UG/L		94
22) CARBON DISULFIDE	2.014	76	608375	108.20	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.424	73	63809	10.32	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.421	61	35409	9.78	UG/L		97
25) 1,1-DICHLOROETHANE	2.800	63	44240	9.69	UG/L		99
26) VINYL ACETATE	2.859	43	723238	98.22	UG/L		99
27) DI ISOPROPYL ETHER	2.861	45	91962	9.03	UG/L		96
28) 2-BUTANONE	3.436	43	144079	97.88	UG/L		97
29) T-BUTYL ETHYL ETHER	3.241	59	78190	9.73	UG/L		97
30) CIS-1,2-DICHLOROETHENE	3.394	61	41174	10.01	UG/L		97
31) 2,2-DICHLOROPROPANE	3.386	77	37760	10.96	UG/L		98
32) ETHYL ACETATE	3.497	43	40386m	10.35	UG/L		
33) BROMOCHLOROMETHANE	3.648	128	12050	10.18	UG/L		92
34) TETRAHYDROFURAN	3.695	42	10535	9.26	UG/L		95
36) CHLOROFORM	3.737	83	41800	10.56	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.902	97	39276	10.77	UG/L		98
38) CYCLOHEXANE	3.943	56	50293	8.76	UG/L		96
39) CARBON TETRACHLORIDE	4.066	117	34636	9.87	UG/L		99
40) 1,1-DICHLOROPROPENE	4.077	75	32852	9.77	UG/L		99
41) BENZENE	4.292	78	89187	9.56	UG/L		98
43) T-AMYLMETHYL ETHER	4.426	73	66874	10.03	UG/L		97
46) 1,2-DICHLOROETHANE	4.331	62	33485	11.14	UG/L		92
47) TRICHLOROETHENE	4.972	95	24650	10.49	UG/L		96
48) METHYLCYCLOHEXANE	5.151	83	37723	9.56	UG/L		99
49) 1,2-DICHLOROPROPANE	5.215	63	25300	10.05	UG/L		94
50) DIBROMOMETHANE	5.341	93	15579	11.68	UG/L		97
51) 1,4-DIOXANE	5.385	88	3245	103.96	UG/L	#	88
52) BROMODICHLOROMETHANE	5.519	83	31919	10.79	UG/L		99
53) 2-CHLOROETHYLVINYLETHER	5.859	63	144541	84.51	UG/L		95
54) MIBK	6.177	43	325004	103.03	UG/L		97

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31704.D
Acq On : 13 Nov 2023 10:39 am
Operator :
Sample : B0-BSD1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 4 Sample Multiplier: 1

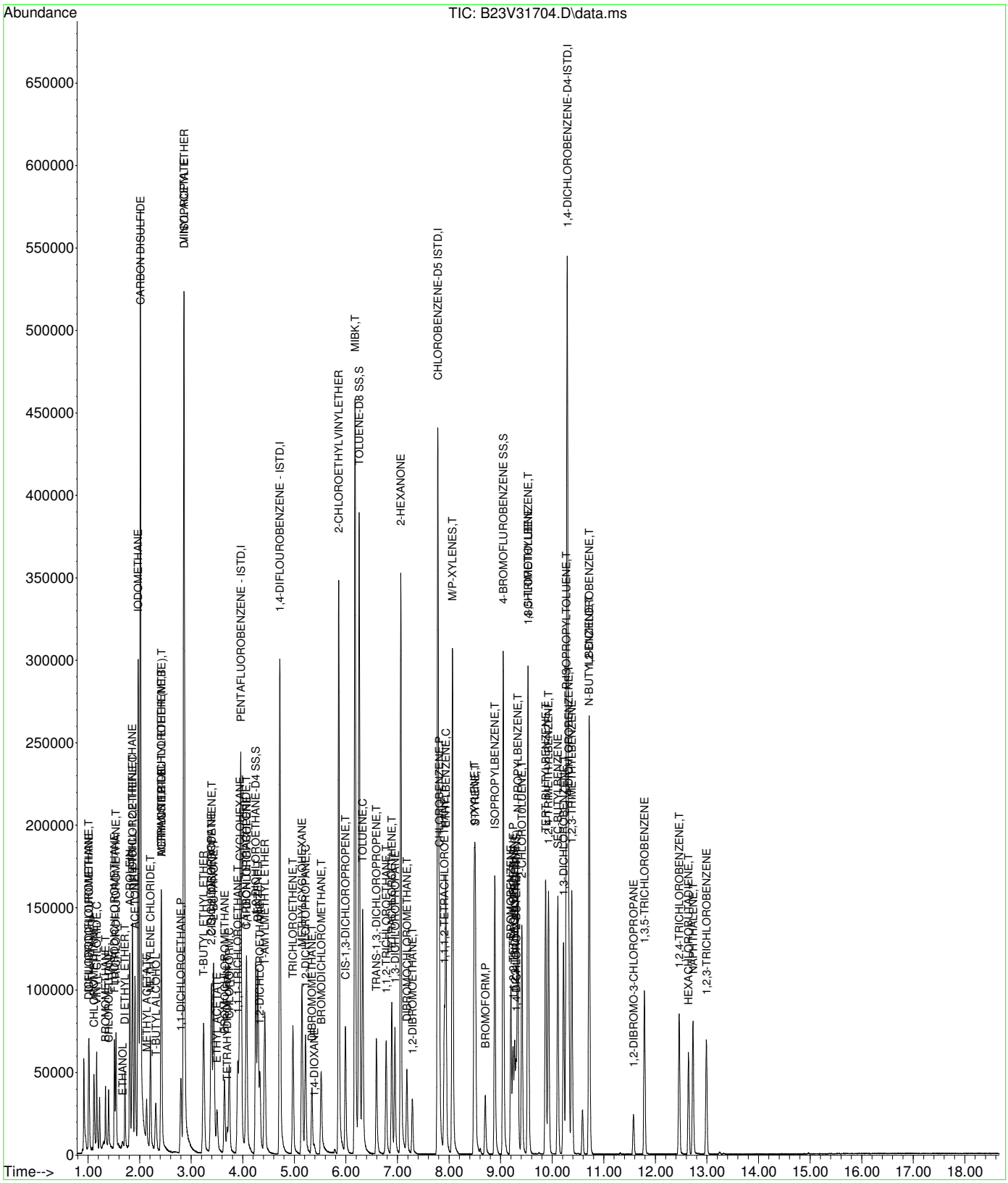
Quant Time: Nov 14 11:01:13 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) CIS-1,3-DICHLOROPROPENE	5.990	75	39190	10.30	UG/L		94
56) TOLUENE	6.325	91	102645	9.84	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.590	75	34875	10.65	UG/L		95
59) 1,1,2-TRICHLOROETHANE	6.779	97	22173	11.16	UG/L		99
60) 2-HEXANONE	7.064	43	243939	102.94	UG/L		98
61) TETRACHLOROETHENE	6.891	164	22305	10.55	UG/L		99
62) 1,3-DICHLOROPROPANE	6.952	76	39232	10.84	UG/L		97
63) DIBROMOCHLOROMETHANE	7.181	129	28252	11.06	UG/L		100
64) 1,2-DIBROMOETHANE	7.293	107	25175	11.39	UG/L	#	99
67) CHLOROBENZENE	7.811	112	70725	9.94	UG/L		98
68) 1,1,1,2-TETRACHLOROETHANE	7.906	131	25986	10.50	UG/L		98
69) ETHYLBENZENE	7.937	91	118660	9.81	UG/L		99
70) M/P-XYLENES	8.065	91	183749	19.31	UG/L		98
71) 0-XYLENE	8.486	91	93775	9.66	UG/L		100
72) STYRENE	8.508	104	78544	9.93	UG/L		98
73) BROMOFORM	8.701	173	18717	10.80	UG/L	#	96
74) ISOPROPYLBENZENE	8.888	105	121225	9.47	UG/L		99
76) 1,1,2,2-TETRACHLOROETHANE	9.242	83	33483	11.64	UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.300	53	12588	10.56	UG/L		100
78) BROMOBENZENE	9.197	77	44333	9.91	UG/L		98
79) 1,2,3-TRICHLOROPROPANE	9.273	110	10606	11.24	UG/L		95
80) N-PROPYLBENZENE	9.331	91	141759	9.50	UG/L		99
81) 2-CHLOROT0LUENE	9.412	91	79514	9.29	UG/L		100
82) 1,3,5-TRIMETHYLBENZENE	9.529	105	99848	9.46	UG/L		100
83) 4-CHLOROTOLUENE	9.532	91	96343	9.67	UG/L		100
85) TERT-BUTYLBENZENE	9.872	119	87085	9.18	UG/L		97
86) 1,2,4-TRIMETHYLBENZENE	9.928	105	98210	9.30	UG/L		97
87) SEC-BUTYLBENZENE	10.109	105	116655	8.86	UG/L		99
88) 1,3-DICHLOROBENZENE	10.218	146	57232	9.61	UG/L		99
89) P-ISOPROPYLTOLUENE	10.271	119	109211	9.14	UG/L		99
90) 1,4-DICHLOROBENZENE	10.318	146	59910	9.59	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.380	105	100195	9.10	UG/L		99
92) N-BUTYLBENZENE	10.711	91	89871	9.00	UG/L		99
93) 1,2-DICHLOROBENZENE	10.717	146	55603	10.06	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.573	75	6186	11.34	UG/L		95
95) 1,3,5-TRICHLOROBENZENE	11.788	180	36379	9.52	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	12.463	180	30983	9.77	UG/L		96
97) HEXACHLOROBUTADIENE	12.641	225	13030	8.89	UG/L		99
98) NAPHTHALENE	12.730	128	74418	9.63	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.990	180	25993	10.21	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31704.D
Acq On : 13 Nov 2023 10:39 am
Operator :
Sample : B0-BSD1 @ (RCP) Inst : GCMSVOA2
Misc :
ALS Vial : 4 Sample Multiplier: 1

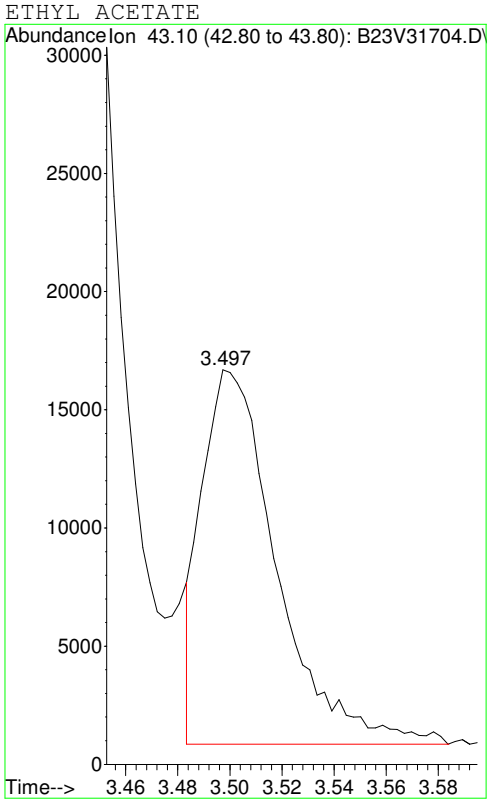
Quant Time: Nov 14 11:01:13 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31704.D
Acq On : 13 Nov 2023 10:39 am
Operator :
Sample : B0-BSD1 @ (RCP)
Misc :

Quant Time : Tue Nov 14 14:00:03 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

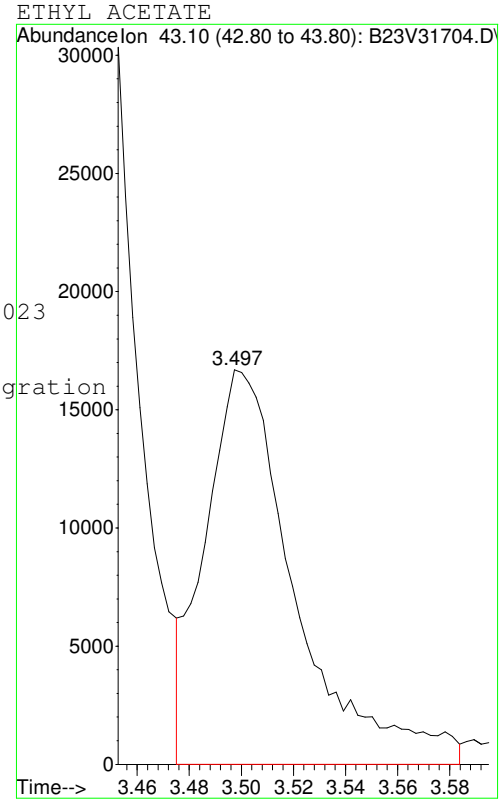
RT : 3.50
Area : 31810
Amount: 8.15507

Manual Int. Results

Tue Nov 14 14:00:03 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.50
Area : 40386
Amount: 10.3537

Manual Integration
ETHYL ACETATE



1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-MS1	File ID:	B23V31725.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 19:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	104	2.0	50	
71-43-2	Benzene	10.1	0.18	1.0	
74-97-5	Bromochloromethane	10.6	0.28	1.0	
75-27-4	Bromodichloromethane	10.6	0.16	0.50	
75-25-2	Bromoform	9.79	0.41	1.0	
74-83-9	Bromomethane	7.67	1.3	2.0	
78-93-3	2-Butanone (MEK)	97.4	1.7	20	
75-15-0	Carbon Disulfide	116	1.6	5.0	
56-23-5	Carbon Tetrachloride	10.4	0.16	5.0	
108-90-7	Chlorobenzene	9.50	0.12	1.0	
124-48-1	Chlorodibromomethane	10.5	0.20	0.50	
75-00-3	Chloroethane	11.5	0.34	2.0	
67-66-3	Chloroform	11.3	0.14	2.0	
74-87-3	Chloromethane	9.02	0.50	2.0	
110-82-7	Cyclohexane	9.51	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.3	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	9.47	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	9.32	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	9.13	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	11.9	0.16	2.0	
75-34-3	1,1-Dichloroethane	10.3	0.14	1.0	
107-06-2	1,2-Dichloroethane	11.3	0.30	1.0	
75-35-4	1,1-Dichloroethylene	11.7	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.1	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.6	0.17	1.0	
78-87-5	1,2-Dichloropropane	10.0	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	9.33	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.76	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-MS1	File ID:	B23V31725.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 19:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	96.4	18	50	
100-41-4	Ethylbenzene	9.74	0.22	1.0	
591-78-6	2-Hexanone (MBK)	98.5	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	9.43	0.15	1.0	
79-20-9	Methyl Acetate	8.84	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.5	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.0	0.16	1.0	
75-09-2	Methylene Chloride	9.13	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	100	1.3	10	
100-42-5	Styrene	9.47	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.14	0.50	
127-18-4	Tetrachloroethylene	11.4	0.17	1.0	
108-88-3	Toluene	10.1	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.36	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.09	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	11.5	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.19	1.0	
79-01-6	Trichloroethylene	10.6	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.4	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.5	0.21	1.0	
75-01-4	Vinyl Chloride	11.8	0.24	2.0	
108383/106423	m+p Xylene	19.2	0.49	2.0	
95-47-6	o-Xylene	9.49	0.24	1.0	
1330-20-7	Xylenes (total)	28.7	1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31725.D
Acq On : 13 Nov 2023 7:46 pm
Operator :
Sample : 23K1148-04MS1 Inst : GCMSVOA2
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 14 11:01:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.971	168	142191	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	4.727	114	240917	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.786	82	133545	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	146764	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.259	65	80200	27.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.48%				
45) TOLUENE-D8 SS	6.264	98	257236	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
66) 4-BROMOFLUROBENZENE SS	9.055	95	104802	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	28535	11.86	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.024	51	41716	11.34	UG/L		95
5) CHLOROMETHANE	1.119	50	39381	9.02	UG/L		99
6) VINYL CHLORIDE	1.172	62	35891	11.75	UG/L		97
7) BROMOMETHANE	1.342	94	10610	7.67	UG/L		94
8) CHLOROETHANE	1.403	64	19438	11.49	UG/L		94
9) FLUORODICHLOROMETHANE	1.517	67	45005	11.65	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.548	101	37704	12.38	UG/L		93
11) ETHANOL	1.679	45	5093	114.15	UG/L	#	94
12) DI ETHYL ETHER	1.721	59	17527	10.29	UG/L		95
13) ACROLEIN	1.816	56	64719	117.17	UG/L	#	89
14) ACETONE	1.916	43	93121	104.12	UG/L		99
15) 1,1-DICHLOROETHENE	1.866	61	39793	11.69	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.863	101	23004	12.51	UG/L		97
17) IODOMETHANE	1.978	142	258280	88.48	UG/L		99
18) METHYL ACETATE	2.142	43	22964	8.84	UG/L		98
19) T-BUTYL ALCOHOL	2.318	59	31130	104.56	UG/L		99
20) ACRYLONITRILE	2.432	53	11256	9.89	UG/L		97
21) METHYLENE CHLORIDE	2.217	49	35855	9.13	UG/L		93
22) CARBON DISULFIDE	2.019	76	618703	115.71	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.429	73	61528	10.47	UG/L		94
24) TRANS 1,2-DICHLOROETHENE	2.426	61	36524	10.60	UG/L		97
25) 1,1-DICHLOROETHANE	2.809	63	44712	10.30	UG/L		99
26) VINYL ACETATE	2.867	43	556208	79.43	UG/L		99
27) DI ISOPROPYL ETHER	2.870	45	87878	9.07	UG/L		97
28) 2-BUTANONE	3.442	43	136277	97.35	UG/L		97
29) T-BUTYL ETHYL ETHER	3.246	59	74580	9.76	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	39540	10.11	UG/L		98
31) 2,2-DICHLOROPROPANE	3.391	77	29782	9.09	UG/L		99
32) ETHYL ACETATE	3.508	43	32801m	8.84	UG/L		
33) BROMOCHLOROMETHANE	3.653	128	11975	10.64	UG/L		94
34) TETRAHYDROFURAN	3.706	42	9484	8.77	UG/L	#	94
36) CHLOROFORM	3.745	83	42703	11.34	UG/L		97
37) 1,1,1-TRICHLOROETHANE	3.910	97	39927	11.51	UG/L		97
38) CYCLOHEXANE	3.949	56	51923	9.51	UG/L		96
39) CARBON TETRACHLORIDE	4.075	117	34836	10.44	UG/L		99
40) 1,1-DICHLOROPROPENE	4.086	75	33303	10.42	UG/L		98
41) BENZENE	4.300	78	89830	10.12	UG/L		97
43) T-AMYLMETHYL ETHER	4.434	73	62748	9.89	UG/L		99
46) 1,2-DICHLOROETHANE	4.342	62	33525	11.31	UG/L		92
47) TRICHLOROETHENE	4.978	95	24702	10.65	UG/L		97
48) METHYLCYCLOHEXANE	5.157	83	39115	10.05	UG/L		97
49) 1,2-DICHLOROPROPANE	5.223	63	24863	10.01	UG/L		99
50) DIBROMOMETHANE	5.346	93	14767	11.22	UG/L		99
51) 1,4-DIOXANE	5.394	88	2967	96.36	UG/L	#	88
52) BROMODICHLOROMETHANE	5.527	83	31050	10.64	UG/L		99
54) MIBK	6.183	43	311495	100.11	UG/L		97
55) CIS-1,3-DICHLOROPROPENE	5.999	75	35026	9.33	UG/L		93

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31725.D
Acq On : 13 Nov 2023 7:46 pm
Operator :
Sample : 23K1148-04MS1 Inst : GCMSVOA2
Misc :
ALS Vial : 25 Sample Multiplier: 1

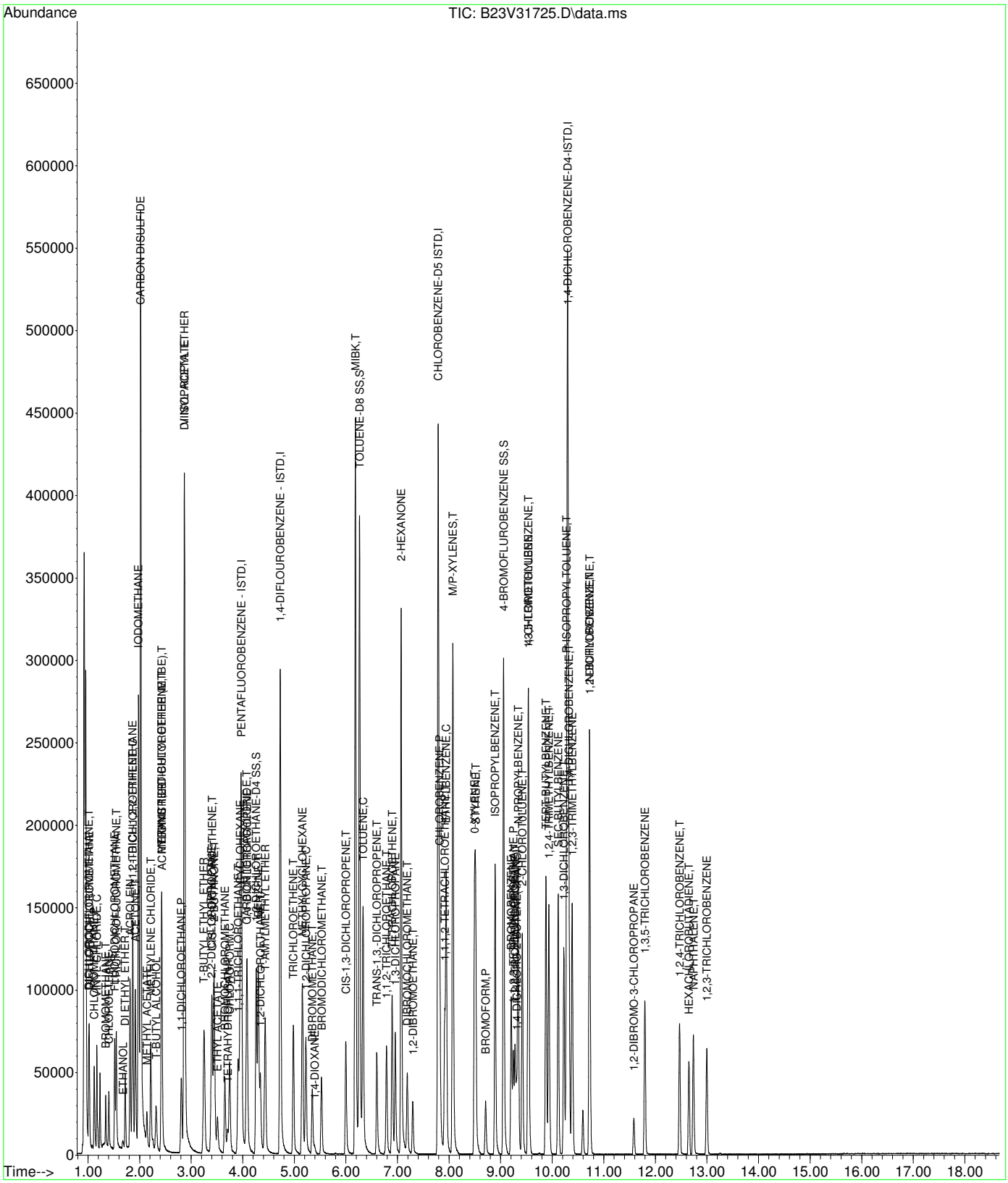
Quant Time: Nov 14 11:01:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) TOLUENE	6.333	91	103751	10.09	UG/L		98
57) TRANS-1,3,-DICHLOROPRO...	6.598	75	31512	9.76	UG/L		96
59) 1,1,2-TRICHLOROETHANE	6.785	97	20472	10.45	UG/L		97
60) 2-HEXANONE	7.070	43	230331	98.54	UG/L		97
61) TETRACHLOROETHENE	6.897	164	23725	11.38	UG/L		98
62) 1,3-DICHLOROPROPANE	6.958	76	37266	10.44	UG/L		98
63) DIBROMOCHLOROMETHANE	7.189	129	26482	10.51	UG/L		100
64) 1,2-DIBROMOETHANE	7.298	107	23996	11.01	UG/L		99
67) CHLOROBENZENE	7.817	112	68454	9.50	UG/L		96
68) 1,1,1,2-TETRACHLOROETHANE	7.917	131	25578	10.20	UG/L		97
69) ETHYLBENZENE	7.942	91	119245	9.74	UG/L		99
70) M/P-XYLENES	8.073	91	185105	19.21	UG/L		97
71) 0-XYLENE	8.492	91	93255	9.49	UG/L		100
72) STYRENE	8.514	104	75838	9.47	UG/L		98
73) BROMOFORM	8.709	173	17174	9.79	UG/L	#	98
74) ISOPROPYLBENZENE	8.893	105	122275	9.43	UG/L		100
76) 1,1,2,2-TETRACHLOROETHANE	9.245	83	31626	10.86	UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	9837	8.15	UG/L		98
78) BROMOBENZENE	9.203	77	43349	9.57	UG/L		99
79) 1,2,3-TRICHLOROPROPANE	9.281	110	10501	10.99	UG/L		79
80) N-PROPYLBENZENE	9.339	91	141912	9.40	UG/L		100
81) 2-CHLOROT0LUENE	9.420	91	79808	9.21	UG/L		99
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	98768	9.25	UG/L		99
83) 4-CHLOROTOLUENE	9.540	91	93357	9.26	UG/L		99
85) TERT-BUTYLBENZENE	9.878	119	89138	9.27	UG/L		98
86) 1,2,4-TRIMETHYLBENZENE	9.933	105	95934	8.96	UG/L		97
87) SEC-BUTYLBENZENE	10.115	105	117813	8.83	UG/L		99
88) 1,3-DICHLOROBENZENE	10.224	146	56267	9.32	UG/L		100
89) P-ISOPROPYLTOLUENE	10.279	119	108033	8.91	UG/L		99
90) 1,4-DICHLOROBENZENE	10.324	146	57845	9.13	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	98828	8.85	UG/L		99
92) N-BUTYLBENZENE	10.723	91	86674	8.56	UG/L		98
93) 1,2-DICHLOROBENZENE	10.725	146	53052	9.47	UG/L		100
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	5709	10.32	UG/L		97
95) 1,3,5-TRICHLOROBENZENE	11.796	180	34012	8.78	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	12.468	180	29227	9.09	UG/L		98
97) HEXACHLOROBUTADIENE	12.650	225	12896	8.68	UG/L		98
98) NAPHTHALENE	12.739	128	67400	8.60	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.995	180	24156	9.36	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31725.D
Acq On : 13 Nov 2023 7:46 pm
Operator :
Sample : 23K1148-04MS1 Inst : GCMSVOA2
Misc :
ALS Vial : 25 Sample Multiplier: 1

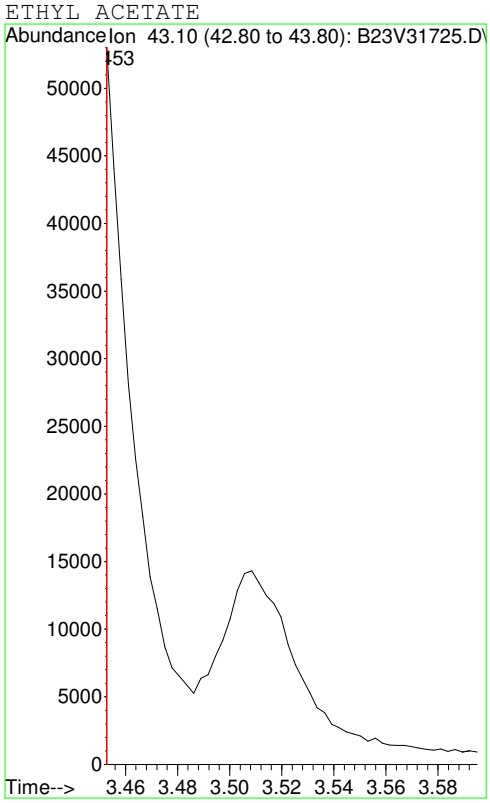
Quant Time: Nov 14 11:01:55 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31725.D
Acq On : 13 Nov 2023 7:46 pm
Operator :
Sample : 23K1148-04MS1
Misc :

Quant Time : Tue Nov 14 14:02:24 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

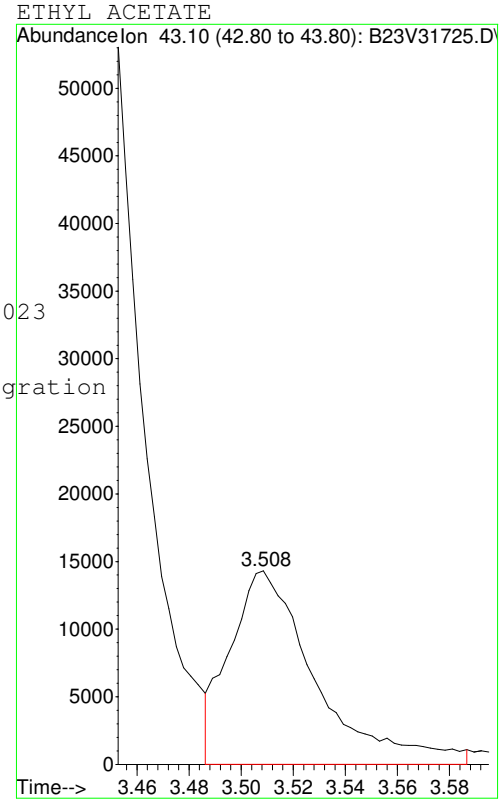
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Nov 14 14:02:24 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 32801
Amount: 8.84269

Manual Integration
ETHYL ACETATE



1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-MSD1	File ID:	B23V31726.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 20:12
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	97.4	2.0	50	
71-43-2	Benzene	9.95	0.18	1.0	
74-97-5	Bromochloromethane	10.1	0.28	1.0	
75-27-4	Bromodichloromethane	10.5	0.16	0.50	
75-25-2	Bromoform	9.56	0.41	1.0	
74-83-9	Bromomethane	8.23	1.3	2.0	
78-93-3	2-Butanone (MEK)	90.8	1.7	20	
75-15-0	Carbon Disulfide	115	1.6	5.0	
56-23-5	Carbon Tetrachloride	10.9	0.16	5.0	
108-90-7	Chlorobenzene	9.75	0.12	1.0	
124-48-1	Chlorodibromomethane	10.2	0.20	0.50	
75-00-3	Chloroethane	12.4	0.34	2.0	
67-66-3	Chloroform	11.1	0.14	2.0	
74-87-3	Chloromethane	9.27	0.50	2.0	
110-82-7	Cyclohexane	9.28	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.39	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.5	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	9.44	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	9.21	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	9.27	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	11.6	0.16	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.14	1.0	
107-06-2	1,2-Dichloroethane	11.8	0.30	1.0	
75-35-4	1,1-Dichloroethylene	11.8	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.6	0.17	1.0	
78-87-5	1,2-Dichloropropane	10.0	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	9.19	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.58	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357872-MSD1	File ID:	B23V31726.D
Sampled:		Prepared:	11/12/23 07:07	Analyzed:	11/13/23 20:12
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357872	Sequence:	S096328	Calibration:	2301046
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	86.8	18	50	
100-41-4	Ethylbenzene	9.87	0.22	1.0	
591-78-6	2-Hexanone (MBK)	93.0	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	9.47	0.15	1.0	
79-20-9	Methyl Acetate	7.37	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.98	0.17	1.0	
108-87-2	Methyl Cyclohexane	10.1	0.16	1.0	
75-09-2	Methylene Chloride	8.96	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	94.5	1.3	10	
100-42-5	Styrene	9.43	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.7	0.14	0.50	
127-18-4	Tetrachloroethylene	11.0	0.17	1.0	
108-88-3	Toluene	9.98	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.28	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.99	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	11.6	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.19	1.0	
79-01-6	Trichloroethylene	10.7	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.0	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.7	0.21	1.0	
75-01-4	Vinyl Chloride	11.6	0.24	2.0	
108383/106423	m+p Xylene	19.2	0.49	2.0	
95-47-6	o-Xylene	9.39	0.24	1.0	
1330-20-7	Xylenes (total)	28.6	1.0	1.0	

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31726.D
Acq On : 13 Nov 2023 8:12 pm
Operator :
Sample : 23K1148-04MSD1 Inst : GCMSVOA2
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 14 11:01:57 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.974	168	143370	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	4.727	114	241633	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.789	82	132615	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.299	152	145518	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.261	65	80861	27.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.44%				
45) TOLUENE-D8 SS	6.264	98	257873	25.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%				
66) 4-BROMOFLUROBENZENE SS	9.055	95	104033	24.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.013	85	28186	11.62	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.021	51	41703	11.25	UG/L		97
5) CHLOROMETHANE	1.119	50	40849	9.27	UG/L		100
6) VINYL CHLORIDE	1.172	62	35695	11.59	UG/L		96
7) BROMOMETHANE	1.342	94	11477	8.23	UG/L		94
8) CHLOROETHANE	1.403	64	21104	12.37	UG/L		100
9) FLUORODICHLOROMETHANE	1.517	67	44921	11.53	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.548	101	36720	11.96	UG/L		93
11) ETHANOL	1.671	45	5671	126.06	UG/L	#	94
12) DI ETHYL ETHER	1.721	59	17702	10.31	UG/L		94
13) ACROLEIN	1.816	56	61067	109.65	UG/L	#	89
14) ACETONE	1.916	43	87792	97.36	UG/L		98
15) 1,1-DICHLOROETHENE	1.869	61	40382	11.76	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.860	101	21739	11.73	UG/L		97
17) IODOMETHANE	1.978	142	294677	100.12	UG/L		100
18) METHYL ACETATE	2.142	43	19308	7.37	UG/L		98
19) T-BUTYL ALCOHOL	2.318	59	28893	96.25	UG/L		99
20) ACRYLONITRILE	2.429	53	10804	9.41	UG/L		97
21) METHYLENE CHLORIDE	2.217	49	35498	8.96	UG/L		93
22) CARBON DISULFIDE	2.019	76	617655	114.56	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.429	73	59143	9.98	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.427	61	36946	10.64	UG/L		97
25) 1,1-DICHLOROETHANE	2.806	63	45366	10.37	UG/L		98
26) VINYL ACETATE	2.867	43	521496	73.86	UG/L		99
27) DI ISOPROPYL ETHER	2.870	45	86447	8.85	UG/L		97
28) 2-BUTANONE	3.442	43	128110	90.77	UG/L		97
29) T-BUTYL ETHYL ETHER	3.249	59	72715	9.43	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.405	61	39615	10.05	UG/L		97
31) 2,2-DICHLOROPROPANE	3.394	77	29693	8.99	UG/L		99
32) ETHYL ACETATE	3.509	43	30451m	8.14	UG/L		
33) BROMOCHLOROMETHANE	3.654	128	11509	10.14	UG/L		93
34) TETRAHYDROFURAN	3.707	42	8954	8.21	UG/L	#	94
36) CHLOROFORM	3.746	83	41973	11.06	UG/L		99
37) 1,1,1-TRICHLOROETHANE	3.910	97	40552	11.59	UG/L		97
38) CYCLOHEXANE	3.949	56	51055	9.28	UG/L		97
39) CARBON TETRACHLORIDE	4.075	117	36752	10.93	UG/L		94
40) 1,1-DICHLOROPROPENE	4.083	75	33268	10.32	UG/L		100
41) BENZENE	4.300	78	88991	9.95	UG/L		98
43) T-AMYLMETHYL ETHER	4.432	73	61827	9.67	UG/L		98
46) 1,2-DICHLOROETHANE	4.340	62	34974	11.76	UG/L		90
47) TRICHLOROETHENE	4.981	95	24914	10.71	UG/L		97
48) METHYLCYCLOHEXANE	5.157	83	39304	10.07	UG/L		96
49) 1,2-DICHLOROPROPANE	5.221	63	24965	10.02	UG/L		98
50) DIBROMOMETHANE	5.349	93	14447	10.95	UG/L		99
51) 1,4-DIOXANE	5.391	88	2680	86.78	UG/L	#	90
52) BROMODICHLOROMETHANE	5.525	83	30839	10.54	UG/L		100
54) MIBK	6.183	43	295008	94.53	UG/L		98
55) CIS-1,3-DICHLOROPROPENE	5.999	75	34625	9.19	UG/L		94

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31726.D
Acq On : 13 Nov 2023 8:12 pm
Operator :
Sample : 23K1148-04MSD1 Inst : GCMSVOA2
Misc :
ALS Vial : 26 Sample Multiplier: 1

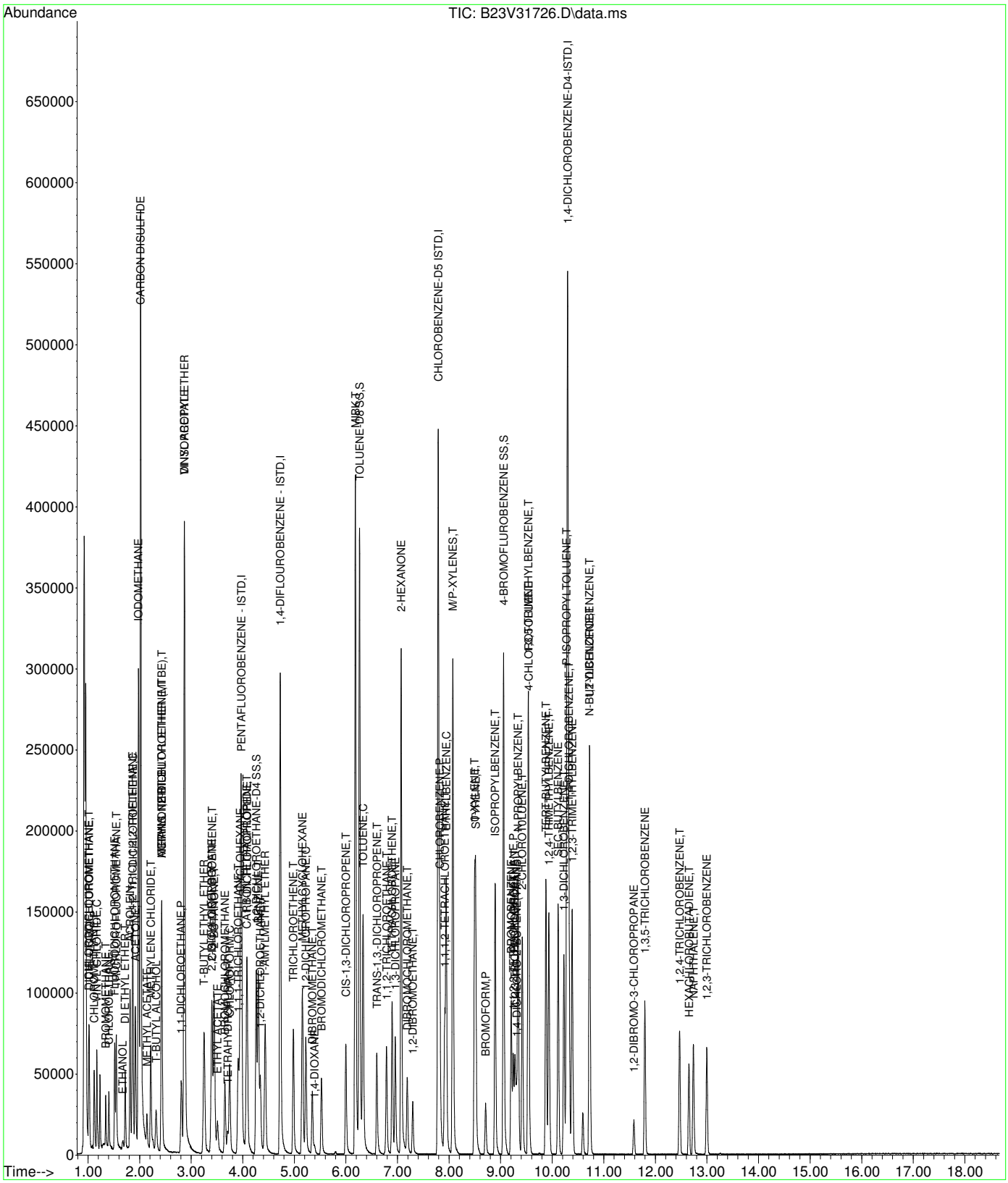
Quant Time: Nov 14 11:01:57 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) TOLUENE	6.331	91	102920	9.98	UG/L		99
57) TRANS-1,3,-DICHLOROPRO...	6.601	75	31030	9.58	UG/L		97
59) 1,1,2-TRICHLOROETHANE	6.788	97	20871	10.62	UG/L		99
60) 2-HEXANONE	7.072	43	217954	92.97	UG/L		97
61) TETRACHLOROETHENE	6.894	164	23048	11.02	UG/L		97
62) 1,3-DICHLOROPROPANE	6.958	76	36700	10.25	UG/L		96
63) DIBROMOCHLOROMETHANE	7.187	129	25816	10.21	UG/L		98
64) 1,2-DIBROMOETHANE	7.295	107	23037	10.53	UG/L		100
67) CHLOROBENZENE	7.820	112	69748	9.75	UG/L		98
68) 1,1,1,2-TETRACHLOROETHANE	7.915	131	25452	10.23	UG/L		98
69) ETHYLBENZENE	7.945	91	120063	9.87	UG/L		99
70) M/P-XYLENES	8.071	91	183456	19.18	UG/L		98
71) 0-XYLENE	8.495	91	91640	9.39	UG/L		99
72) STYRENE	8.514	104	74993	9.43	UG/L		98
73) BROMOFORM	8.709	173	16653	9.56	UG/L	#	97
74) ISOPROPYLBENZENE	8.893	105	121941	9.47	UG/L		100
76) 1,1,2,2-TETRACHLOROETHANE	9.248	83	30992	10.71	UG/L		99
77) 1,4-DICHLORO-2-BUTENE(...	9.309	53	9262	7.73	UG/L		97
78) BROMOBENZENE	9.203	77	42936	9.55	UG/L		99
79) 1,2,3-TRICHLOROPROPANE	9.278	110	9746	10.27	UG/L		83
80) N-PROPYLBENZENE	9.337	91	140847	9.39	UG/L		99
81) 2-CHLOROT0LUENE	9.418	91	79813	9.27	UG/L		100
82) 1,3,5-TRIMETHYLBENZENE	9.535	105	97870	9.23	UG/L		99
83) 4-CHLOROTOLUENE	9.543	91	93799	9.37	UG/L		100
85) TERT-BUTYLBENZENE	9.878	119	88080	9.24	UG/L		99
86) 1,2,4-TRIMETHYLBENZENE	9.934	105	95293	8.97	UG/L		98
87) SEC-BUTYLBENZENE	10.115	105	116664	8.82	UG/L		99
88) 1,3-DICHLOROBENZENE	10.224	146	55164	9.21	UG/L		99
89) P-ISOPROPYLTOLUENE	10.279	119	107035	8.91	UG/L		99
90) 1,4-DICHLOROBENZENE	10.324	146	58231	9.27	UG/L		99
91) 1,2,3-TRIMETHYLBENZENE	10.388	105	97276	8.79	UG/L		99
92) N-BUTYLBENZENE	10.720	91	85342	8.50	UG/L		99
93) 1,2-DICHLOROBENZENE	10.723	146	52452	9.44	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	11.584	75	5154	9.39	UG/L		98
95) 1,3,5-TRICHLOROBENZENE	11.796	180	33680	8.77	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	12.471	180	28663	8.99	UG/L		99
97) HEXACHLOROBUTADIENE	12.652	225	11903	8.08	UG/L		93
98) NAPHTHALENE	12.739	128	64694	8.33	UG/L		99
99) 1,2,3-TRICHLOROBENZENE	12.995	180	23762	9.28	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31726.D
Acq On : 13 Nov 2023 8:12 pm
Operator :
Sample : 23K1148-04MSD1 Inst : GCMSVOA2
Misc :
ALS Vial : 26 Sample Multiplier: 1

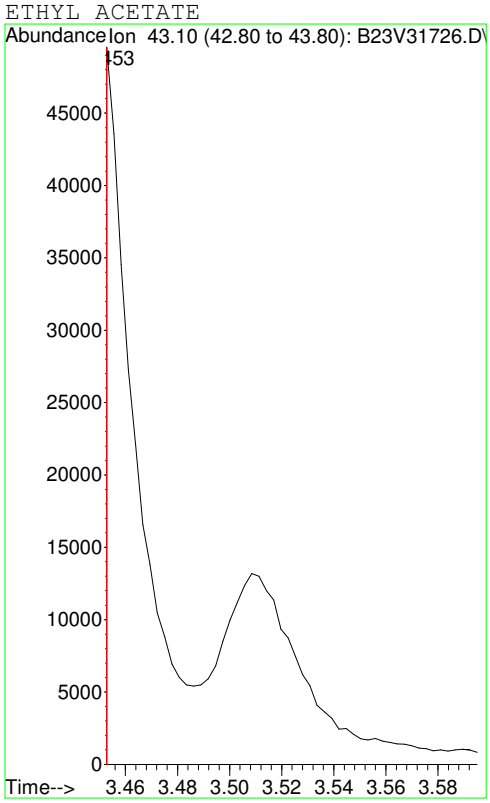
Quant Time: Nov 14 11:01:57 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Aug 23 10:01:15 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\B111323\
Data File : B23V31726.D
Acq On : 13 Nov 2023 8:12 pm
Operator :
Sample : 23K1148-04MSD1
Misc :

Quant Time : Tue Nov 14 14:02:57 2023
Quant Method : C:\msdchem\1\methods\B082223W.M
QLast Update : Wed Aug 23 10:01:15 2023

Original Integration
ETHYL ACETATE



Original Int. Results

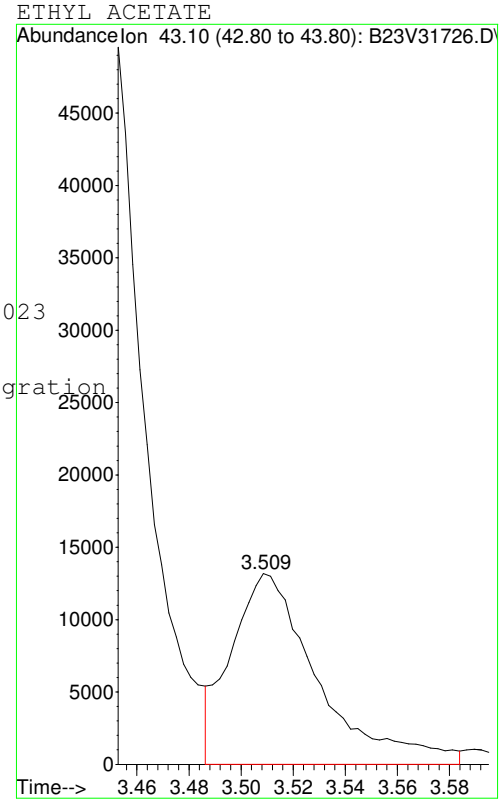
RT : 0.00
Area : 0
Amount: 0

Manual Int. Results

Tue Nov 14 14:02:57 2023

MIuser: LBD
Reason: Incorret Integration
RT : 3.51
Area : 30451
Amount: 8.14165

Manual Integration
ETHYL ACETATE



1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BLK1	File ID:	C22V31809.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 12:51
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BLK1	File ID:	C22V31809.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 12:51
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
108383/106423	m+p Xylene		0.49	2.0	
95-47-6	o-Xylene		0.24	1.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31809.D
Acq On : 14 Nov 2023 12:51 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

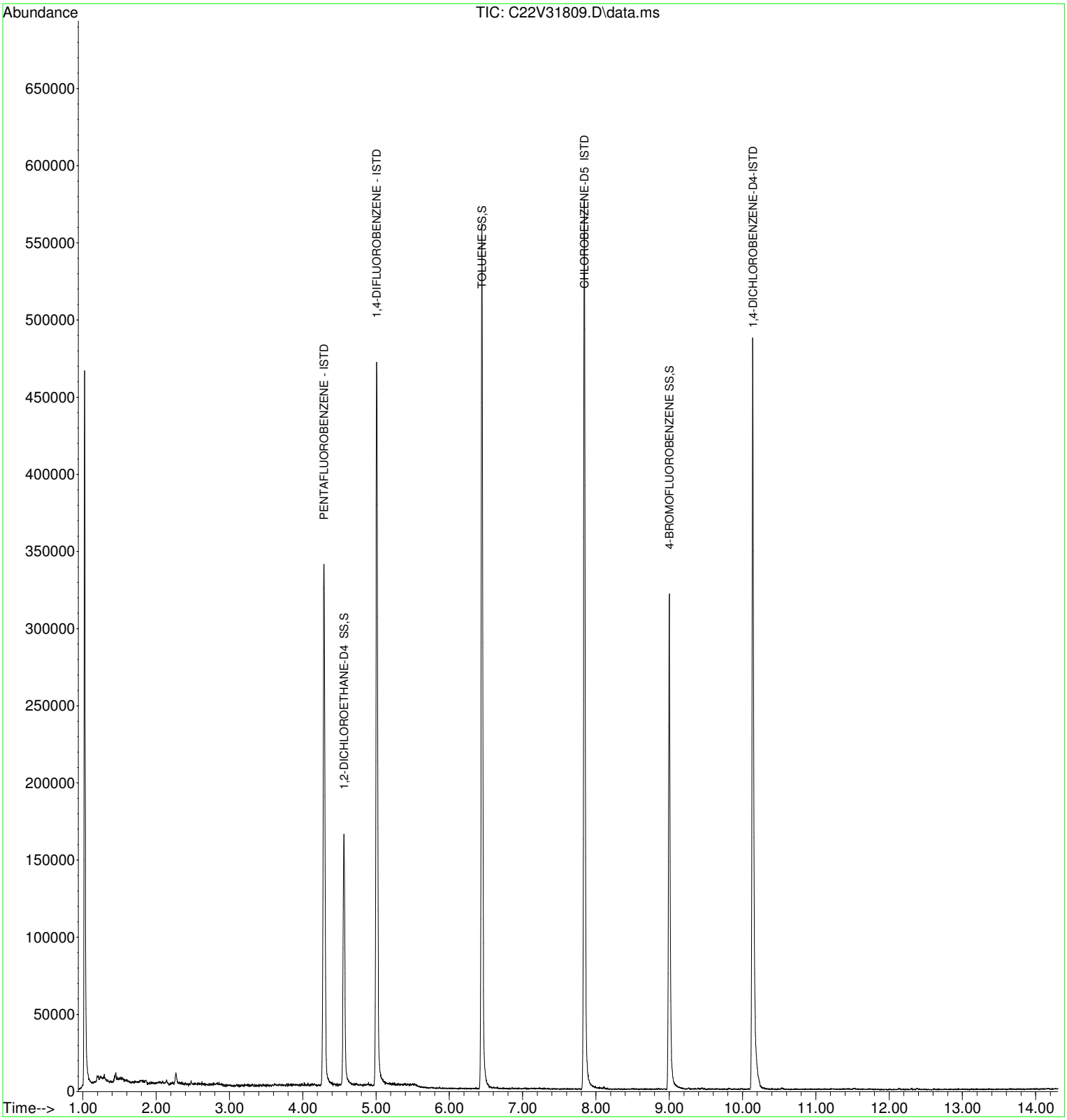
Quant Time: Nov 14 13:50:38 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.291	168	215780	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	5.008	114	340832	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.841	82	159584	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	10.142	152	141263	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	97679	24.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.48%			
49) TOLUENE SS	6.444	98	327211	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%			
71) 4-BROMOFLUOROBENZENE SS	9.001	95	103758	21.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.72%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31809.D
Acq On : 14 Nov 2023 12:51 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

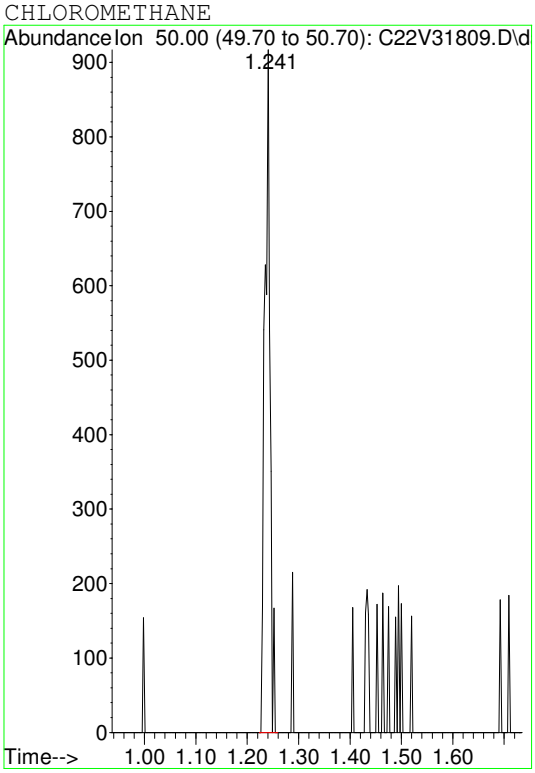
Quant Time: Nov 14 13:50:38 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31809.D
Acq On : 14 Nov 2023 12:51 pm
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 13:50:38 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
CHLOROMETHANE



Original Int. Results

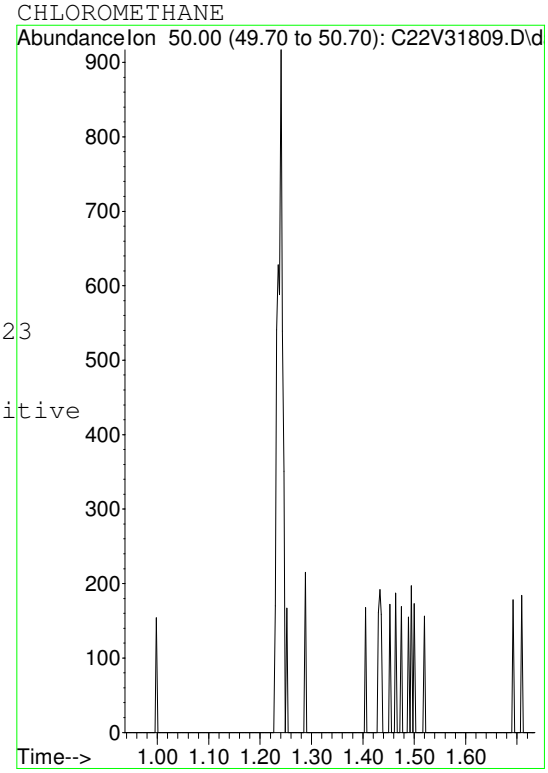
RT : 1.24
Area : 653
Amount: 0.127952

Manual Int. Results

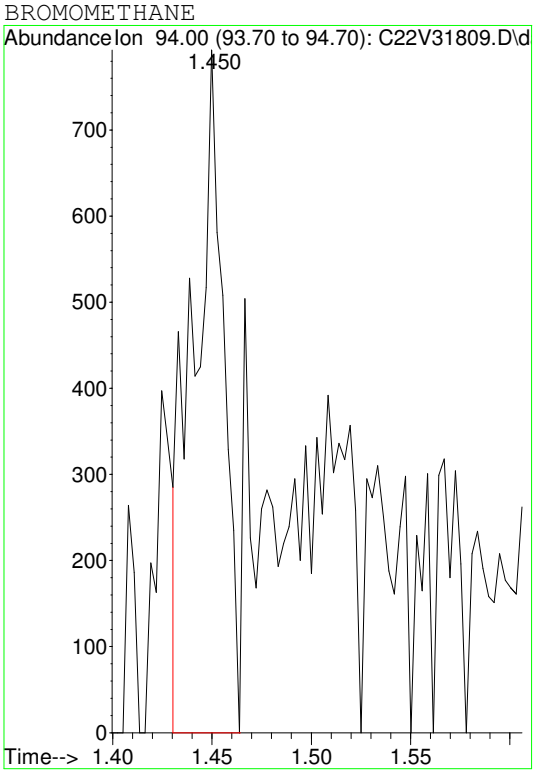
Tue Nov 14 13:50:06 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CHLOROMETHANE



Original Integration
BROMOMETHANE



Original Int. Results

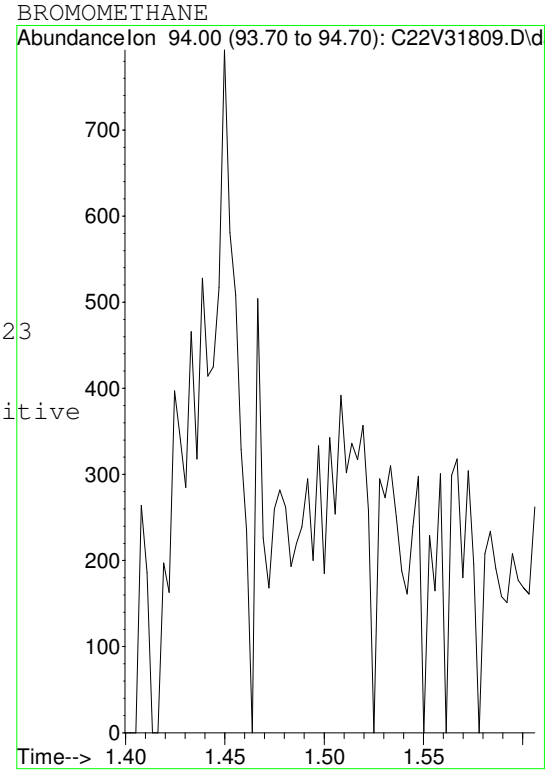
RT : 1.45
Area : 855
Amount: 0.385995

Manual Int. Results

Tue Nov 14 13:50:10 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

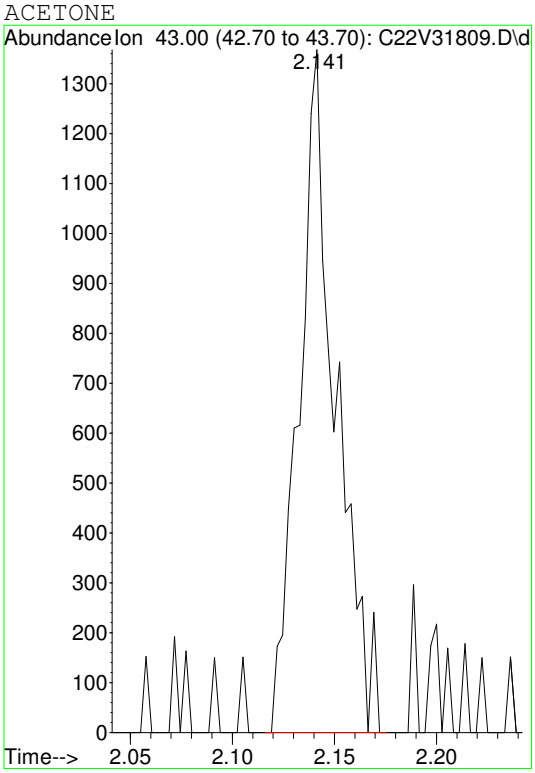
Manual Integration
BROMOMETHANE



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31809.D
Acq On : 14 Nov 2023 12:51 pm
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 13:50:38 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
ACETONE



Original Int. Results

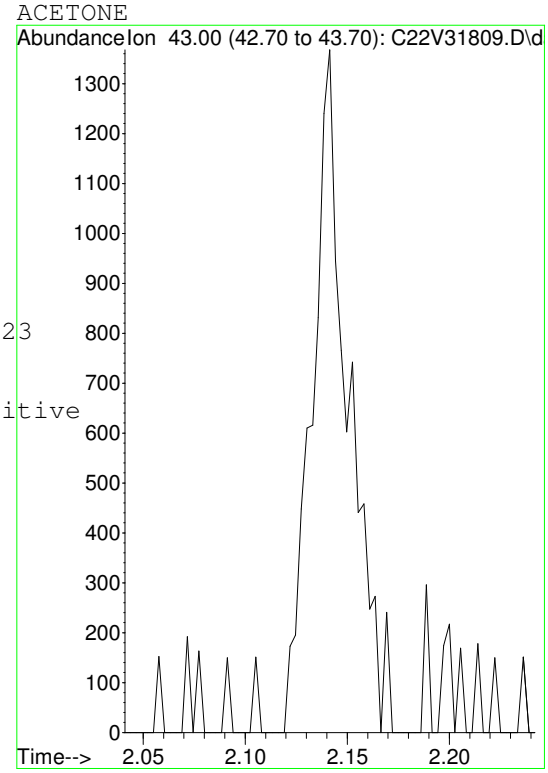
RT : 2.14
Area : 1706
Amount: 1.30256

Manual Int. Results

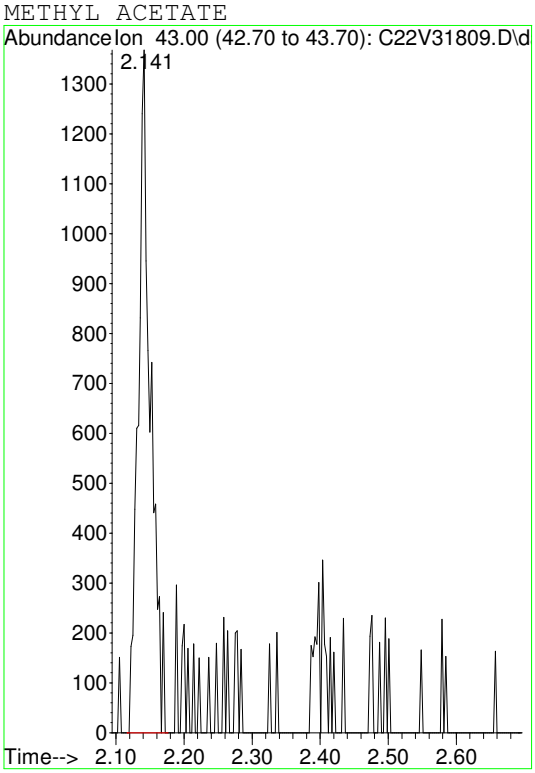
Tue Nov 14 13:50:14 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
ACETONE



Original Integration
METHYL ACETATE



Original Int. Results

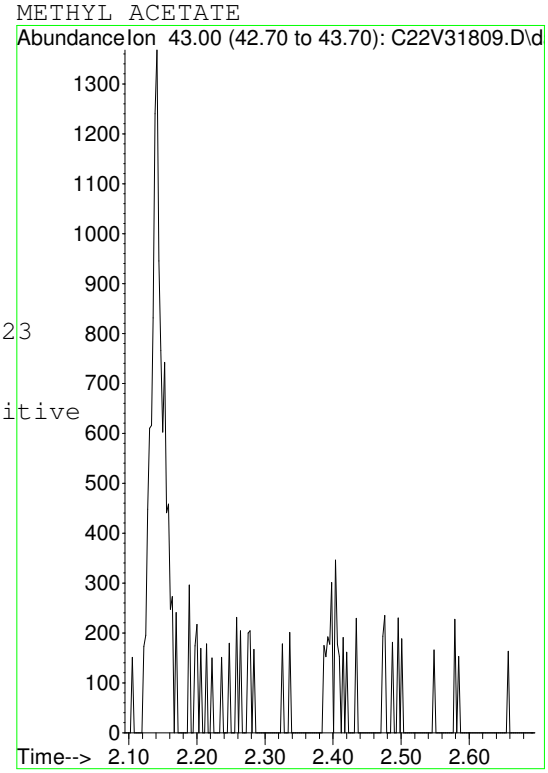
RT : 2.14
Area : 1706
Amount: 0.334601

Manual Int. Results

Tue Nov 14 13:50:18 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

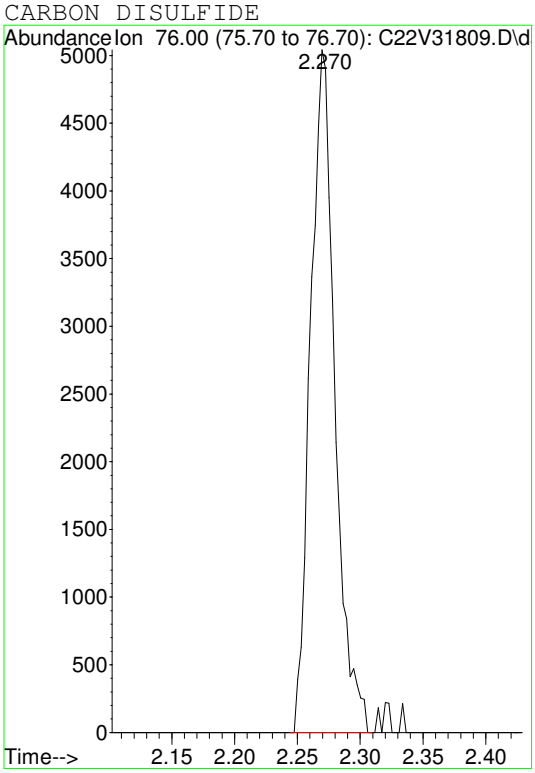
Manual Integration
METHYL ACETATE



Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31809.D
Acq On : 14 Nov 2023 12:51 pm
Operator :
Sample : B0-BLK1
Misc :

Quant Time : Tue Nov 14 13:50:38 2023
Quant Method : C:\msdchem\1\methods\C080822.M
QLast Update : Fri Apr 21 09:50:20 2023

Original Integration
CARBON DISULFIDE



Original Int. Results

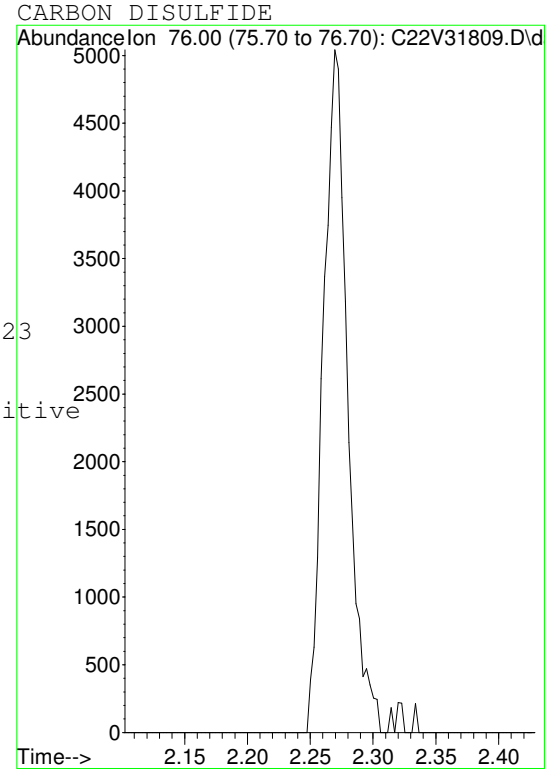
RT : 2.27
Area : 6829
Amount: 0.759258

Manual Int. Results

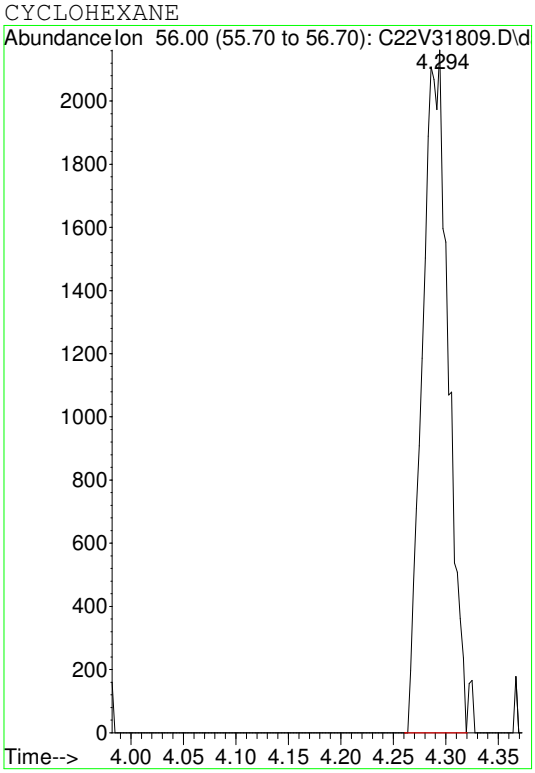
Tue Nov 14 13:50:33 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CARBON DISULFIDE



Original Integration
CYCLOHEXANE



Original Int. Results

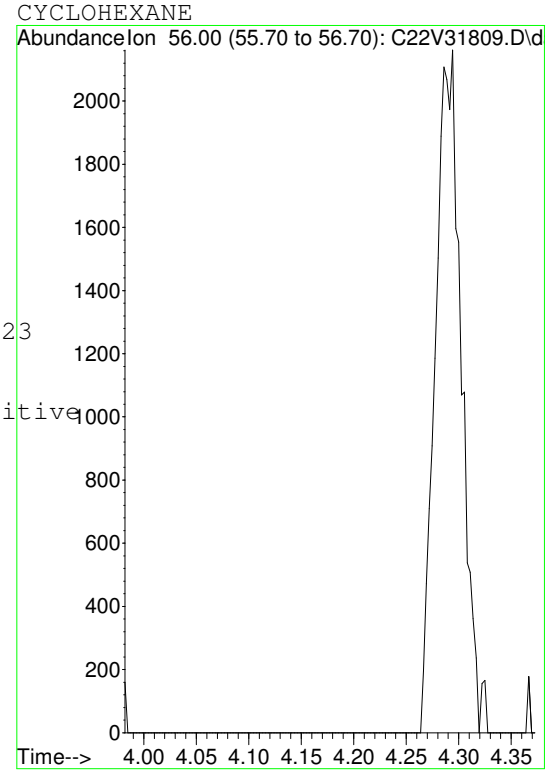
RT : 4.29
Area : 3700
Amount: 0.726559

Manual Int. Results

Tue Nov 14 13:50:38 2023

MIuser: MFF
Reason: Qdel False Positive
RT : 0.00
Area : 0
Amount: 0

Manual Integration
CYCLOHEXANE



1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BS1	File ID:	C22V31805.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	90.7	2.0	50	
71-43-2	Benzene	12.3	0.18	1.0	
74-97-5	Bromochloromethane	12.2	0.28	1.0	
75-27-4	Bromodichloromethane	10.7	0.16	0.50	
75-25-2	Bromoform	8.14	0.41	1.0	
74-83-9	Bromomethane	14.5	1.3	2.0	V-20
78-93-3	2-Butanone (MEK)	101	1.7	20	
75-15-0	Carbon Disulfide	118	1.6	5.0	
56-23-5	Carbon Tetrachloride	10.3	0.16	5.0	
108-90-7	Chlorobenzene	11.1	0.12	1.0	
124-48-1	Chlorodibromomethane	9.83	0.20	0.50	
75-00-3	Chloroethane	11.5	0.34	2.0	
67-66-3	Chloroform	11.3	0.14	2.0	
74-87-3	Chloromethane	10.6	0.50	2.0	
110-82-7	Cyclohexane	10.9	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.07	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	11.0	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	11.2	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	11.0	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	12.2	0.16	2.0	
75-34-3	1,1-Dichloroethane	11.8	0.14	1.0	
107-06-2	1,2-Dichloroethane	10.2	0.30	1.0	
75-35-4	1,1-Dichloroethylene	10.3	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.3	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.9	0.17	1.0	
78-87-5	1,2-Dichloropropane	11.4	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	11.2	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.8	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BS1	File ID:	C22V31805.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	86.2	18	50	
100-41-4	Ethylbenzene	10.8	0.22	1.0	
591-78-6	2-Hexanone (MBK)	87.0	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	10.1	0.15	1.0	
79-20-9	Methyl Acetate	10.9	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.6	0.17	1.0	
108-87-2	Methyl Cyclohexane	11.3	0.16	1.0	
75-09-2	Methylene Chloride	10.8	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	88.6	1.3	10	
100-42-5	Styrene	10.7	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.66	0.14	0.50	
127-18-4	Tetrachloroethylene	10.9	0.17	1.0	
108-88-3	Toluene	11.3	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.37	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.06	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	10.2	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.19	1.0	
79-01-6	Trichloroethylene	10.8	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.3	0.21	1.0	
75-01-4	Vinyl Chloride	12.7	0.24	2.0	
108383/106423	m+p Xylene	21.3	0.49	2.0	
95-47-6	o-Xylene	10.1	0.24	1.0	
1330-20-7	Xylenes (total)	31.4	1.0	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31805.D
Acq On : 14 Nov 2023 11:04 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 12:23:17 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.289	168	213875	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	5.008	114	333535	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.839	82	167370	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.136	152	160932	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.562	65	96242	23.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.92%				
49) TOLUENE SS	6.444	98	343468	26.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.00%				
71) 4-BROMOFLUOROBENZENE SS	8.999	95	116779	23.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.124	85	37728	12.19	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.132	51	47753	11.71	UG/L	#	100
5) CHLOROMETHANE	1.238	50	53384	10.55	UG/L	#	21
6) VINYL CHLORIDE	1.305	62	47421	12.74	UG/L		95
7) BROMOMETHANE	1.500	94	31748	14.46	UG/L		97
8) CHLOROETHANE	1.570	64	29541	11.51	UG/L		96
9) FLUORODICHLOROMETHANE	1.692	67	64979	10.85	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.734	101	46658	10.24	UG/L		97
11) ETHANOL	1.860	45	6114	82.72	UG/L	#	90
12) DI ETHYL ETHER	1.935	59	29876	11.28	UG/L		91
13) ACROLEIN	2.027	56	87032	133.47	UG/L		97
14) ACETONE	2.141	43	117696	90.66	UG/L	#	89
15) 1,1-DICHLOROETHENE	2.094	61	47937	10.34	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.094	101	30484	11.33	UG/L		85
17) IODOMETHANE	2.211	142	482645	124.91	UG/L		97
20) METHYL ACETATE	2.401	43	55286	10.94	UG/L	#	93
21) T-BUTYL ALCOHOL	2.604	59	40117	78.34	UG/L	#	99
22) ACRYLONITRILE	2.705	53	17190	10.67	UG/L		97
23) METHYLENE CHLORIDE	2.479	49	49543	10.81	UG/L		91
24) CARBON DISULFIDE	2.264	76	1047631	117.51	UG/L		100
25) METHYL TERT-BUTYL ETHE...	2.744	73	107265	10.65	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.724	61	48080	10.91	UG/L		99
27) 1,1-DICHLOROETHANE	3.140	63	66328	11.81	UG/L		99
28) VINYL ACETATE	3.215	43	923526	98.69	UG/L		96
29) DI ISOPROYL ETHER	3.240	45	124737	11.23	UG/L		93
31) 2-BUTANONE	3.787	43	189708	101.02	UG/L		93
32) T-BUTYL ETHYL ETHER	3.617	59	111058	11.26	UG/L		99
33) CIS-1,2-DICHLOROETHENE	3.739	61	55123	11.26	UG/L		96
34) 2,2-DICHLOROPROPANE	3.736	77	44560	10.27	UG/L		93
35) ETHYL ACETATE	3.854	43	39273	8.47	UG/L	#	94
38) BROMOCHLOROMETHANE	3.976	49	32960	12.19	UG/L		97
39) TETRAHYDROFURAN	4.054	42	12527	9.37	UG/L	#	86
40) CHLOROFORM	4.066	83	61297	11.33	UG/L		95
41) 1,1,1-TRICHLOROETHANE	4.241	97	46107	10.23	UG/L		96
42) CYCLOHEXANE	4.291	56	55138	10.92	UG/L		91
43) CARBON TETRACHLORIDE	4.403	117	38721	10.28	UG/L		96
44) 1,1-DICHLOROPROPENE	4.406	75	44305	11.35	UG/L		96
45) BENZENE	4.612	78	146114	12.29	UG/L		99
47) T-AMYLMETHYL ETHER	4.754	73	98085	10.48	UG/L		97
50) 1,2-DICHLOROETHANE	4.634	62	48305	10.16	UG/L		100
51) TRICHLOROETHENE	5.254	95	33234	10.80	UG/L		95
52) METHYLCYCLOHEXANE	5.435	83	41465	11.27	UG/L		91
53) 1,2-DICHLOROPROPANE	5.471	63	38979	11.45	UG/L	#	99

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31805.D
Acq On : 14 Nov 2023 11:04 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

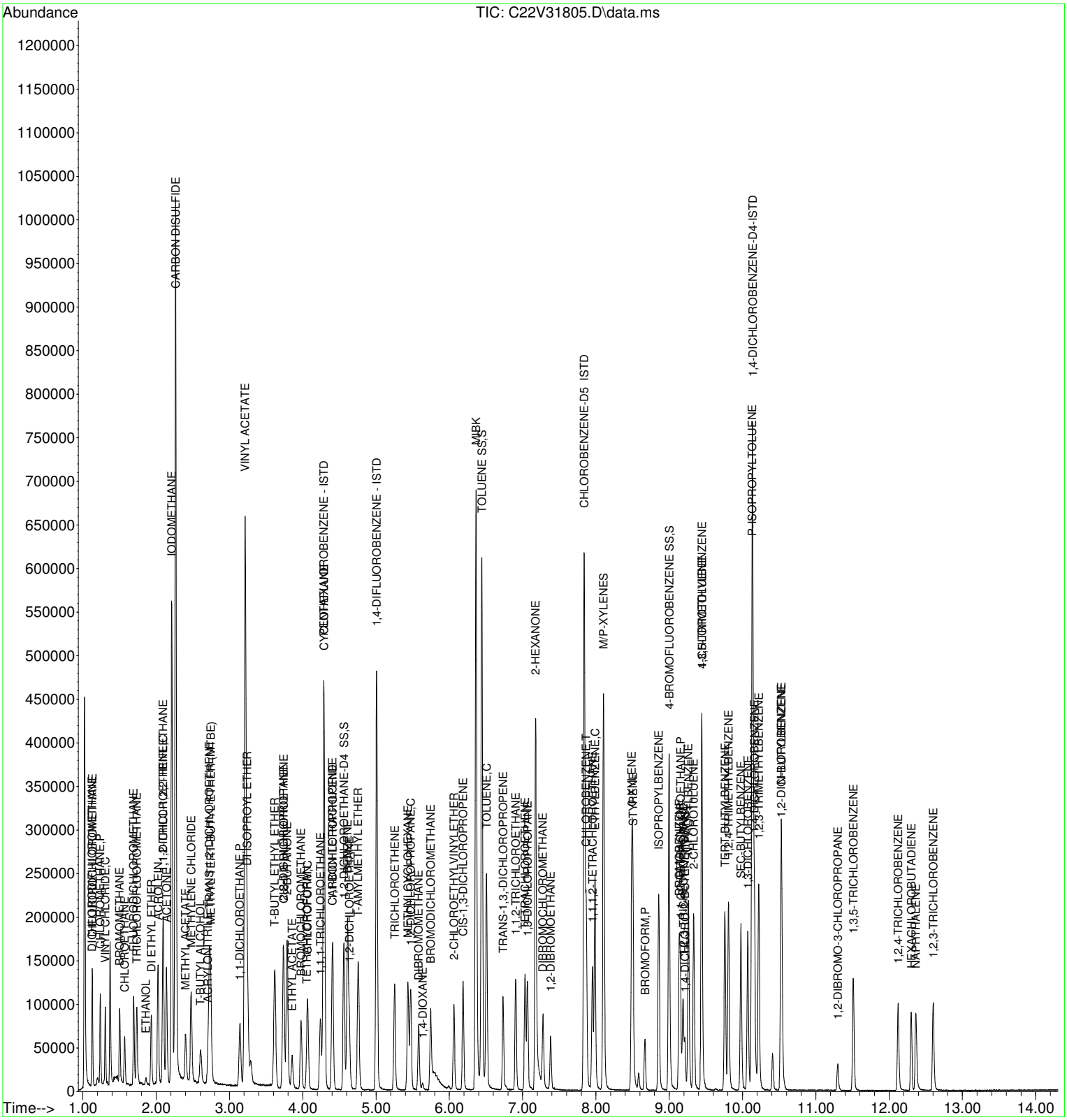
Quant Time: Nov 14 12:23:17 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	5.580	93	23356	10.52 UG/L	94
56) 1,4-DIOXANE	5.636	88	4532	86.15 UG/L #	80
57) BROMODICHLOROMETHANE	5.744	83	46708	10.66 UG/L	96
58) 2-CHLOROETHYLVINYLETHER	6.062	63	34953	19.28 UG/L	83
59) MIBK	6.363	43	405191	88.63 UG/L	97
60) CIS-1,3-DICHLOROPROPENE	6.188	75	59087	11.23 UG/L	96
61) TOLUENE	6.508	91	149741	11.27 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	6.734	75	48933	10.79 UG/L	95
64) 1,1,2-TRICHLOROETHANE	6.904	97	34749	11.17 UG/L	96
65) 2-HEXANONE	7.178	43	274876	86.95 UG/L	95
66) TETRACHLOROETHENE	7.033	166	34113	10.93 UG/L	96
67) 1,3-DICHLOROPROPANE	7.066	76	61524	11.12 UG/L	100
68) DIBROMOCHLOROMETHANE	7.275	129	36768	9.83 UG/L	98
69) 1,2-DIBROMOETHANE	7.381	107	35107	10.55 UG/L	99
72) CHLOROBENZENE	7.866	112	97643	11.10 UG/L	95
73) 1,1,1,2-TETRACHLOROETHANE	7.953	131	33878	10.39 UG/L	97
74) ETHYLBENZENE	7.986	91	153030	10.76 UG/L	96
75) M/P-XYLENES	8.104	91	236569	21.31 UG/L	99
76) 0-XYLENE	8.488	91	118369	10.13 UG/L	98
77) STYRENE	8.505	104	100627	10.72 UG/L	99
78) BROMOFORM	8.670	173	23761	8.14 UG/L	100
79) ISOPROPYLBENZENE	8.856	105	135563	10.14 UG/L	98
81) 1,1,2,2-TETRACHLOROETHANE	9.152	83	49467	9.66 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	9.213	53	10001	7.48 UG/L	87
83) BROMOBENZENE	9.135	77	61122	10.48 UG/L	94
84) 1,2,3-TRICHLOROPROPANE	9.191	75	50780	12.09 UG/L #	84
85) N-PROPYLBENZENE	9.261	91	158308	10.60 UG/L	99
86) 2-CHLOROT0LUENE	9.333	91	103033	10.58 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	9.445	105	113594	10.37 UG/L	97
88) 4-CHLOROTOLUENE	9.445	91	115706	10.45 UG/L	99
90) TERT-BUTYLBENZENE	9.760	119	87570	10.16 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	9.807	105	110844	10.46 UG/L	99
92) SEC-BUTYLBENZENE	9.977	105	125117	10.88 UG/L	97
93) 1,3-DICHLOROBENZENE	10.072	146	71867	11.23 UG/L	99
94) P-ISOPROPYLTOLUENE	10.128	119	108780	11.01 UG/L	98
95) 1,4-DICHLOROBENZENE	10.162	146	74663	10.95 UG/L	98
96) 1,2,3-TRIMETHYLBENZENE	10.220	105	124362	10.59 UG/L #	100
97) N-BUTYLBENZENE	10.532	91	93833	11.29 UG/L	94
98) 1,2-DICHLOROBENZENE	10.524	146	71931	11.05 UG/L	98
99) 1,2-DIBROMO-3-CHLOROPR...	11.299	75	7138	8.07 UG/L	93
100) 1,3,5-TRICHLOROBENZENE	11.511	180	43204	10.86 UG/L	99
101) 1,2,4-TRICHLOROBENZENE	12.119	180	32993	9.06 UG/L	98
102) HEXACHLOROBUTADIENE	12.303	225	17110	11.18 UG/L	92
103) NAPHTHALENE	12.365	128	76120	6.97 UG/L	99
104) 1,2,3-TRICHLOROBENZENE	12.602	180	33384	9.37 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31805.D
Acq On : 14 Nov 2023 11:04 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 12:23:17 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration



1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BSD1	File ID:	C22V31806.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 11:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	87.4	2.0	50	
71-43-2	Benzene	12.5	0.18	1.0	
74-97-5	Bromochloromethane	12.2	0.28	1.0	
75-27-4	Bromodichloromethane	10.4	0.16	0.50	
75-25-2	Bromoform	8.33	0.41	1.0	
74-83-9	Bromomethane	14.4	1.3	2.0	V-20
78-93-3	2-Butanone (MEK)	102	1.7	20	
75-15-0	Carbon Disulfide	116	1.6	5.0	
56-23-5	Carbon Tetrachloride	10.6	0.16	5.0	
108-90-7	Chlorobenzene	11.4	0.12	1.0	
124-48-1	Chlorodibromomethane	9.77	0.20	0.50	
75-00-3	Chloroethane	11.2	0.34	2.0	
67-66-3	Chloroform	11.4	0.14	2.0	
74-87-3	Chloromethane	10.4	0.50	2.0	
110-82-7	Cyclohexane	11.6	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.63	0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.16	0.50	
95-50-1	1,2-Dichlorobenzene	11.4	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	11.4	0.14	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	12.0	0.16	2.0	
75-34-3	1,1-Dichloroethane	11.5	0.14	1.0	
107-06-2	1,2-Dichloroethane	9.96	0.30	1.0	
75-35-4	1,1-Dichloroethylene	10.1	0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.1	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.7	0.17	1.0	
78-87-5	1,2-Dichloropropane	11.6	0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene	11.3	0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.9	0.14	0.50	

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Pace New England			Work Order:	23K1148
Client:	NYDEC_GES - Amherst, NY		Project:	275 Franklin St, Buffalo, NY - CO 144192	
Matrix:	Water	Laboratory ID:	B357980-BSD1	File ID:	C22V31806.D
Sampled:		Prepared:	11/13/23 13:47	Analyzed:	11/14/23 11:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Initial/Final:	5 mL / 5 mL				
Batch:	B357980	Sequence:	S096354	Calibration:	2200537
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
123-91-1	1,4-Dioxane	82.4	18	50	
100-41-4	Ethylbenzene	11.0	0.22	1.0	
591-78-6	2-Hexanone (MBK)	89.4	1.2	10	
98-82-8	Isopropylbenzene (Cumene)	10.5	0.15	1.0	
79-20-9	Methyl Acetate	10.9	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.4	0.17	1.0	
108-87-2	Methyl Cyclohexane	11.4	0.16	1.0	
75-09-2	Methylene Chloride	10.4	0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	90.2	1.3	10	
100-42-5	Styrene	10.8	0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.1	0.14	0.50	
127-18-4	Tetrachloroethylene	10.9	0.17	1.0	
108-88-3	Toluene	11.5	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.2	0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.53	0.30	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.15	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.19	1.0	
79-01-6	Trichloroethylene	11.2	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.5	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.0	0.21	1.0	
75-01-4	Vinyl Chloride	12.8	0.24	2.0	
108383/106423	m+p Xylene	22.0	0.49	2.0	
95-47-6	o-Xylene	10.5	0.24	1.0	
1330-20-7	Xylenes (total)	32.4	1.0	1.0	

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31806.D
Acq On : 14 Nov 2023 11:30 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 14 12:23:26 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.289	168	216711	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	5.008	114	330189	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.839	82	163844	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	10.139	152	155892	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.559	65	94802	23.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%				
49) TOLUENE SS	6.444	98	339385	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
71) 4-BROMOFLUOROBENZENE SS	8.999	95	113155	23.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.124	85	37785	12.05	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.132	51	47894	11.59	UG/L	#	100
5) CHLOROMETHANE	1.238	50	53553	10.45	UG/L	#	23
6) VINYL CHLORIDE	1.305	62	48480	12.85	UG/L		98
7) BROMOMETHANE	1.503	94	32139	14.45	UG/L		99
8) CHLOROETHANE	1.570	64	29205	11.23	UG/L		99
9) FLUORODICHLOROMETHANE	1.692	67	65783	10.84	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.737	101	48617	10.53	UG/L		95
11) ETHANOL	1.860	45	5990	79.99	UG/L		88
12) DI ETHYL ETHER	1.935	59	28990	10.81	UG/L		91
13) ACROLEIN	2.024	56	86390	130.75	UG/L		99
14) ACETONE	2.139	43	114894	87.35	UG/L		90
15) 1,1-DICHLOROETHENE	2.097	61	47392	10.09	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	2.097	101	30122	11.04	UG/L		84
17) IODOMETHANE	2.214	142	481734	123.04	UG/L		98
20) METHYL ACETATE	2.401	43	55763	10.89	UG/L	#	92
21) T-BUTYL ALCOHOL	2.602	59	40131	77.34	UG/L	#	99
22) ACRYLONITRILE	2.708	53	17152	10.51	UG/L		99
23) METHYLENE CHLORIDE	2.476	49	48093	10.36	UG/L		90
24) CARBON DISULFIDE	2.267	76	1051574	116.41	UG/L		99
25) METHYL TERT-BUTYL ETHE...	2.741	73	106406	10.43	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.724	61	47708	10.69	UG/L		99
27) 1,1-DICHLOROETHANE	3.143	63	65535	11.51	UG/L		97
28) VINYL ACETATE	3.215	43	926716	97.74	UG/L		96
29) DI ISOPROYL ETHER	3.237	45	124830	11.09	UG/L		93
31) 2-BUTANONE	3.784	43	194164	102.04	UG/L		93
32) T-BUTYL ETHYL ETHER	3.619	59	109627	10.97	UG/L		98
33) CIS-1,2-DICHLOROETHENE	3.739	61	55106	11.11	UG/L		98
34) 2,2-DICHLOROPROPANE	3.739	77	45371	10.32	UG/L		93
35) ETHYL ACETATE	3.851	43	39367	8.38	UG/L	#	96
38) BROMOCHLOROMETHANE	3.979	49	33528	12.24	UG/L		97
39) TETRAHYDROFURAN	4.052	42	13748	10.15	UG/L	#	89
40) CHLOROFORM	4.068	83	62507	11.40	UG/L		95
41) 1,1,1-TRICHLOROETHANE	4.244	97	48724	10.67	UG/L		95
42) CYCLOHEXANE	4.289	56	59529	11.64	UG/L		90
43) CARBON TETRACHLORIDE	4.403	117	40464	10.60	UG/L		98
44) 1,1-DICHLOROPROPENE	4.411	75	46539	11.77	UG/L		97
45) BENZENE	4.615	78	150664	12.51	UG/L		98
47) T-AMYLMETHYL ETHER	4.757	73	106160	11.20	UG/L		98
50) 1,2-DICHLOROETHANE	4.637	62	46859	9.96	UG/L		98
51) TRICHLOROETHENE	5.254	95	34112	11.20	UG/L		94
52) METHYLCYCLOHEXANE	5.438	83	41449	11.38	UG/L		94
53) 1,2-DICHLOROPROPANE	5.474	63	38998	11.57	UG/L	#	99

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31806.D
Acq On : 14 Nov 2023 11:30 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

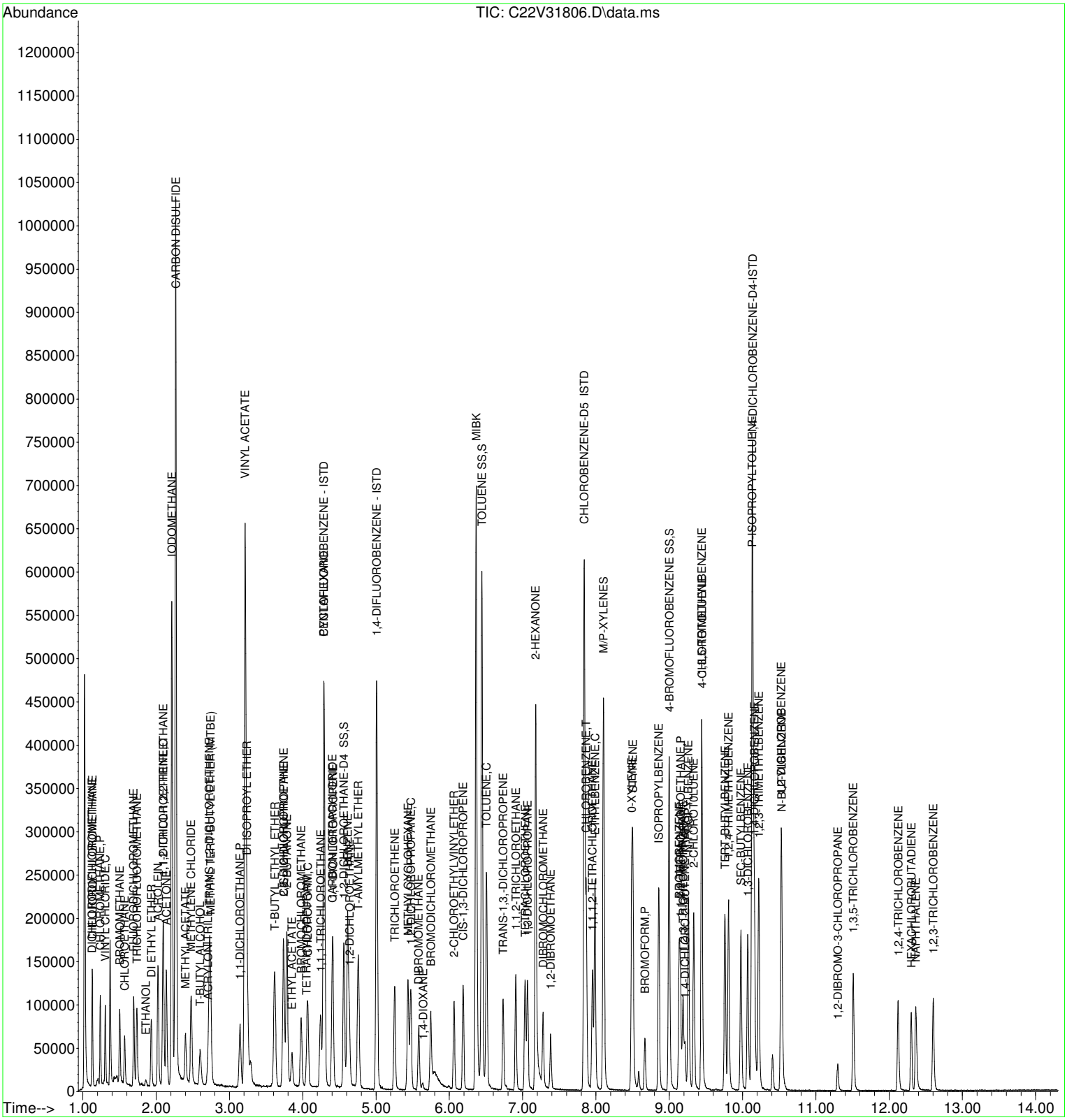
Quant Time: Nov 14 12:23:26 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	5.580	93	23780	10.82 UG/L	92
56) 1,4-DIOXANE	5.641	88	4294	82.45 UG/L #	58
57) BROMODICHLOROMETHANE	5.747	83	44868	10.35 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	6.062	63	36114	20.12 UG/L	84
59) MIBK	6.366	43	408358	90.23 UG/L	97
60) CIS-1,3-DICHLOROPROPENE	6.188	75	58953	11.31 UG/L	95
61) TOLUENE	6.506	91	151229	11.50 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	6.734	75	49022	10.92 UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.907	97	34469	11.20 UG/L	94
65) 2-HEXANONE	7.178	43	279932	89.45 UG/L	97
66) TETRACHLOROETHENE	7.035	166	33768	10.93 UG/L	97
67) 1,3-DICHLOROPROPANE	7.066	76	61917	11.31 UG/L	99
68) DIBROMOCHLOROMETHANE	7.278	129	36191	9.77 UG/L	98
69) 1,2-DIBROMOETHANE	7.381	107	35118	10.66 UG/L	100
72) CHLOROBENZENE	7.867	112	97870	11.37 UG/L	95
73) 1,1,1,2-TETRACHLOROETHANE	7.950	131	33239	10.41 UG/L	96
74) ETHYLBENZENE	7.986	91	152553	10.96 UG/L	96
75) M/P-XYLENES	8.104	91	238787	21.97 UG/L	98
76) 0-XYLENE	8.488	91	119907	10.48 UG/L	97
77) STYRENE	8.502	104	99708	10.85 UG/L	98
78) BROMOFORM	8.667	173	23825	8.33 UG/L #	99
79) ISOPROPYLBENZENE	8.856	105	137206	10.49 UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	9.152	83	50684	10.11 UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	9.213	53	9835	7.51 UG/L	89
83) BROMOBENZENE	9.135	77	62374	10.93 UG/L	93
84) 1,2,3-TRICHLOROPROPANE	9.188	75	52586	12.79 UG/L #	82
85) N-PROPYLBENZENE	9.261	91	158953	10.87 UG/L	98
86) 2-CHLOROT0LUENE	9.333	91	104205	10.93 UG/L	96
87) 1,3,5-TRIMETHYLBENZENE	9.442	105	113934	10.62 UG/L	98
88) 4-CHLOROTOLUENE	9.445	91	116414	10.74 UG/L	99
90) TERT-BUTYLBENZENE	9.760	119	87649	10.50 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	9.807	105	112236	10.94 UG/L	98
92) SEC-BUTYLBENZENE	9.978	105	125900	11.30 UG/L	97
93) 1,3-DICHLOROBENZENE	10.072	146	70345	11.35 UG/L	99
94) P-ISOPROPYLTOLUENE	10.128	119	106463	11.12 UG/L	99
95) 1,4-DICHLOROBENZENE	10.162	146	71333	10.80 UG/L	95
96) 1,2,3-TRIMETHYLBENZENE	10.223	105	125283	11.01 UG/L #	100
97) N-BUTYLBENZENE	10.535	91	93955	11.67 UG/L	93
98) 1,2-DICHLOROBENZENE	10.527	146	71936	11.41 UG/L	98
99) 1,2-DIBROMO-3-CHLOROPR...	11.299	75	7400	8.63 UG/L	89
100) 1,3,5-TRICHLOROBENZENE	11.508	180	43239	11.22 UG/L	100
101) 1,2,4-TRICHLOROBENZENE	12.122	180	33618	9.53 UG/L	99
102) HEXACHLOROBUTADIENE	12.303	225	17526	11.82 UG/L	95
103) NAPHTHALENE	12.365	128	84051	7.94 UG/L	98
104) 1,2,3-TRICHLOROBENZENE	12.602	180	35077	10.17 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\C111423\
Data File : C22V31806.D
Acq On : 14 Nov 2023 11:30 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 14 12:23:26 2023
Quant Method : C:\msdchem\1\methods\C080822.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Fri Apr 21 09:50:20 2023
Response via : Initial Calibration



VOC DEPARTMENT | PREPARATION BENCH SHEET

B357872

CON-TEST ANALYTICAL LABORATORY

Printed: 11/15/2023 12:23:58PM

Matrix: Water **Prepared using: VOC - SW-846 5030B** **Surrogate used: 23J0429**

Lab Number	Sample Name	Sample ID Verified (Signature)	Analysis	Due Date	TAT	Initial (mL)	Final (mL)	Spike ID	Source ID	uL Spike	Location	Extraction Comments
23K1148-01	MW-25S		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
23K1148-02	MW-26S		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
23K1148-03	MW-27S		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
23K1148-04	MW-23D		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
23K1148-05	DUP		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
23K1148-06	Trip Blank		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	Report to MDL-Cat B
B357872-BLK1	Blank		QC			5	5					
B357872-BS1	LCS		QC			5	5	23J0687		5		
B357872-BSD1	LCS Dup		QC			5	5	23J0687		5		
B357872-MS1	Matrix Spike		QC			5	5	23J0687	23K1148-04	5		
B357872-MSD1	Matrix Spike Dup		QC			5	5	23J0687	23K1148-04	5		

11/13/23 #2 1st

410

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

VOC DEPARTMENT | PREPARATION BENCH SHEET

B357980

CON-TEST ANALYTICAL LABORATORY **Printed: 11/15/2023 2:00:54PM**

Matrix: Water **Prepared using: VOC - SW-846 5030B** **Surrogate used: 23J0429**

Lab Number	Sample Name	Sample ID Verified (Signature)	Analysis	Due Date	TAT	Initial (mL)	Final (mL)	Spike ID	Source ID	uL Spike	Location	Extraction Comments
23K1148-01RE1	MW-25S		8260 ASP DEC TCL	12/11/23 14:00	20	5	5				Refrigerator 45-2V	RR x20 c12dce, pce
23K1332-04	Water-11062023		8260 ASP DEC TCL	11/20/23 14:00	7	5	5				Refrigerator 45-1A	
23K1495-01	MW-01D		8260 ASP DEC TCL	11/28/23 14:00	10	5	5				Walk in door 5 F	CAT B - Report to MDL
23K1495-02	PT-PZ-208		8260 ASP DEC TCL	11/28/23 14:00	10	5	5				Refrigerator 45-2Z	CAT B - Report to MDL
23K1498-01	MW-102D		8260 ASP DEC TCL	11/28/23 14:00	10	5	5				Refrigerator 45-2Z	CAT B - Report to MDL
23K1498-02	MW-05D		8260 ASP DEC TCL	11/28/23 14:00	10	5	5				Refrigerator 45-2Z	CAT B - Report to MDL
23K1498-03	MW-06D		8260 ASP DEC TCL	11/28/23 14:00	10	5	5				Refrigerator 45-2Z	CAT B - Report to MDL
23K1552-02	356023-MW-5B		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-03	356023-MW-11B		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-04	356023-MW-12B		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-06	356023-ERT-4		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-07	356023-ERT-1		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-08	356023-MW-5R		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-09	356023-MW-7R		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
23K1552-11	Trip Blank		8260 ASP DEC TCL	12/12/23 14:00	30	5	5				Refrigerator 45-1A	Cat B rpt to MDL
B357980-BLK1	Blank		QC			5	5					
B357980-BS1	LCS		QC			5	5	23J0687		5		
B357980-BSD1	LCS Dup		QC			5	5	23J0687		5		

11/14/23#3 1ST

411

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

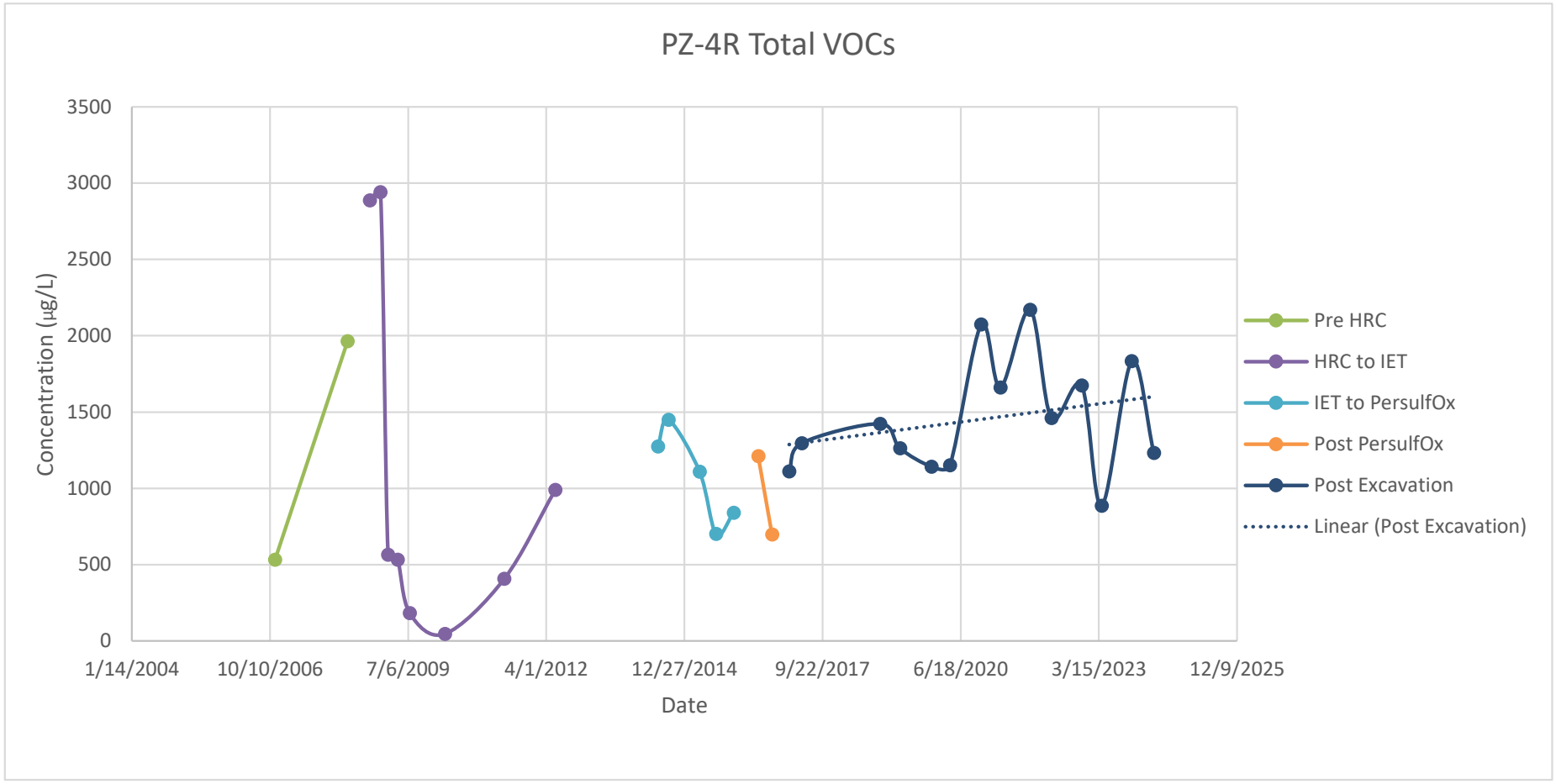
C:\msdchem\1\data\B111323\

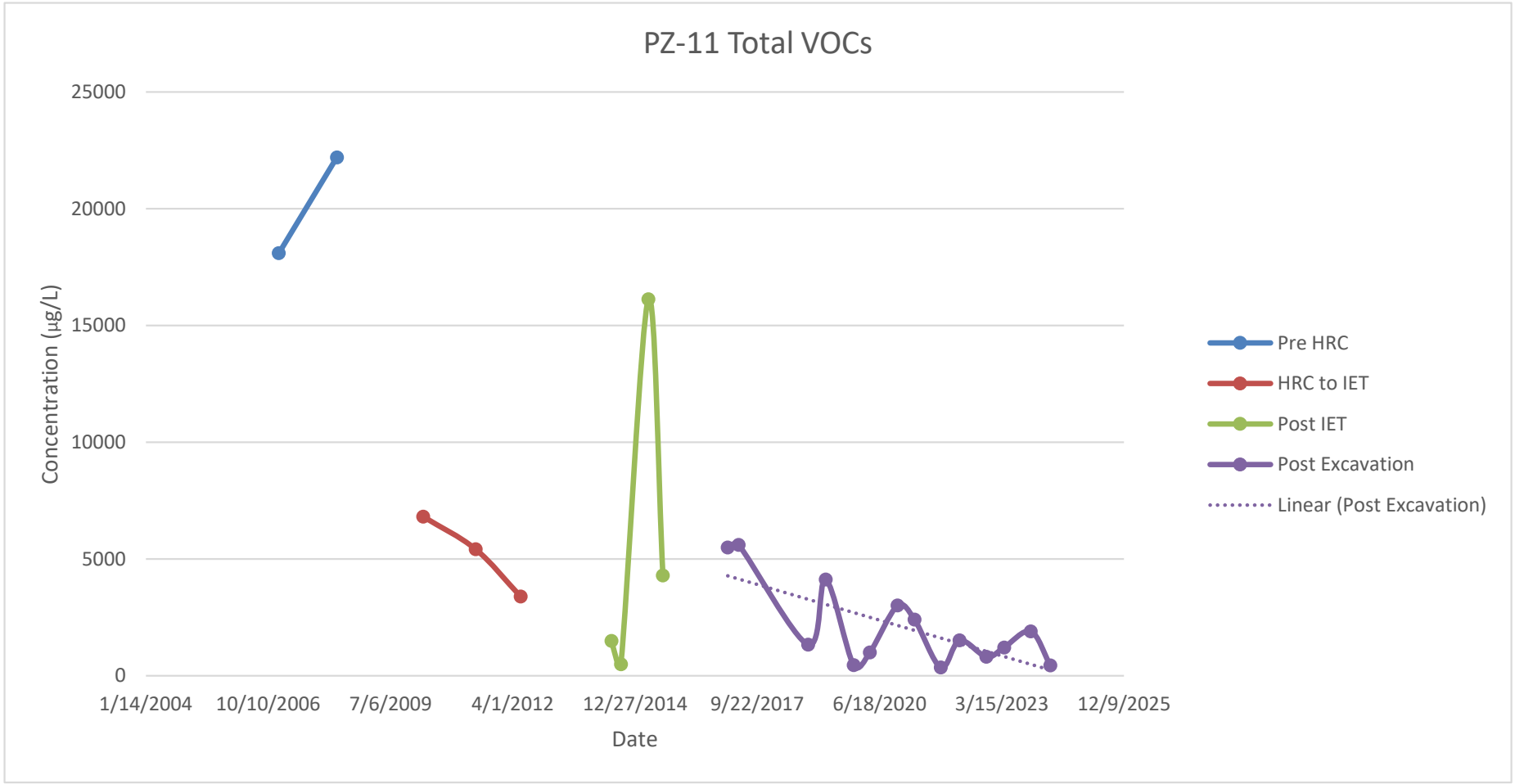
Date	Filename	Lab ID	Sample Info
13 Nov 2023 9:22 am	B23V31701.D	BLK	
13 Nov 2023 9:47 am	B23V31702.D	BFB / 82060 STD 10 PPB 23I0639	
13 Nov 2023 10:13 am	B23V31703.D	B0-BS1 @ (RCP)	
13 Nov 2023 10:39 am	B23V31704.D	B0-BSD1 @ (RCP)	
13 Nov 2023 11:05 am	B23V31705.D	BLK	
13 Nov 2023 11:31 am	B23V31706.D	B0-BLK1	pH<2
13 Nov 2023 11:57 am	B23V31707.D	23K1148-06	
13 Nov 2023 12:23 pm	B23V31708.D	23K1260-01	
13 Nov 2023 12:49 pm	B23V31709.D	23K1260-02	
13 Nov 2023 1:16 pm	B23V31710.D	23K1260-03	
13 Nov 2023 1:42 pm	B23V31711.D	23K1148-03	
13 Nov 2023 2:08 pm	B23V31712.D	23K1148-04	
13 Nov 2023 2:34 pm	B23V31713.D	23K1148-01	
13 Nov 2023 3:00 pm	B23V31714.D	23K1148-02 @ 10X	
13 Nov 2023 3:26 pm	B23V31715.D	23K1148-05 @ 10X	
13 Nov 2023 3:52 pm	B23V31716.D	BLK	
13 Nov 2023 4:18 pm	B23V31717.D	23K1423-01	
13 Nov 2023 4:44 pm	B23V31718.D	23K1426-01	
13 Nov 2023 5:10 pm	B23V31719.D	23K1423-02	
13 Nov 2023 5:36 pm	B23V31720.D	23K1423-03	
13 Nov 2023 6:02 pm	B23V31721.D	23K1423-04	
13 Nov 2023 6:28 pm	B23V31722.D	23K1423-05	
13 Nov 2023 6:54 pm	B23V31723.D	23K1423-06	
13 Nov 2023 7:20 pm	B23V31724.D	23K1423-07	
13 Nov 2023 7:46 pm	B23V31725.D	23K1148-04MS1	
13 Nov 2023 8:12 pm	B23V31726.D	23K1148-04MSD1	
13 Nov 2023 8:38 pm	B23V31727.D	CLEAN UP	
13 Nov 2023 9:04 pm	B23V31728.D	BFB / 8260STD 10PPB 230I639	
13 Nov 2023 9:31 pm	B23V31729.D	B0-BS1	
13 Nov 2023 9:57 pm	B23V31730.D	B0-BSD1	
13 Nov 2023 10:23 pm	B23V31731.D	BLK	
13 Nov 2023 10:49 pm	B23V31732.D	B0-BLK1	
13 Nov 2023 11:15 pm	B23V31733.D	23K0533-01	
13 Nov 2023 11:41 pm	B23V31734.D	23K1637-01	
14 Nov 2023 12:07 am	B23V31735.D	23K1297-06	
14 Nov 2023 12:33 am	B23V31736.D	23K1297-01	
14 Nov 2023 12:59 am	B23V31737.D	23K1297-02	
14 Nov 2023 1:25 am	B23V31738.D	23K1297-04	
14 Nov 2023 1:51 am	B23V31739.D	23K1297-05	
14 Nov 2023 2:17 am	B23V31740.D	23K1297-03 @ 10X	
14 Nov 2023 2:43 am	B23V31741.D	23K1176-12RE1 @ 25X	
14 Nov 2023 3:09 am	B23V31742.D	23K1176-10RE1 @ 50X	
14 Nov 2023 3:35 am	B23V31743.D	23K0533-01MS1	
14 Nov 2023 4:01 am	B23V31744.D	23K0533-01MSD1	

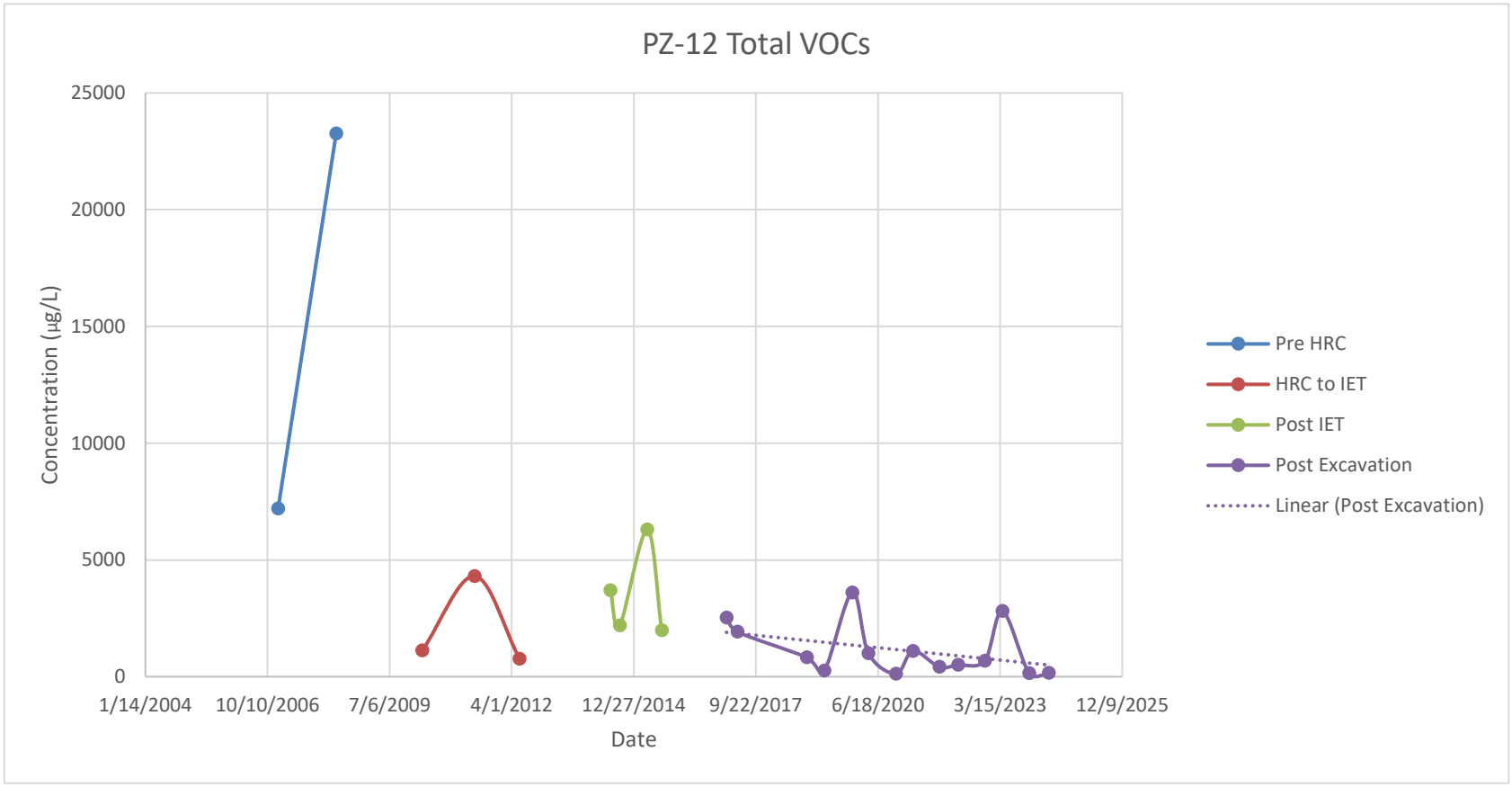
C:\msdchem\1\data\C111423\

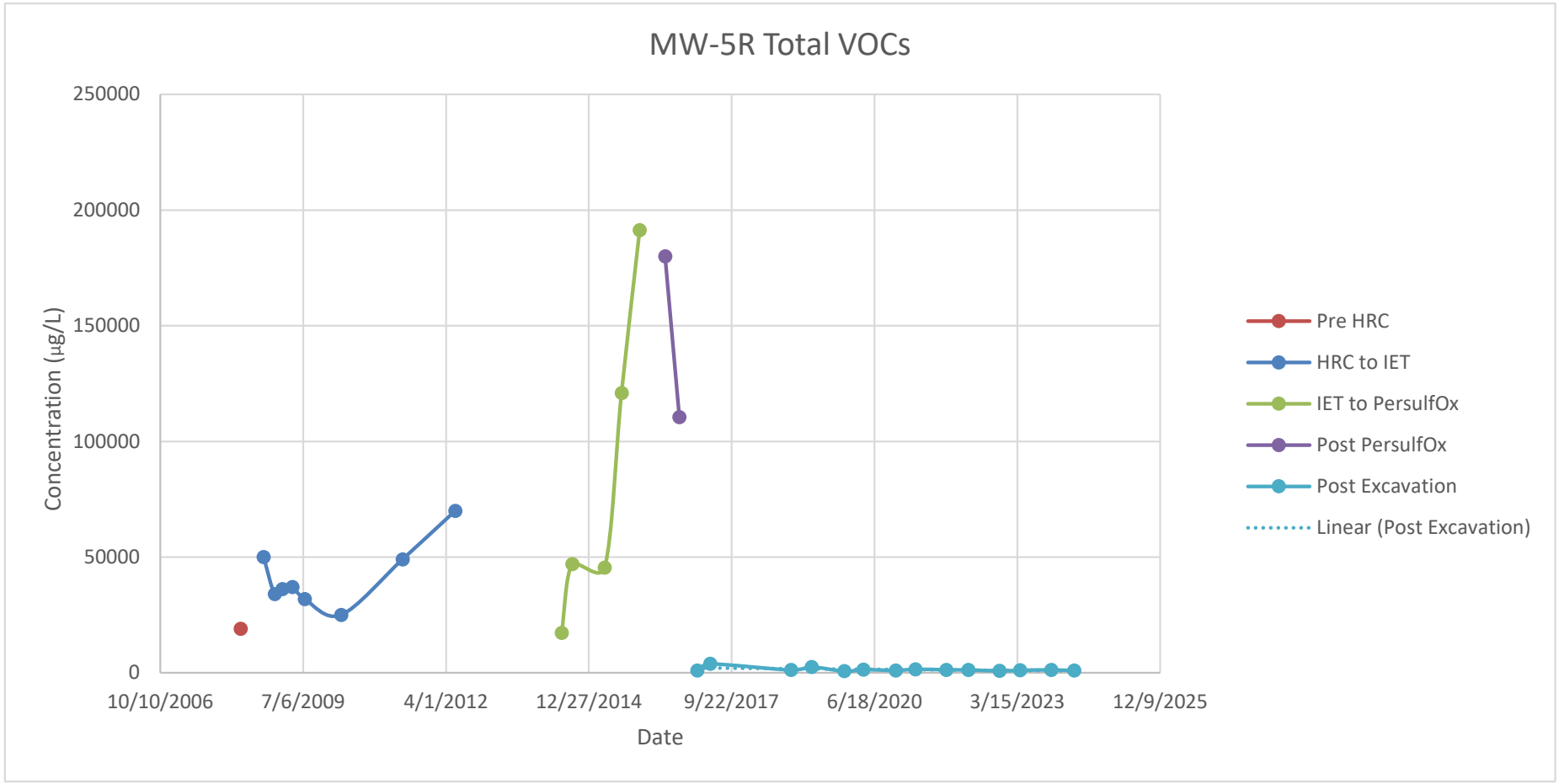
Date	Filename	Lab ID	Sample Info	
14 Nov 2023 9:17 am	C22V31801.D	BLK		
14 Nov 2023 9:44 am	C22V31802.D	PRIME		
14 Nov 2023 10:10 am	C22V31803.D	CHK		
14 Nov 2023 10:37 am	C22V31804.D	BFB/8260 STD 10PPB 23I0640		
14 Nov 2023 11:04 am	C22V31805.D	B0-BS1		pH<2
14 Nov 2023 11:30 am	C22V31806.D	B0-BSD1		
14 Nov 2023 11:57 am	C22V31807.D	BLK		
14 Nov 2023 12:24 pm	C22V31808.D	BLK		
14 Nov 2023 12:51 pm	C22V31809.D	B0-BLK1		
14 Nov 2023 1:17 pm	C22V31810.D	23K1552-11		
14 Nov 2023 1:44 pm	C22V31811.D	23K1632-09		
14 Nov 2023 2:11 pm	C22V31812.D	23K1632-10		
14 Nov 2023 2:37 pm	C22V31813.D	23K1632-11		
14 Nov 2023 3:04 pm	C22V31814.D	23K1632-12		
14 Nov 2023 3:31 pm	C22V31815.D	23K1632-13		
14 Nov 2023 3:58 pm	C22V31816.D	23K1632-14		
14 Nov 2023 4:24 pm	C22V31817.D	23K1495-01		
14 Nov 2023 4:51 pm	C22V31818.D	23K1495-02		
14 Nov 2023 5:18 pm	C22V31819.D	23K1552-03		
14 Nov 2023 5:45 pm	C22V31820.D	23K1552-04		
14 Nov 2023 6:11 pm	C22V31821.D	23K1552-07		
14 Nov 2023 6:38 pm	C22V31822.D	23K1552-08		
14 Nov 2023 7:05 pm	C22V31823.D	23K1552-09		
14 Nov 2023 7:31 pm	C22V31824.D	23K1552-02 @ 5X	5	
14 Nov 2023 7:58 pm	C22V31825.D	23K1552-06 @ 10X	10	
14 Nov 2023 8:25 pm	C22V31826.D	23K1148-01RE1 @ 20X	20	
14 Nov 2023 8:51 pm	C22V31827.D	23K1332-04		
14 Nov 2023 9:18 pm	C22V31828.D	23K1498-03		
14 Nov 2023 9:45 pm	C22V31829.D	23K1498-01 @ 50X	50	
14 Nov 2023 10:12 pm	C22V31830.D	23K1498-02 @ 5X	5	

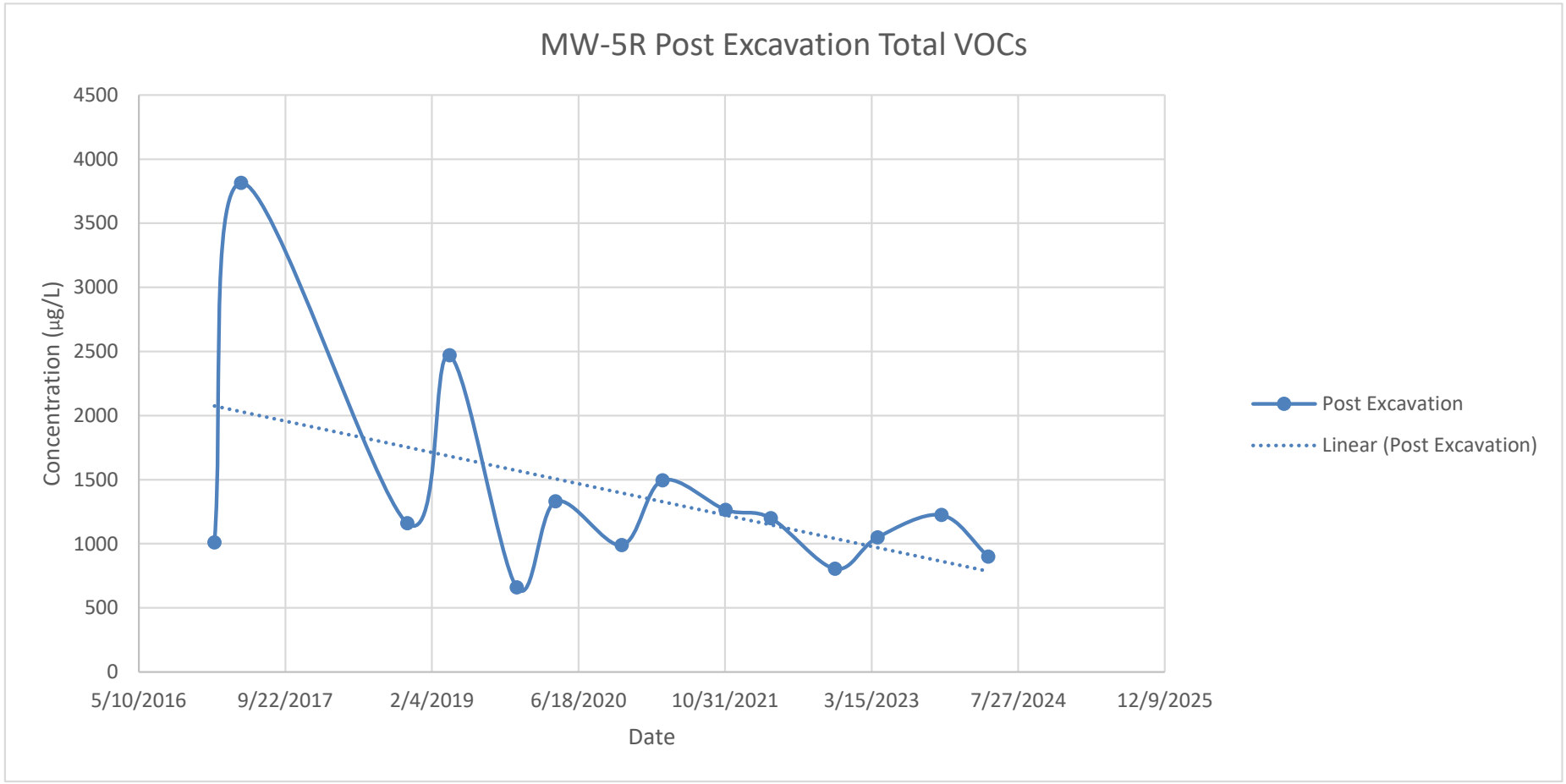
Appendix E – Remaining Contamination Trend Charts

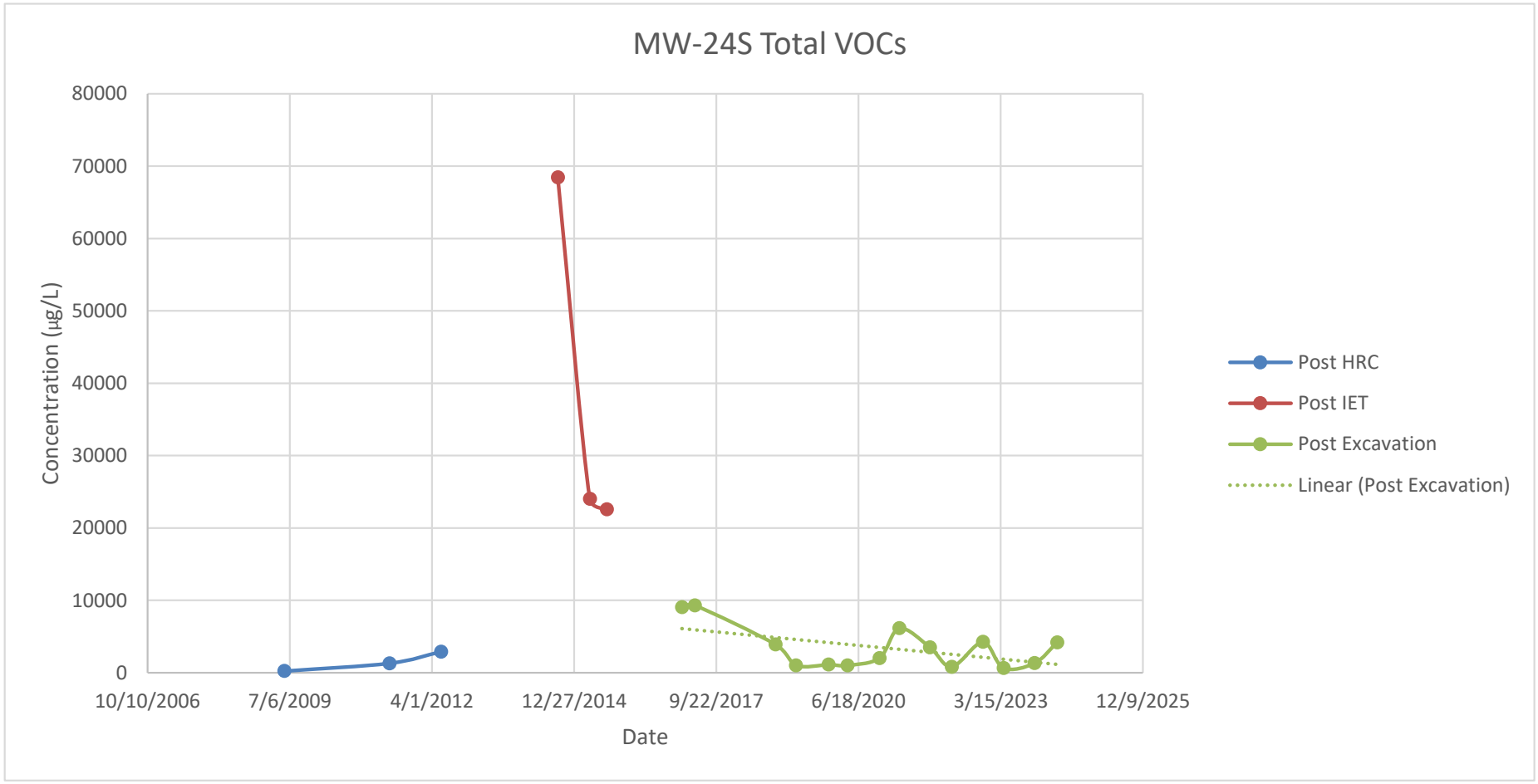

PZ-4R Total VOCs
Concentration (µg/L)
3500
3000
2500
2000
1500
1000
500
0
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023
12/9/2025
Date
Pre HRC
HRC to IET
IET to PersulfOx
Post PersulfOx
Post Excavation
Linear (Post Excavation)

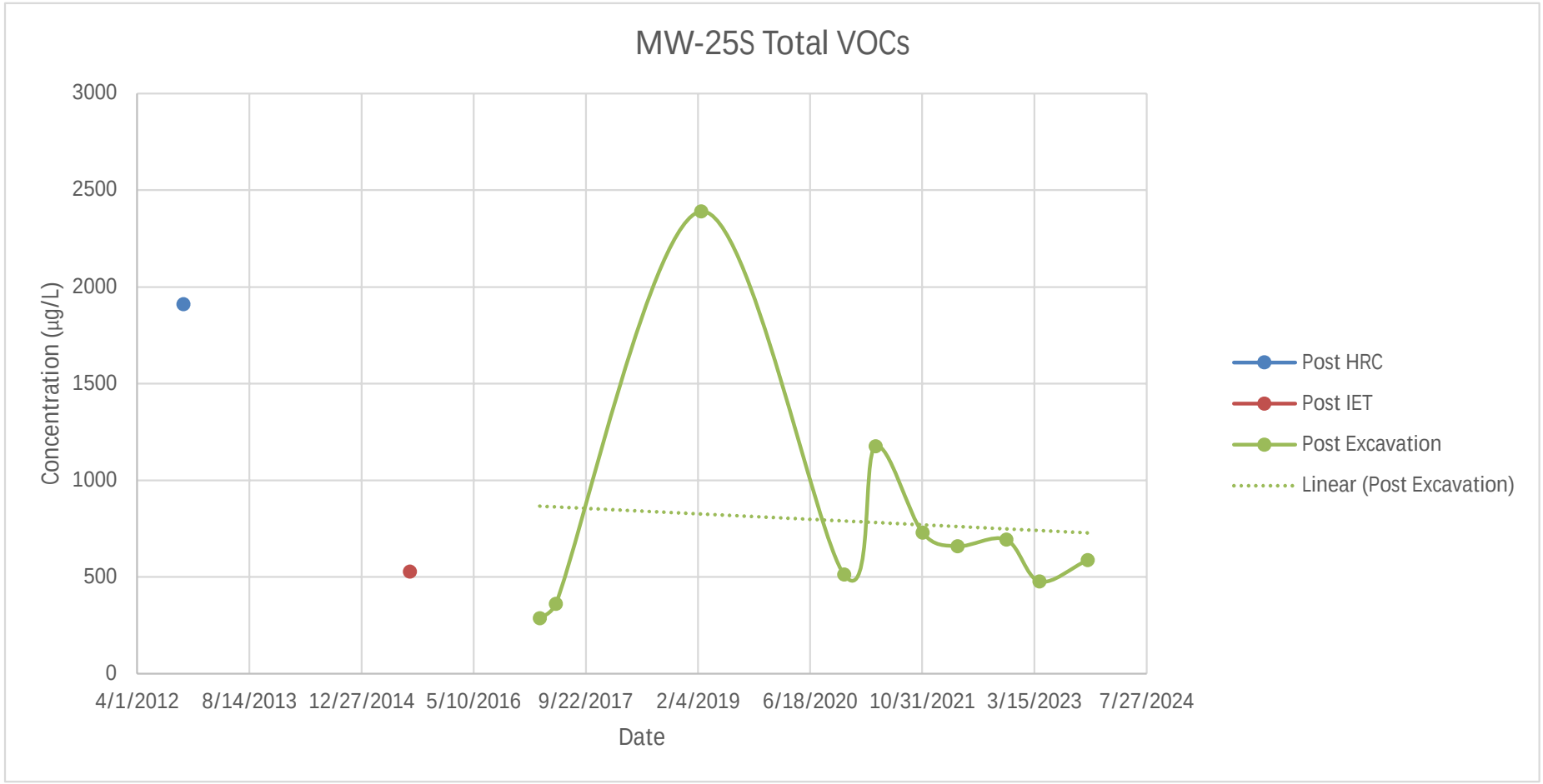

PZ-11 Total VOCs
25000
20000
15000
10000
5000
0
Concentration (µg/L)
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023
12/9/2025
Date
Pre HRC
HRC to IET
Post IET
Post Excavation
Linear (Post Excavation)

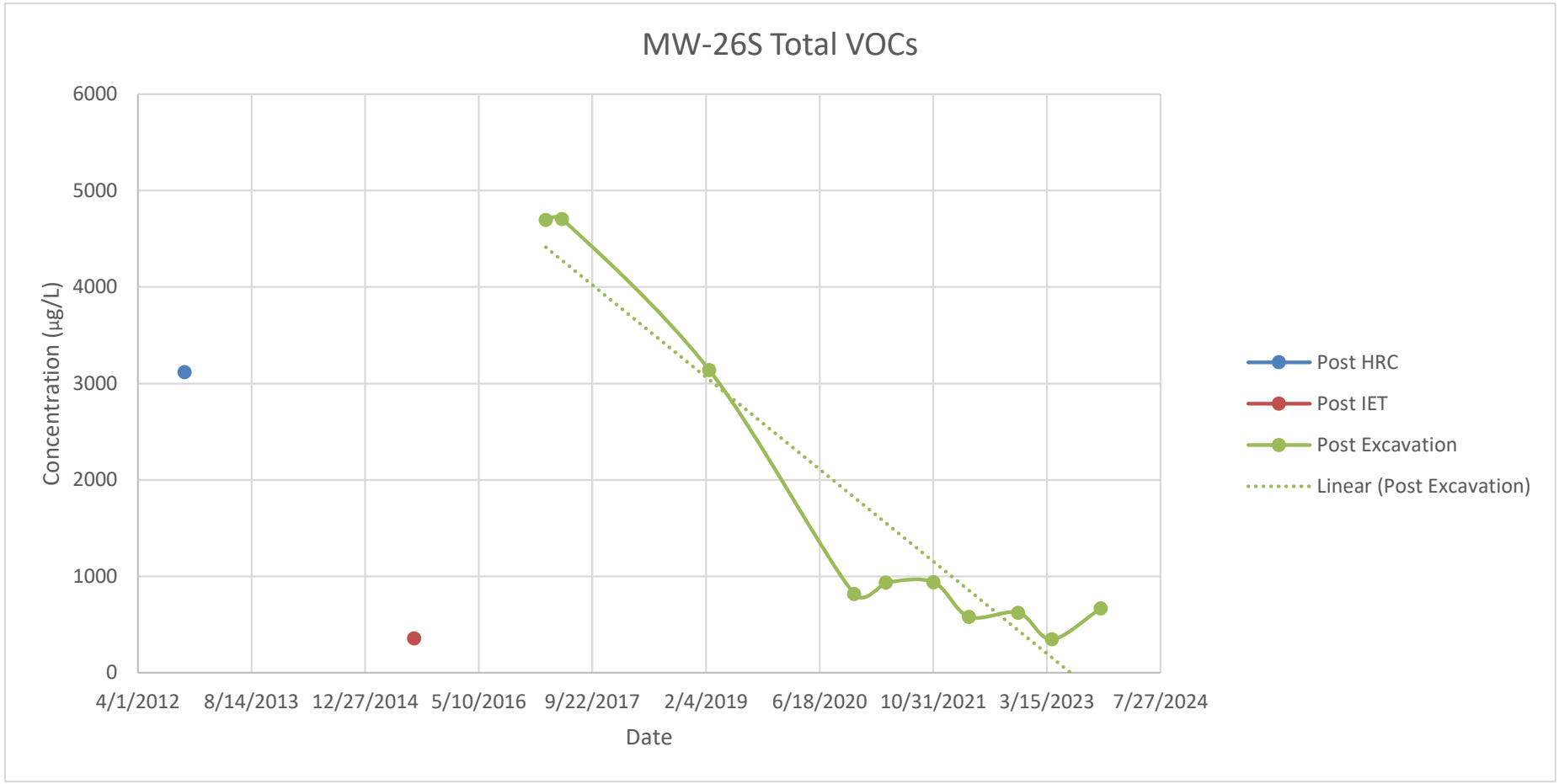

PZ-12 Total VOCs
25000
20000
15000
10000
5000
0
Concentration (µg/L)
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023
12/9/2025
Date
Pre HRC
HRC to IET
Post IET
Post Excavation
Linear (Post Excavation)


MW-5R Total VOCs
250000
200000
150000
100000
50000
0
Concentration (µg/L)
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023
12/9/2025
Date
Pre HRC
HRC to IET
IET to PersulfOx
Post PersulfOx
Post Excavation
Linear (Post Excavation)


MW-5R Post Excavation Total VOCs
Concentration (µg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
3/15/2023
7/27/2024
12/9/2025
Date
Post Excavation
Linear (Post Excavation)


MW-24S Total VOCs
80000
70000
60000
50000
40000
30000
20000
10000
0
Concentration (µg/L)
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
6/18/2020
3/15/2023
12/9/2025
Date
Post HRC
Post IET
Post Excavation
Linear (Post Excavation)


MW-25S Total VOCs
Concentration (µg/L)
3000
2500
2000
1500
1000
500
0
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
3/15/2023
7/27/2024
Date
Post HRC
Post IET
Post Excavation
Linear (Post Excavation)


MW-26S Total VOCs
Concentration (µg/L)
6000
5000
4000
3000
2000
1000
0
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
3/15/2023
7/27/2024
Date
Post HRC
Post IET
Post Excavation
Linear (Post Excavation)

Appendix F - DUSRs

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

December 21, 2023

Charlotte Clark
Benchmark Civil/Environmental Engineering and Geology, PLLC
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: Validation of 275 Franklin Street Analytical Data
Data Usability Summary Report (DUSR)
Alpha Analytical SDG No. L2366755

Dear Ms. Clark:

Review has been completed for the data package generated by Alpha Analytical that pertains to samples collected 11/08/23 at the 275 Franklin Steet site. Eleven aqueous samples, a field duplicate, and a trip blank were processed for TCL and 6 NYCRR Part 375 CP-51 volatiles by USEPA Method 8260D.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents and the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate/Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Method/Preparation Blanks
* Laboratory Control Sample (LCS)
* Instrumental Tunes

* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data package.

In summary, the results for the samples are usable either as reported or with minor qualification, with the exception that the results for 1,4-dioxane are rejected and not usable due to limitations of the methodology.

Data completeness, accuracy, precision, representativeness, reproducibility, and comparability are acceptable.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report is the laboratory EDD with recommended qualifiers/edits applied in red.

Chain-of- Custody

A discrepancy between custody form and container label entries was resolved at sample receipt.

Blind Field Duplicates

The blind field duplicate correlations for PZ-13 are within validation guidelines.

TCL and CP-51 Volatile Analyses by EPA 8260D

The results for 1,4-dioxane in the samples are rejected due to low response inherent in the methodology. Other calibration standards show responses within validation action levels, with the exception of the following, results for which are qualified as estimated in the indicated associated samples: bromomethane and 1,1-dichloroethene (42%D and 26%D) in all samples and trip blank.

The result for tetrachloroethene in MW-24S is qualified as estimated due to inconsistent results in the dilution analyses.

Holding times were met. Surrogate and internal standard recoveries are within validation guidelines. LCS recoveries are compliant and blanks show no contamination.

The detected results for chloroethane and vinyl chloride in PZ-13 are qualified as estimated due to low recoveries (140% to 180%) in the associated LCSs.

Matrix spike evaluations of PZ-14 show recoveries and correlations within validation guidelines.

Certain of the samples were processed at initial dilution due to target analyte concentrations. Reporting limits are proportionally elevated.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,



Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: 275 FRANKLIN STREET SITE
Project Number: 0156-022-001

Lab Number: L2366755
Report Date: 11/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2366755-01	MW-5R	WATER	BUFFALO,NY	11/08/23 09:50	11/09/23
L2366755-02	MW-23S	WATER	BUFFALO,NY	11/08/23 13:30	11/09/23
L2366755-03	MW-24S	WATER	BUFFALO,NY	11/08/23 10:50	11/09/23
L2366755-04	MW-24D	WATER	BUFFALO,NY	11/08/23 12:15	11/09/23
L2366755-05	PZ-4R	WATER	BUFFALO,NY	11/08/23 11:10	11/09/23
L2366755-06	PZ-5	WATER	BUFFALO,NY	11/08/23 12:20	11/09/23
L2366755-07	PZ-6	WATER	BUFFALO,NY	11/08/23 13:00	11/09/23
L2366755-08	PZ-11	WATER	BUFFALO,NY	11/08/23 11:35	11/09/23
L2366755-09	PZ-12	WATER	BUFFALO,NY	11/08/23 12:00	11/09/23
L2366755-10	PZ-13	WATER	BUFFALO,NY	11/08/23 09:50	11/09/23
L2366755-11	PZ-14	WATER	BUFFALO,NY	11/08/23 10:30	11/09/23
L2366755-12	BLIND DUP	WATER	BUFFALO,NY	11/08/23 08:00	11/09/23
L2366755-13	TRIP BLANK	WATER	BUFFALO,NY	11/08/23 00:00	11/09/23

Project: NYSDEC 275 Franklin Street #C915208A
Groundwater Sampling
Laboratory: Con-Test
Work Order No: 23K1148
Fraction: Organic
Matrix: Groundwater
Report Date: 12/24/2023

This data usability summary report is based upon a review of analytical data generated for groundwater samples. New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP) Category B format data packages were provided by the laboratory.

The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample was analyzed for volatile organic compounds. The sample analyses were performed in accordance with the procedures referenced at the end of this report.

All sample analyses have undergone an analytical validation review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in USEPA Region II "Hazardous Waste Support Section, SOM02.2 Low/Medium Volatile Data Validation", SOP HW-33A, Revision 1, September 2016. Region II references this guidance for validation requirements. The quality control requirements specified in the analysis method and associated acceptance criteria were also used to evaluate the data. The following parameters were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation/Sample Receipt
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Summaries of Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Fortified Blank Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:



Shawne M. Rodgers
President
December 24, 2023

1.0 DATA COMPLETENESS

The data deliverables provided by the laboratory were New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP) Category B format.

A completeness review of the data package revealed no missing items or issues.

2.0 CHAIN OF CUSTODY DOCUMENTATION/SAMPLE RECEIPT

The chain of custody was complete. No problems were noted at sample receipt.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

4.0 INSTRUMENT PERFORMANCE

All criteria were met. No qualifiers were applied.

5.0 INITIAL AND CONTINUING CALIBRATIONS

The continuing calibration precision criterion (the percent difference between initial and continuing RRFs $\leq$ 20 percent) was exceeded for the following continuing calibration standards. This indicates a lack of instrument stability for these compounds. The nondetect results for these compounds have been marked "UJ" to indicate that they are quantitative estimates.

Calibration Standard	Analyte	%Difference	Associated Samples
S096328-CCV1 (File ID B23V31702.D)	Trichlorofluoromethane	21.8	All Samples

6.0 LABORATORY AND FIELD BLANK ANALYSIS RESULTS

The following compounds were detected in associated laboratory method and/or field blanks.

Blank	Compound	Concentration (µg/L)	Associated Samples
TRIP BLANK (Trip Blank)	Acetone	5.0 J	All Samples

The blank result was less than the RL. The positive results reported for acetone for samples MW-25S and MW-27S were also less than the RL and require qualification. The possibility of false positives exists for these samples. The sample results are considered to be nondetect at the RL. The results for the samples have been replaced with the RL and marked "U".

7.0 SURROGATE COMPOUNDS

All criteria were met. No qualifiers were applied.

8.0 SUMMARIES OF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

9.0 FIELD DUPLICATE RESULTS

Duplicate samples MW-26S and DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for the duplicate samples are presented in Table 2.

10.0 LABORATORY FORTIFIED BLANK RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

All criteria were met. No qualifiers were applied.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

Sample MW-25S was re-analyzed at a 20-fold dilution for volatile organic compounds. The reanalysis was performed because the responses for cis-1, 2-dichloroethene and tetrachloroethene exceeded the linear range of the GC/MS instrument for the initial analysis. The affected result was reported from the dilution analysis. All other results have been reported from the initial analysis.

The following samples were analyzed at dilutions for volatile organic compounds. The dilution analyses were performed because of the suspected presence of elevated levels of target compounds and/or interferences. Reporting limits (RLs) are elevated by the dilution factor for the samples for target compounds that were not detected. The elevated RLs should be noted when assessing the data for the samples.

Sample	Dilution Factor
DUP	10.0
MW-26S	10.0

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective RLs, have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates I, II, IIA, IIB, III, IIIA, IIIB, IVA and IVB, and V, October 2013

Table 1 Data Usability Summary Report
NYSDEC 275 Franklin Street #C915208A
Groundwater Sampling
Con-Test Work Order Number 23K1148

				Analyses Performed
Sample ID	Lab ID	Collection Date	Matrix	SW8260C
MW-25S	23K1148-1	11/7/2023	Groundwater	X
MW-26S	23K1148-2	11/7/2023	Groundwater	X
MW-27S	23K1148-3	11/7/2023	Groundwater	X
MW-23D	23K1148-4	11/7/2023	Groundwater	X
DUP	23K1148-5	11/7/2023	Groundwater	X
TRIP BLANK	23K1148-6	11/7/2023	Trip Blank	X

Table 2 Field Duplicate Sample Results for Organic Analyses
Groundwater Samples MW-26S and DUP

	Analyte	MW-26S Result, µg/L	DUP Result, µg/L	RPD
VOC				
	cis-1,2-Dichloroethene	43	41	5
	Tetrachloroethene	610	610	0
	Trichloroethene	13	14	7

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-25S | Sampled: 11/7/2023 09:20

Sample ID: 23K1148-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone 50	~~3.4~~	50	2.0	µg/L	1	~~J~~ U	SW-846 8260D	11/12/23	11/13/23 14:34	MFF TBL
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloroform	0.67	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1-Dichloroethylene	0.44	1.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
cis-1,2-Dichloroethylene	260	20	2.8	µg/L	20		SW-846 8260D	11/12/23	11/14/23 20:25	MFF
trans-1,2-Dichloroethylene	2.4	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Tetrachloroethylene	240	20	3.4	µg/L	20		SW-846 8260D	11/12/23	11/14/23 20:25	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-25S Sampled: 11/7/2023 09:20

Sample ID: 23K1148-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Trichloroethylene	34	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	CCH	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Vinyl Chloride	0.59	2.0	0.24	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:34	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		11/13/23 14:34
1,2-Dichloroethane-d4	107	70-130		11/14/23 20:25
Toluene-d8	101	70-130		11/13/23 14:34
Toluene-d8	100	70-130		11/14/23 20:25
4-Bromofluorobenzene	96.9	70-130		11/13/23 14:34
4-Bromofluorobenzene	86.5	70-130		11/14/23 20:25

SMM 12/26/2023

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-26S Sampled: 11/7/2023 10:20

Sample ID: 23K1148-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	20	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Benzene	ND	10	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromochloromethane	ND	10	2.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromodichloromethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromoform	ND	10	4.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Bromomethane	ND	20	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
2-Butanone (MEK)	ND	200	17	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Carbon Disulfide	ND	50	16	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Carbon Tetrachloride	ND	50	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chlorobenzene	ND	10	1.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chlorodibromomethane	ND	5.0	2.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloroethane	ND	20	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloroform	ND	20	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Chloromethane	ND	20	5.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Cyclohexane	ND	50	18	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	8.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dibromoethane (EDB)	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,3-Dichlorobenzene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,4-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1-Dichloroethane	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichloroethane	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1-Dichloroethylene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
cis-1,2-Dichloroethylene	43	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2-Dichloropropane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
cis-1,3-Dichloropropene	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
trans-1,3-Dichloropropene	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,4-Dioxane	ND	500	180	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Ethylbenzene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
2-Hexanone (MBK)	ND	100	12	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Isopropylbenzene (Cumene)	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl Acetate	ND	10	6.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methyl Cyclohexane	ND	10	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Methylene Chloride	ND	50	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Styrene	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Tetrachloroethylene	610	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Toluene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2,3-Trichlorobenzene	ND	50	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,2,4-Trichlorobenzene	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-26S | Sampled: 11/7/2023 10:20

Sample ID: 23K1148-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2-Trichloroethane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Trichloroethylene	13	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Trichlorofluoromethane (Freon 11)	ND	20	1.5	µg/L	10	CCH	SW-846 8260D	11/12/23	11/13/23 15:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Vinyl Chloride	ND	20	2.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF
Xylenes (total)	ND	10	10	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		11/13/23 15:00
Toluene-d8	100	70-130		11/13/23 15:00
4-Bromofluorobenzene	97.4	70-130		11/13/23 15:00

SMK 12/24/2023

con-test®
A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-27S Sampled: 11/7/2023 11:25

Sample ID: 23K1148-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.8	50	2.0	µg/L	1	J U	SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloroform	1.9	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Tetrachloroethylene	5.1	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-27S | Sampled: 11/7/2023 11:25

Sample ID: 23K1148-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	CCH	SW-846 8260D	11/12/23	11/13/23 13:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 13:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		11/13/23 13:42
Toluene-d8	100	70-130		11/13/23 13:42
4-Bromofluorobenzene	97.5	70-130		11/13/23 13:42

SMK 12/14/2023

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-23D | Sampled: 11/7/2023 13:10

Sample ID: 23K1148-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloroform	0.34	2.0	0.14	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Tetrachloroethylene	0.47	1.0	0.17	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: MW-23D Sampled: 11/7/2023 13:10

Sample ID: 23K1148-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	CCH	SW-846 8260D	11/12/23	11/13/23 14:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 14:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		11/13/23 14:08
Toluene-d8	99.4	70-130		11/13/23 14:08
4-Bromofluorobenzene	97.5	70-130		11/13/23 14:08

SMK 12/14/2023

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: DUP | Sampled: 11/7/2023 00:00

Sample ID: 23K1148-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	20	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Benzene	ND	10	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromochloromethane	ND	10	2.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromodichloromethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromoform	ND	10	4.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Bromomethane	ND	20	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
2-Butanone (MEK)	ND	200	17	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Carbon Disulfide	ND	50	16	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Carbon Tetrachloride	ND	50	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chlorobenzene	ND	10	1.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chlorodibromomethane	ND	5.0	2.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloroethane	ND	20	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloroform	ND	20	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Chloromethane	ND	20	5.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Cyclohexane	ND	50	18	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	8.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dibromoethane (EDB)	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,3-Dichlorobenzene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,4-Dichlorobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1-Dichloroethane	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichloroethane	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1-Dichloroethylene	ND	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
cis-1,2-Dichloroethylene	41	10	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2-Dichloropropane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
cis-1,3-Dichloropropene	ND	5.0	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
trans-1,3-Dichloropropene	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,4-Dioxane	ND	500	180	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Ethylbenzene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
2-Hexanone (MBK)	ND	100	12	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Isopropylbenzene (Cumene)	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl Acetate	ND	10	6.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methyl Cyclohexane	ND	10	1.6	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Methylene Chloride	ND	50	1.8	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	13	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Styrene	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Tetrachloroethylene	610	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Toluene	ND	10	2.2	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2,3-Trichlorobenzene	ND	50	3.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,2,4-Trichlorobenzene	ND	10	3.0	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY | Sample Description: | Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: DUP | Sampled: 11/7/2023 00:00

Sample ID: 23K1148-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2-Trichloroethane	ND	10	1.9	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Trichloroethylene	14	10	1.7	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Trichlorofluoromethane (Freon 11)	ND	20	1.5	µg/L	10	CCH	SW-846 8260D	11/12/23	11/13/23 15:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.1	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Vinyl Chloride	ND	20	2.4	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF
Xylenes (total)	ND	10	10	µg/L	10		SW-846 8260D	11/12/23	11/13/23 15:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	106	70-130		11/13/23 15:26	
Toluene-d8	100	70-130		11/13/23 15:26	
4-Bromofluorobenzene	96.1	70-130		11/13/23 15:26	

12/14/2023

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: Trip Blank Sampled: 11/7/2023 00:00

Sample ID: 23K1148-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.0	50	2.0	µg/L	1	J	SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 250 Franklin St, Buffalo, NY Sample Description: Work Order: 23K1148

Date Received: 11/9/2023

Field Sample #: Trip Blank Sampled: 11/7/2023 00:00

Sample ID: 23K1148-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/12/23	11/13/23 11:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		11/13/23 11:57
Toluene-d8	99.2	70-130		11/13/23 11:57
4-Bromofluorobenzene	97.0	70-130		11/13/23 11:57

12/24/2023

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Buffalo Development Corporation
Alpha Analytical SDG#L2420931
May 18, 2024
Sampling date: 4/16/2024

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Inventum Engineering, Buffalo Development Corporation project located at 275 Franklin St. and 432 Pearl St., Buffalo, NY, Alpha Analytical #L2420931 submitted to Vali-Data of WNY, LLC on May 9, 2024. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using the USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	PZ-4R-04162024	L2420931-01
2	MW-5R-04162024	L2420931-02
3	PZ-5-04162024	L2420931-03
4	PZ-6-04162024	L2420931-04
5	PZ-11-04162024	L2420931-05
6	PZ-12-04162024	L2420931-06
7	PZ-13-04162024	L2420931-07
8	PZ-14-04162024	L2420931-08
9	MW-24S-04162024	L2420931-09
10	MW-24D-04162024	L2420931-10
11	MW-23S-04162024	L2420931-11
12	MW-99-04162024	L2420931-12
13	TRIP BLANK	L2420931-13

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

Samples: DUSR ID#1-3 and #-8-12 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG1912057	Bromomethane	28	30	UJ/J	1-4, 6-13

MS/MSD
All criteria were met except a target analyte was outside QC limits in the matrix spikes and

should be qualified as estimated.

Target Analyte	%Rec #2MS	%Rec #2MSD	RPD	Qualifier	Associated Sample
Bromomethane	28	35	24	UJ	2, 12

The %Rec of a target analyte was outside QC limits, high in the matrix spikes but was not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except a couple of target analytes were outside QC limits in the initial calibrations (ICal) and/or the initial calibration verifications (ICV) and should be qualified as estimated in the associated samples blanks and spikes.

Calibration ID	Target analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV VOA105	1,4-Dioxane	RRF	UJ/J	WG1912280, 5
ICal/ICV VOA105	1,1,2-Trichloroethane	RRF	UJ/J	WG1912280, 5
ICal VOA105	Carbon Disulfide	29.8	UJ/J	WG1912280, 5
ICal/ICV VOA122	1,4-Dioxane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	1,1,2-Trichloroethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	Bromodichloromethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	cis-1,2-Dichloroethene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	Bromochloromethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	Trichloroethene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	cis-1,3-Dichloropropene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	Chlorodibromomethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	1,2-Dibromoethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	4-Methyl-2-pentanone	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	trans-1,3-Dichloropropene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD

Calibration ID	Target analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV VOA122	1,2,3-Trichlorobenzene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICal/ICV VOA122	1,2,4-Trichlorobenzene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
ICV VOA122	1,1,2,2-Tetrachloroethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except some target analytes were outside QC limits in the continuing calibration and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target analyte	RRF/%D	Qualifier	Associated Sample
WG1912057-2	Bromomethane	71.4	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	Cyclohexane	-25.3	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	1,4-Dioxane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	1,1,2-Trichloroethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	Bromodichloromethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	cis-1,2-Dichloroethene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	Bromochloromethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	Trichloroethene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	cis-1,3-Dichloropropene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	Chlorodibromomethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	1,2-Dibromoethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	4-Methyl-2-pentanone	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	trans-1,3-Dichloropropene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	1,2,3-Trichlorobenzene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD

CCal ID	Target analyte	RRF/%D	Qualifier	Associated Sample
WG1912057-2	1,2,4-Trichlorobenzene	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912057-2	1,1,2,2-Tetrachloroethane	RRF	UJ/J	WG1912057, 1-4, 6-13, 2MS/MSD
WG1912280-2	1,4-Dioxane	RRF	UJ/J	WG1912280, 5
WG1912280-2	1,1,2-Trichloroethane	RRF	UJ/J	WG1912280, 5
WG1912280-2	Bromodichloromethane	RRF	UJ/J	WG1912280, 5
WG1912280-2	cis-1,3-Dichloropropene	RRF	UJ/J	WG1912280, 5
WG1912280-2	Vinyl chloride	26.3	UJ/J	WG1912280, 5
WG1912280-2	Bromomethane	35.7	UJ/J	WG1912280, 5
WG1912280-2	1,1-Dichloroethene	21.6	UJ/J	WG1912280, 5

GC/MS PERFORMANCE CHECK

All criteria were met.

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2420931-09: The collection date and time on the chain of custody was 17-APR-24 07:25; however, the collection date/time on the container label was 16-APR-24 07:25. At the client's request, the collection date/time is reported as 17-APR-24 07:25.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelley Mielf Report Date: 04/24/24

Title: Technical Director/Representative

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1912057-3	**Analysis Date** : 04/19/24 14:59	**File ID** : V22240419N01
LCSD Sample ID	: WG1912057-4	**Analysis Date** : 04/19/24 15:24	**File ID** : V22240419N02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.6	96		10	9.5	95		1	70-130	20
1,1-Dichloroethane	10	11	110		10	10	100		10	70-130	20
Chloroform	10	9.6	96		10	9.7	97		1	70-130	20
Carbon tetrachloride	10	11	110		10	11	110		0	63-132	20
1,2-Dichloropropane	10	11	110		10	10	100		10	70-130	20
Dibromochloromethane	10	8.9	89		10	9.2	92		3	63-130	20
1,1,2-Trichloroethane	10	8.8	88		10	9.0	90		2	70-130	20
Tetrachloroethene	10	11	110		10	11	110		0	70-130	20
Chlorobenzene	10	9.6	96		10	9.7	97		1	75-130	20
Trichlorofluoromethane	10	11	110		10	11	110		0	62-150	20
1,2-Dichloroethane	10	9.9	99		10	9.9	99		0	70-130	20
1,1,1-Trichloroethane	10	10	100		10	9.8	98		2	67-130	20
Bromodichloromethane	10	9.6	96		10	9.5	95		1	67-130	20
trans-1,3-Dichloropropene	10	8.8	88		10	8.9	89		1	70-130	20
cis-1,3-Dichloropropene	10	9.8	98		10	9.5	95		3	70-130	20
Bromoform	10	9.0	90		10	9.2	92		2	54-136	20
1,1,2,2-Tetrachloroethane	10	9.6	96		10	10	100		4	67-130	20
Benzene	10	9.5	95		10	10	100		5	70-130	20
Toluene	10	9.7	97		10	9.7	97		0	70-130	20
Ethylbenzene	10	9.8	98		10	9.8	98		0	70-130	20
Chloromethane	10	10	100		10	9.7	97		3	64-130	20
Bromomethane	10	2.8	28	Q	10	3.0	30	Q	7	39-139	20
Vinyl chloride	10	9.5	95		10	9.2	92		3	55-140	20
Chloroethane	10	9.1	91		10	8.7	87		4	55-138	20
1,1-Dichloroethene	10	11	110		10	10	100		10	61-145	20
trans-1,2-Dichloroethene	10	10	100		10	9.7	97		3	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Client Sample ID	: MW-5R-04162024	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2420931-02	**Analysis Date**	: 04/19/24 21:37
Matrix Spike	: WG1912057-6	**MS Analysis Date**	: 04/20/24 01:16
Matrix Spike Dup	: WG1912057-7	**MSD Analysis Date**	: 04/20/24 01:40

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	20	20	100	20	21	105	5	70-130	20
1,1-Dichloroethane	ND	20	22	110	20	23	115	4	70-130	20
Chloroform	ND	20	20	100	20	21	105	5	70-130	20
Carbon tetrachloride	ND	20	23	115	20	24	120	4	63-132	20
1,2-Dichloropropane	ND	20	21	105	20	22	110	5	70-130	20
Dibromochloromethane	ND	20	17	85	20	19	95	11	63-130	20
1,1,2-Trichloroethane	ND	20	16	80	20	18	90	12	70-130	20
Tetrachloroethene	190	20	200	50 Q	20	210	100	5	70-130	20
Chlorobenzene	ND	20	20	100	20	21	105	5	75-130	20
Trichlorofluoromethane	ND	20	24	120	20	26	130	8	62-150	20
1,2-Dichloroethane	ND	20	20	100	20	20	100	0	70-130	20
1,1,1-Trichloroethane	ND	20	22	110	20	23	115	4	67-130	20
Bromodichloromethane	ND	20	18	90	20	19	95	5	67-130	20
trans-1,3-Dichloropropene	ND	20	16	80	20	18	90	12	70-130	20
cis-1,3-Dichloropropene	ND	20	17	85	20	19	95	11	70-130	20
Bromoform	ND	20	17	85	20	18	90	6	54-136	20
1,1,2,2-Tetrachloroethane	ND	20	18	90	20	20	100	11	67-130	20
Benzene	ND	20	21	105	20	23	115	9	70-130	20
Toluene	ND	20	20	100	20	21	105	5	70-130	20
Ethylbenzene	ND	20	21	105	20	22	110	5	70-130	20
Chloromethane	ND	20	22	110	20	24	120	9	64-130	20
Bromomethane	ND	20	5.5	28 Q	20	7.0	35 Q	24 Q	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Client Sample ID	: MW-5R-04162024	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2420931-02	**Analysis Date**	: 04/19/24 21:37
Matrix Spike	: WG1912057-6	**MS Analysis Date**	: 04/20/24 01:16
Matrix Spike Dup	: WG1912057-7	**MSD Analysis Date**	: 04/20/24 01:40

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	20	21	105	20	22	110	5	70-130	20
1,2,3-Trichlorobenzene	ND	20	19	95	20	20	100	5	70-130	20
1,2,4-Trichlorobenzene	ND	20	19	95	20	20	100	5	70-130	20
Methyl Acetate	ND	20	20	100	20	21	105	5	70-130	20
Cyclohexane	ND	20	28	140 Q	20	29	145 Q	4	70-130	20
1,4-Dioxane	ND	1000	760	76	1000	810	81	6	56-162	20
Freon-113	ND	20	25	125	20	26	130	4	70-130	20
Methyl cyclohexane	ND	20	22	110	20	24	120	9	70-130	20

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-01D	**Date Collected**	: 04/16/24 10:35
Client ID	: PZ-4R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 22:01
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N18	**Instrument ID**	: VOA122
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	1200	5.0	1.8	
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
75-25-2	Bromoform	ND	20	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	U
75-01-4	Vinyl chloride	ND	10	0.71	U
75-00-3	Chloroethane	ND	25	7.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-01D	**Date Collected**	: 04/16/24 10:35
Client ID	: PZ-4R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 22:01
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N18	**Instrument ID**	: VOA122
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	15	5.0	1.8	
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	1.7	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	16	25	7.0	J
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	U
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U
98-82-8	Isopropylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
79-20-9	Methyl Acetate	ND	20	2.3	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-01D	**Date Collected**	: 04/16/24 10:35
Client ID	: PZ-4R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 22:01
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N18	**Instrument ID**	: VOA122
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	100	2.7	U
123-91-1	1,4-Dioxane	ND	2500	610	U
76-13-1	Freon-113	ND	25	7.0	U
108-87-2	Methyl cyclohexane	ND	100	4.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-02D	**Date Collected**	: 04/16/24 09:30
Client ID	: MW-5R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:37
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N17	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	190	1.0	0.36	
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	ND	2.0	0.14	U
75-00-3	Chloroethane	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-02D	**Date Collected**	: 04/16/24 09:30
Client ID	: MW-5R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:37
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N17	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U
156-60-5	trans-1,2-Dichloroethene	1.5	5.0	1.4	J
79-01-6	Trichloroethene	38	1.0	0.35	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	0.33	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	69	5.0	1.4	
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U
67-64-1	Acetone	ND	10	2.9	U
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
98-82-8	Isopropylbenzene	ND	5.0	1.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
79-20-9	Methyl Acetate	ND	4.0	0.47	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-02D	**Date Collected**	: 04/16/24 09:30
Client ID	: MW-5R-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:37
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N17	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	20	0.54	U
123-91-1	1,4-Dioxane	ND	500	120	U
76-13-1	Freon-113	ND	5.0	1.4	U
108-87-2	Methyl cyclohexane	ND	20	0.79	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-03D	**Date Collected**	: 04/16/24 13:40
Client ID	: PZ-5-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:12
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N16	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	170	1.0	0.36	
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	ND	2.0	0.14	U
75-00-3	Chloroethane	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-03D	**Date Collected**	: 04/16/24 13:40
Client ID	: PZ-5-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:12
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N16	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.4	U
79-01-6	Trichloroethene	ND	1.0	0.35	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	0.33	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	U
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U
67-64-1	Acetone	ND	10	2.9	U
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
98-82-8	Isopropylbenzene	ND	5.0	1.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
79-20-9	Methyl Acetate	ND	4.0	0.47	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-03D	**Date Collected**	: 04/16/24 13:40
Client ID	: PZ-5-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 21:12
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N16	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	20	0.54	U
123-91-1	1,4-Dioxane	ND	500	120	U
76-13-1	Freon-113	ND	5.0	1.4	U
108-87-2	Methyl cyclohexane	ND	20	0.79	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-04	**Date Collected**	: 04/16/24 14:10
Client ID	: PZ-6-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:21
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	120	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-04	**Date Collected**	: 04/16/24 14:10
Client ID	: PZ-6-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:21
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.44	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-04	**Date Collected**	: 04/16/24 14:10
Client ID	: PZ-6-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:21
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-05D	**Date Collected**	: 04/16/24 13:00
Client ID	: PZ-11-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/23/24 03:43
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05240422N21	**Instrument ID**	: VOA105
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	6.2	1.8	U
75-34-3	1,1-Dichloroethane	ND	6.2	1.8	U
67-66-3	Chloroform	ND	6.2	1.8	U
56-23-5	Carbon tetrachloride	ND	1.2	0.34	U
78-87-5	1,2-Dichloropropane	ND	2.5	0.34	U
124-48-1	Dibromochloromethane	ND	1.2	0.37	U
79-00-5	1,1,2-Trichloroethane	ND	3.8	1.2	U
127-18-4	Tetrachloroethene	440	1.2	0.45	
108-90-7	Chlorobenzene	ND	6.2	1.8	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.8	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	6.2	1.8	U
75-27-4	Bromodichloromethane	ND	1.2	0.48	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.41	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.36	U
75-25-2	Bromoform	ND	5.0	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.42	U
71-43-2	Benzene	ND	1.2	0.40	U
108-88-3	Toluene	ND	6.2	1.8	U
100-41-4	Ethylbenzene	ND	6.2	1.8	U
74-87-3	Chloromethane	ND	6.2	1.8	U
74-83-9	Bromomethane	ND	6.2	1.8	U
75-01-4	Vinyl chloride	ND	2.5	0.18	U
75-00-3	Chloroethane	ND	6.2	1.8	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-05D	**Date Collected**	: 04/16/24 13:00
Client ID	: PZ-11-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/23/24 03:43
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05240422N21	**Instrument ID**	: VOA105
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	1.2	0.42	U
156-60-5	trans-1,2-Dichloroethene	ND	6.2	1.8	U
79-01-6	Trichloroethene	1.2	1.2	0.44	
95-50-1	1,2-Dichlorobenzene	ND	6.2	1.8	U
541-73-1	1,3-Dichlorobenzene	ND	6.2	1.8	U
106-46-7	1,4-Dichlorobenzene	ND	6.2	1.8	U
1634-04-4	Methyl tert butyl ether	ND	6.2	0.42	U
179601-23-1	p/m-Xylene	ND	6.2	1.8	U
95-47-6	o-Xylene	ND	6.2	1.8	U
156-59-2	cis-1,2-Dichloroethene	ND	6.2	1.8	U
100-42-5	Styrene	ND	6.2	1.8	U
75-71-8	Dichlorodifluoromethane	ND	12	2.5	U
67-64-1	Acetone	ND	12	3.6	U
75-15-0	Carbon disulfide	ND	12	2.5	U
78-93-3	2-Butanone	ND	12	4.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	2.5	U
591-78-6	2-Hexanone	ND	12	2.5	U
74-97-5	Bromochloromethane	ND	6.2	1.8	U
106-93-4	1,2-Dibromoethane	ND	5.0	1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	1.8	U
98-82-8	Isopropylbenzene	ND	6.2	1.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.8	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.8	U
79-20-9	Methyl Acetate	ND	5.0	0.58	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-05D	**Date Collected**	: 04/16/24 13:00
Client ID	: PZ-11-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/23/24 03:43
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05240422N21	**Instrument ID**	: VOA105
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	25	0.68	U
123-91-1	1,4-Dioxane	ND	620	150	U
76-13-1	Freon-113	ND	6.2	1.8	U
108-87-2	Methyl cyclohexane	ND	25	0.99	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-06	**Date Collected**	: 04/16/24 12:20
Client ID	: PZ-12-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	160	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-06	**Date Collected**	: 04/16/24 12:20
Client ID	: PZ-12-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.53	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-06	**Date Collected**	: 04/16/24 12:20
Client ID	: PZ-12-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-07	**Date Collected**	: 04/16/24 11:15
Client ID	: PZ-13-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N07	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	100	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	3.6	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:
Lab ID	: L2420931-07	Date Collected	: 04/16/24 11:15
Client ID	: PZ-13-04162024	Date Received	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	Date Analyzed	: 04/19/24 17:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MAG
Lab File ID	: V22240419N07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	9.7	2.5	0.70	
79-01-6	Trichloroethene	17	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	40	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-07	**Date Collected**	: 04/16/24 11:15
Client ID	: PZ-13-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N07	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-08D	**Date Collected**	: 04/16/24 11:50
Client ID	: PZ-14-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 20:23
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N14	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	560	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	6.2	5.0	0.36	
75-00-3	Chloroethane	ND	12	3.5	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:
Lab ID	: L2420931-08D	Date Collected	: 04/16/24 11:50
Client ID	: PZ-14-04162024	Date Received	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	Date Analyzed	: 04/19/24 20:23
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MAG
Lab File ID	: V22240419N14	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	27	2.5	0.88	
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	370	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-08D	**Date Collected**	: 04/16/24 11:50
Client ID	: PZ-14-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 20:23
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N14	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	50	1.4	U
123-91-1	1,4-Dioxane	ND	1200	300	U
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-09D	**Date Collected**	: 04/17/24 07:25
Client ID	: MW-24S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:59
Sample Matrix	: WATER	**Dilution Factor**	: 40
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N13	**Instrument ID**	: VOA122
Sample Amount	: 0.25 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	100	28.	U
75-34-3	1,1-Dichloroethane	ND	100	28.	U
67-66-3	Chloroform	ND	100	28.	U
56-23-5	Carbon tetrachloride	ND	20	5.4	U
78-87-5	1,2-Dichloropropane	ND	40	5.5	U
124-48-1	Dibromochloromethane	ND	20	6.0	U
79-00-5	1,1,2-Trichloroethane	ND	60	20.	U
127-18-4	Tetrachloroethene	4200	20	7.2	
108-90-7	Chlorobenzene	ND	100	28.	U
75-69-4	Trichlorofluoromethane	ND	100	28.	U
107-06-2	1,2-Dichloroethane	ND	20	5.3	U
71-55-6	1,1,1-Trichloroethane	ND	100	28.	U
75-27-4	Bromodichloromethane	ND	20	7.7	U
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	20	5.8	U
75-25-2	Bromoform	ND	80	26.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.7	U
71-43-2	Benzene	ND	20	6.4	U
108-88-3	Toluene	ND	100	28.	U
100-41-4	Ethylbenzene	ND	100	28.	U
74-87-3	Chloromethane	ND	100	28.	U
74-83-9	Bromomethane	ND	100	28.	U
75-01-4	Vinyl chloride	ND	40	2.8	U
75-00-3	Chloroethane	ND	100	28.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-09D	**Date Collected**	: 04/17/24 07:25
Client ID	: MW-24S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:59
Sample Matrix	: WATER	**Dilution Factor**	: 40
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N13	**Instrument ID**	: VOA122
Sample Amount	: 0.25 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	20	6.8	U
156-60-5	trans-1,2-Dichloroethene	ND	100	28.	U
79-01-6	Trichloroethene	ND	20	7.0	U
95-50-1	1,2-Dichlorobenzene	ND	100	28.	U
541-73-1	1,3-Dichlorobenzene	ND	100	28.	U
106-46-7	1,4-Dichlorobenzene	ND	100	28.	U
1634-04-4	Methyl tert butyl ether	ND	100	6.6	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	100	28.	U
156-59-2	cis-1,2-Dichloroethene	ND	100	28.	U
100-42-5	Styrene	ND	100	28.	U
75-71-8	Dichlorodifluoromethane	ND	200	40.	U
67-64-1	Acetone	ND	200	58.	U
75-15-0	Carbon disulfide	ND	200	40.	U
78-93-3	2-Butanone	ND	200	78.	U
108-10-1	4-Methyl-2-pentanone	ND	200	40.	U
591-78-6	2-Hexanone	ND	200	40.	U
74-97-5	Bromochloromethane	ND	100	28.	U
106-93-4	1,2-Dibromoethane	ND	80	26.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	28.	U
98-82-8	Isopropylbenzene	ND	100	28.	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	28.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	28.	U
79-20-9	Methyl Acetate	ND	80	9.4	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-09D	**Date Collected**	: 04/17/24 07:25
Client ID	: MW-24S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:59
Sample Matrix	: WATER	**Dilution Factor**	: 40
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N13	**Instrument ID**	: VOA122
Sample Amount	: 0.25 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	400	11.	U
123-91-1	1,4-Dioxane	ND	10000	2400	U
76-13-1	Freon-113	ND	100	28.	U
108-87-2	Methyl cyclohexane	ND	400	16.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-10D	**Date Collected**	: 04/16/24 15:00
Client ID	: MW-24D-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:34
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N12	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	8.8	1.0	0.36	
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	6.9	2.0	0.14	
75-00-3	Chloroethane	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-10D	**Date Collected**	: 04/16/24 15:00
Client ID	: MW-24D-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:34
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N12	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	0.74	1.0	0.34	J
156-60-5	trans-1,2-Dichloroethene	1.4	5.0	1.4	J
79-01-6	Trichloroethene	6.5	1.0	0.35	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	0.33	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	250	5.0	1.4	
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U
67-64-1	Acetone	ND	10	2.9	U
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
98-82-8	Isopropylbenzene	ND	5.0	1.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
79-20-9	Methyl Acetate	ND	4.0	0.47	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-10D	**Date Collected**	: 04/16/24 15:00
Client ID	: MW-24D-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:34
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N12	**Instrument ID**	: VOA122
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	20	0.54	U
123-91-1	1,4-Dioxane	ND	500	120	U
76-13-1	Freon-113	ND	5.0	1.4	U
108-87-2	Methyl cyclohexane	ND	20	0.79	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-11D	**Date Collected**	: 04/16/24 15:55
Client ID	: MW-23S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:10
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N11	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	620	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	ND	5.0	0.36	U
75-00-3	Chloroethane	ND	12	3.5	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-11D	**Date Collected**	: 04/16/24 15:55
Client ID	: MW-23S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:10
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N11	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	2.3	2.5	0.88	J
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	ND	12	3.5	U
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-11D	**Date Collected**	: 04/16/24 15:55
Client ID	: MW-23S-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 19:10
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N11	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	50	1.4	U
123-91-1	1,4-Dioxane	ND	1200	300	U
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-12D	**Date Collected**	: 04/16/24 09:35
Client ID	: MW-99-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:46
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N10	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	570	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	ND	5.0	0.36	U
75-00-3	Chloroethane	ND	12	3.5	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-12D	**Date Collected**	: 04/16/24 09:35
Client ID	: MW-99-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:46
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N10	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	4.6	12	3.5	J
79-01-6	Trichloroethene	120	2.5	0.88	
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	210	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-12D	**Date Collected**	: 04/16/24 09:35
Client ID	: MW-99-04162024	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 18:46
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N10	**Instrument ID**	: VOA122
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	50	1.4	U
123-91-1	1,4-Dioxane	ND	1200	300	U
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-13	**Date Collected**	: 04/16/24 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N06	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:
Lab ID	: L2420931-13	Date Collected	: 04/16/24 00:00
Client ID	: TRIP BLANK	Date Received	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	Date Analyzed	: 04/19/24 17:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MAG
Lab File ID	: V22240419N06	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: L2420931-13	**Date Collected**	: 04/16/24 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/17/24
Sample Location	: 275 FRANKLIN ST & 432 PEARL STREET, BUFFALO, NY	**Date Analyzed**	: 04/19/24 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V22240419N06	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: WG1912057-5	**Date Collected**	: NA
Client ID	: WG1912057-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/19/24 16:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMS
Lab File ID	: V22240419N05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:
Lab ID	: WG1912057-5	Date Collected	: NA
Client ID	: WG1912057-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/19/24 16:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMS
Lab File ID	: V22240419N05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: WG1912057-5	**Date Collected**	: NA
Client ID	: WG1912057-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/19/24 16:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMS
Lab File ID	: V22240419N05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: WG1912280-5	**Date Collected**	: NA
Client ID	: WG1912280-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/22/24 20:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V05240422N05	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:
Lab ID	: WG1912280-5	Date Collected	: NA
Client ID	: WG1912280-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/22/24 20:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MAG
Lab File ID	: V05240422N05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2420931
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:
Lab ID	: WG1912280-5	**Date Collected**	: NA
Client ID	: WG1912280-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/22/24 20:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MAG
Lab File ID	: V05240422N05	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2420931**
Project Name	**: BUFFALO DEVELOPMENT CORPORATIO**	**Project Number**	**:**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL20803**
Calibration dates	**: 01/22/24 22:47 01/23/24 22:06**		

Calibration Files
L11 =V22240122N03.D L1 =V22240123N03.D L2 =V22240122N07.D L3 =V22240122N08.D L4 =V22240122N09.D
L6 =V22240122N10.D L8 =V22240122N11.D L10 =V22240122N12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.164	0.161	0.150	0.168	0.159	0.173	0.165	0.163	4.44
3)	TP	Chloromethane		0.262	0.295	0.265	0.250	0.236	0.234	0.224	0.252	9.50
4)	TC	Vinyl chloride	0.246	0.200	0.225	0.202	0.208	0.194	0.205	0.197	0.210	8.32
5)	TP	Bromomethane		0.152	0.153	0.132	0.119	0.109	0.110	0.108	0.126	15.57
6)	TP	Chloroethane		0.134	0.141	0.117	0.113	0.106	0.104	0.100	0.117	13.50
7)	TP	Trichlorofluor		0.225	0.223	0.206	0.230	0.219	0.239	0.232	0.225	4.75
8)	TP	Ethyl ether		0.056	0.057	0.058	0.058	0.056	0.057	0.057	0.057	1.66
10)	TC	1,1-Dichloroet		0.154	0.148	0.138	0.140	0.135	0.143	0.139	0.143	4.54
11)	TP	Carbon disulfide		0.485	0.512	0.475	0.458	0.426	0.445	0.430	0.462	6.76
12)	TP	Freon-113		0.131	0.124	0.116	0.133	0.126	0.149	0.148	0.132	9.14
13)	TP	Iodomethane		0.306	0.268	0.265	0.270	0.266	0.260	0.251	0.269	6.44
14)	TP	Acrolein			0.018	0.018	0.016	0.016	0.016	0.016	0.017	6.48
15)	TP	Methylene chlo		0.202	0.218	0.183	0.167	0.157	0.154	0.152	0.176	14.70
17)	TP	Acetone			0.036	0.032	0.029	0.027	0.028	0.027	0.030	11.83
18)	TP	trans-1,2-Dich		0.170	0.181	0.164	0.155	0.153	0.156	0.154	0.162	6.57
19)	TP	Methyl acetate		0.065	0.068	0.065	0.063	0.060	0.062	0.063	0.064	3.96
21)	TP	Methyl tert butyl ether		0.206	0.227	0.250	0.270	0.269	0.278	0.283	0.255	11.27
22)	TP	tert-Butyl alc			0.008	0.008	0.008	0.007	0.008	0.008	0.008#	2.92
24)	TP	Diisopropyl ether		0.414	0.451	0.451	0.471	0.480	0.500	0.482	0.464	6.10
25)	TP	1,1-Dichloroet		0.312	0.362	0.348	0.334	0.319	0.318	0.312	0.329	5.90
26)	TP	Halothane		0.113	0.127	0.120	0.123	0.119	0.130	0.131	0.123	5.24
27)	TP	Acrylonitrile		0.054	0.038	0.039	0.036	0.034	0.034	0.033	0.038	19.21
28)	TP	Ethyl tert-but		0.304	0.352	0.360	0.395	0.404	0.416	0.422	0.379	11.19
29)	TP	Vinyl acetate		0.193	0.172	0.177	0.189	0.180	0.177	0.185	0.182	4.08
30)	TP	cis-1,2-Dichlo		0.201	0.209	0.187	0.175	0.166	0.166	0.166	0.181#	9.96
31)	TP	2,2-Dichloropr		0.230	0.250	0.227	0.225	0.216	0.221	0.220	0.227	4.85
32)	TP	Bromochloromet		0.065	0.098	0.092	0.087	0.082	0.080	0.078	0.083#	12.94
33)	TP	Cyclohexane		0.267	0.250	0.240	0.298	0.304	0.345	0.337	0.292	14.03
34)	TC	Chloroform		0.303	0.350	0.286	0.275	0.265	0.273	0.271	0.289	10.25
35)	TP	Ethyl acetate		0.056	0.068	0.077	0.087	0.086	0.089	0.089	0.079	16.20
36)	TP	Carbon tetrachloride	0.220	0.190	0.214	0.212	0.231	0.225	0.244	0.242	0.222	7.89
37)	TP	Tetrahydrofuran			0.031	0.025	0.025	0.024	0.023	0.024	0.025	11.23
38)	S	Dibromofluoromethane	0.395	0.391	0.379	0.363	0.333	0.320	0.316	0.317	0.352	9.67
39)	TP	1,1,1-Trichlor		0.246	0.264	0.242	0.252	0.254	0.265	0.261	0.255	3.49
41)	TP	2-Butanone			0.034	0.035	0.038	0.038	0.040	0.040	0.037	6.57

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2420931**
Project Name	**: BUFFALO DEVELOPMENT CORPORATIO**	**Project Number**	**:**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL20803**
Calibration dates	**: 01/22/24 22:47 01/23/24 22:06**		

Calibration Files
L11 =V22240122N03.D L1 =V22240123N03.D L2 =V22240122N07.D L3 =V22240122N08.D L4 =V22240122N09.D
L6 =V22240122N10.D L8 =V22240122N11.D L10 =V22240122N12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP	1,1-Dichloropr		0.146	0.173	0.177	0.202	0.211	0.223	0.221	0.193	14.88
44) TP	Benzene	0.589	0.467	0.598	0.599	0.622	0.614	0.609	0.591	0.586	8.43
45) TP	Tertiary-Amyl Methyl Ether		0.223	0.232	0.231	0.245	0.251	0.261	0.262	0.244	6.36
46) S	1,2-Dichloroethane-d4	0.339	0.346	0.333	0.326	0.313	0.307	0.309	0.309	0.323	4.73
47) T	1,2-Dichloroet		0.158	0.165	0.162	0.157	0.159	0.158	0.156	0.159	1.92
50) TP	Methyl cyclohe		0.196	0.156	0.143	0.199	0.202	0.236	0.235	0.195	18.17
51) TP	Trichloroethene	0.133	0.130	0.120	0.126	0.140	0.145	0.149	0.146	0.136#	7.75
53) TP	Dibromomethane		0.073	0.076	0.070	0.070	0.067	0.067	0.066	0.070	5.24
54) TC	1,2-Dichloropr		0.104	0.122	0.131	0.143	0.142	0.142	0.142	0.132	11.15
56) TP	2-Chloroethyl		0.032	0.052	0.053	0.056	0.056	0.058	0.058	0.052	17.65
57) TP	Bromodichlorom		0.165	0.166	0.168	0.177	0.176	0.174	0.174	0.171#	2.77
60) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.72
61) TP	cis-1,3-Dichloropropene	0.162	0.135	0.168	0.179	0.195	0.198	0.198	0.197	0.179#	12.75
62) I	Chlorobenzene-d5	----------ISTD----------									
63) S	Toluene-d8	1.238	1.232	1.226	1.240	1.248	1.267	1.261	1.265	1.247	1.27
64) TC	Toluene		0.317	0.388	0.380	0.403	0.402	0.410	0.402	0.386	8.28
65) TP	4-Methyl-2-pen		0.021	0.033	0.029	0.030	0.030	0.031	0.030	0.029#	12.77
66) TP	Tetrachloroethene		0.134	0.145	0.148	0.170	0.174	0.188	0.186	0.164	13.11
68) TP	trans-1,3-Dichloropropene		0.132	0.150	0.170	0.201	0.211	0.215	0.213	0.184#	18.22
70) TP	Ethyl methacry		0.154	0.120	0.119	0.121	0.114	0.116	0.112	0.122	11.79
71) TP	1,1,2-Trichlor		0.079	0.067	0.080	0.093	0.099	0.103	0.100	0.089#	15.36
72) TP	Chlorodibromom		0.103	0.118	0.129	0.151	0.160	0.165	0.164	0.142#	17.42
73) TP	1,3-Dichloropr		0.119	0.142	0.157	0.185	0.192	0.198	0.196	0.170	18.14
74) TP	1,2-Dibromoethane		0.075	0.087	0.092	0.109	0.114	0.117	0.115	0.101#	16.10
76) TP	2-Hexanone		0.046	0.057	0.054	0.056	0.053	0.055	0.053	0.053	6.73
77) TP	Chlorobenzene		0.394	0.457	0.444	0.462	0.460	0.460	0.454	0.447	5.47
78) TC	Ethylbenzene		0.645	0.768	0.751	0.786	0.769	0.779	0.749	0.750	6.42
79) TP	1,1,1,2-Tetrac		0.114	0.133	0.138	0.157	0.167	0.173	0.173	0.151	15.30
80) TP	p/m Xylene		0.262	0.307	0.302	0.307	0.303	0.307	0.295	0.297	5.40
81) TP	o Xylene		0.252	0.297	0.294	0.298	0.291	0.293	0.282	0.287	5.64
82) TP	Styrene		0.410	0.478	0.483	0.489	0.474	0.465	0.432	0.462	6.35
83) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84) TP	Bromoform		0.114	0.126	0.132	0.154	0.158	0.166	0.166	0.145	14.34
86) TP	Isopropylbenzene		1.275	1.434	1.487	1.615	1.567	1.624	1.571	1.511	8.22
87) S	4-Bromofluorobenzene	0.895	0.906	0.913	0.935	0.930	0.919	0.925	0.932	0.919	1.52
88) TP	Bromobenzene		0.313	0.355	0.360	0.375	0.368	0.371	0.372	0.359	6.04

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2420931**
Project Name	**: BUFFALO DEVELOPMENT CORPORATIO**	**Project Number**	**:**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL20803**
Calibration dates	**: 01/22/24 22:47 01/23/24 22:06**		

Calibration Files
L11 =V22240122N03.D L1 =V22240123N03.D L2 =V22240122N07.D L3 =V22240122N08.D L4 =V22240122N09.D
L6 =V22240122N10.D L8 =V22240122N11.D L10 =V22240122N12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP	n-Propylbenzene		1.516	1.681	1.690	1.819	1.774	1.824	1.732	1.719	6.18
90) TP	1,4-Dichlorobu		0.319	0.344	0.349	0.371	0.360	0.368	0.370	0.354	5.33
91) TP	1,1,2,2-Tetrac		0.208	0.203	0.191	0.203	0.199	0.204	0.211	0.203	3.11
92) TP	4-Ethyltoluene		1.277	1.506	1.488	1.573	1.523	1.559	1.512	1.491	6.64
93) TP	2-Chlorotoluene		0.909	1.043	1.048	1.085	0.995	1.086	1.027	1.028	5.96
94) TP	1,3,5-Trimethy		1.011	1.230	1.261	1.350	1.306	1.314	1.283	1.251	9.00
95) TP	1,2,3-Trichlor		0.143	0.156	0.160	0.175	0.173	0.178	0.181	0.167	8.21
96) TP	trans-1,4-Dich		0.079	0.077	0.071	0.075	0.074	0.077	0.078	0.076	3.59
97) TP	4-Chlorotoluene		0.985	1.103	1.096	1.134	1.117	1.127	1.108	1.096	4.63
98) TP	tert-Butylbenzene		1.151	1.250	1.231	1.335	1.313	1.364	1.340	1.283	5.94
101) TP	1,2,4-Trimethy		1.113	1.372	1.423	1.522	1.477	1.468	1.426	1.400	9.66
102) TP	sec-Butylbenzene		1.348	1.468	1.424	1.614	1.561	1.642	1.563	1.517	7.06
103) TP	p-Isopropyltol		1.147	1.365	1.335	1.449	1.396	1.440	1.375	1.358	7.49
104) TP	1,3-Dichlorobe		0.662	0.715	0.728	0.744	0.728	0.729	0.719	0.718	3.64
105) TP	1,4-Dichlorobe		0.638	0.716	0.704	0.729	0.716	0.717	0.709	0.704	4.29
106) TP	p-Diethylbenzene		0.631	0.755	0.801	0.882	0.873	0.886	0.864	0.813	11.55
107) TP	n-Butylbenzene		0.817	0.983	1.030	1.159	1.121	1.159	1.114	1.055	11.72
108) TP	1,2-Dichlorobe		0.570	0.635	0.639	0.667	0.653	0.647	0.640	0.636	4.86
109) TP	1,2,4,5-Tetram		0.920	1.036	1.080	1.188	1.203	1.215	1.177	1.117	9.82
110) TP	1,2-Dibromo-3-		0.036	0.043	0.041	0.044	0.042	0.042	0.042	0.041	5.63
111) TP	1,3,5-Trichlor		0.364	0.403	0.424	0.457	0.453	0.454	0.442	0.428	8.05
112) TP	Hexachlorobuta		0.133	0.126	0.126	0.146	0.141	0.154	0.154	0.140	8.75
113) TP	1,2,4-Trichlor		0.348	0.368	0.373	0.395	0.384	0.385	0.379	0.376#	4.06
114) TP	Naphthalene		0.824	0.888	0.885	0.933	0.878	0.873	0.845	0.875	3.93
115) TP	1,2,3-Trichlor		0.290	0.317	0.329	0.348	0.329	0.331	0.321	0.324#	5.43

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2420931**
Project Name	**: BUFFALO DEVELOPMENT CORPORATIO**	**Project Number**	**:**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL21016**
Calibration dates	**: 04/05/24 18:04 04/05/24 22:18**		

Calibration Files
L11 =V05240405N03.D L1 =V05240405N05.D L2 =V05240405N07.D L3 =V05240405N09.D L4 =V05240405N10.D
L6 =V05240405N11.D L8 =V05240405N12.D L10 =V05240405N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
41) TP	Benzene	0.844	0.746	0.895	0.919	0.927	0.937	0.923	0.943	0.892	7.45
42) TP	Tertiary-Amyl Methyl Ether		0.329	0.360	0.434	0.478	0.509	0.524	0.547	0.454	18.41
43) S	1,2-Dichloroethane-d4	0.324	0.327	0.327	0.324	0.301	0.316	0.308	0.324	0.319	3.02
44) TP	1,2-Dichloroet		0.315	0.306	0.305	0.302	0.300	0.297	0.302	0.304	1.90
47) TP	Methyl cyclohe		0.261	0.362	0.420	0.432	0.440	0.431	0.449	0.399	16.83
48) TP	Trichloroethene	0.316	0.278	0.294	0.282	0.284	0.283	0.283	0.298	0.290	4.31
50) TP	Dibromomethane		0.136	0.142	0.139	0.140	0.143	0.141	0.144	0.141	2.01
51) TC	1,2-Dichloropr		0.188	0.217	0.225	0.226	0.227	0.228	0.229	0.220	6.61
53) TP	2-Chloroethyl			0.064	0.074	0.088	0.081	0.085	0.089	0.080	11.85
54) TP	Bromodichlorom		0.286	0.326	0.328	0.339	0.338	0.338	0.344	0.328	5.95
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	9.19
58) TP	cis-1,3-Dichlo		0.238	0.284	0.332	0.356	0.369	0.369	0.379	0.332	15.83
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.171	1.197	1.223	1.233	1.208	1.193	1.181	1.132	1.192	2.68
61) TC	Toluene		0.553	0.690	0.726	0.728	0.712	0.718	0.712	0.691	9.04
62) TP	4-Methyl-2-pen			0.041	0.049	0.056	0.057	0.059	0.060	0.054	13.43
63) TP	Tetrachloroethene		0.269	0.380	0.394	0.401	0.394	0.396	0.399	0.376	12.64
65) TP	trans-1,3-Dich		0.285	0.301	0.352	0.386	0.385	0.389	0.383	0.354	12.40
67) TP	Ethyl methacry			0.154	0.210	0.233	0.239	0.243	0.244	0.221	15.86
68) TP	1,1,2-Trichlor		0.160	0.183	0.185	0.190	0.179	0.180	0.178	0.179#	5.17
69) TP	Chlorodibromom		0.232	0.264	0.300	0.308	0.308	0.312	0.312	0.291	10.64
70) TP	1,3-Dichloropr		0.321	0.356	0.371	0.371	0.359	0.357	0.347	0.355	4.83
71) TP	1,2-Dibromoethane		0.170	0.205	0.246	0.252	0.247	0.248	0.243	0.230	13.45
72) TP	2-Hexanone			0.073	0.085	0.104	0.107	0.110	0.108	0.098	15.53
73) TP	Chlorobenzene		0.740	0.829	0.861	0.851	0.837	0.847	0.857	0.832	5.04
74) TC	Ethylbenzene		1.111	1.271	1.460	1.492	1.472	1.485	1.489	1.397	10.64
75) TP	1,1,1,2-Tetrac		0.243	0.279	0.316	0.333	0.331	0.335	0.335	0.310	11.60
76) TP	p/m Xylene		0.388	0.508	0.574	0.579	0.580	0.593	0.622	0.549	14.36
77) TP	o Xylene		0.368	0.467	0.545	0.563	0.562	0.581	0.601	0.527	15.54
78) TP	Styrene		0.535	0.741	0.904	0.937	0.949	0.974	0.968	0.858	19.02
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.243	0.256	0.292	0.316	0.341	0.353	0.366	0.309	15.44
82) TP	Isopropylbenzene		1.595	2.078	2.427	2.515	2.597	2.596	2.670	2.354	16.46
83) S	4-Bromofluorobenzene	0.747	0.741	0.730	0.724	0.704	0.726	0.727	0.727	0.728	1.73
84) TP	Bromobenzene		0.595	0.597	0.619	0.618	0.634	0.643	0.654	0.623	3.59
85) TP	n-Propylbenzene		2.116	2.571	2.904	2.938	3.019	3.027	2.919	2.785	11.93

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2024\240122NICAL\
Data File : V22240123N06.D
Acq On : 23 Jan 2024 11:19 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG1877676,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 07:07:49 2024
Quant Method : K:\VOA122\2024\240122NICAL\V122_240122N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 24 07:06:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	97	0.00
2	TP	Dichlorodifluoromethane	0.163	0.169	-3.7	109	0.00
3	TP	Chloromethane	0.252	0.250	0.8	92	0.00
4	TC	Vinyl chloride	0.210	0.214	-1.9	103	0.00
5	TP	Bromomethane	0.126	0.129	-2.4	94	0.00
6	TP	Chloroethane	0.117	0.120	-2.6	99	0.00
7	TP	Trichlorofluoromethane	0.225	0.262	-16.4	124	0.00
8	TP	Ethyl ether	0.057	0.065	-14.0	109	0.00
10	TC	1,1-Dichloroethene	0.143	0.149	-4.2	104	0.00
11	TP	Carbon disulfide	0.462	0.366	20.8#	75	0.00
12	TP	Freon-113	0.132	0.158	-19.7	131	0.00
13	TP	Iodomethane	0.269	0.246	8.6	90	0.00
14	TP	Acrolein	0.017	0.018	-5.9	96	0.00
15	TP	Methylene chloride	0.176	0.171	2.8	91	0.00
17	TP	Acetone	0.030	0.027	10.0	84	0.00
18	TP	trans-1,2-Dichloroethene	0.162	0.165	-1.9	97	0.00
19	TP	Methyl acetate	0.064	0.065	-1.6	97	0.00
21	TP	Methyl tert-butyl ether	0.255	0.246	3.5	95	0.00
22	TP	tert-Butyl alcohol	0.00785	0.00751#	4.3	93	0.00
24	TP	Diisopropyl ether	0.464	0.429	7.5	92	0.00
25	TP	1,1-Dichloroethane	0.329	0.337	-2.4	94	0.00
26	TP	Halothane	0.123	0.129	-4.9	104	0.00
27	TP	Acrylonitrile	0.038	0.044	-15.8	111	0.00
28	TP	Ethyl tert-butyl ether	0.379	0.345	9.0	93	0.00
29	TP	Vinyl acetate	0.182	0.213	-17.0	116	0.00
30	TP	cis-1,2-Dichloroethene	0.181	0.178#	1.7	92	0.00
31	TP	2,2-Dichloropropane	0.227	0.248	-9.3	106	0.00
32	TP	Bromochloromethane	0.083	0.084#	-1.2	89	0.00
33	TP	Cyclohexane	0.292	0.317	-8.6	128	0.00
34	TC	Chloroform	0.289	0.277	4.2	94	0.00
35	TP	Ethyl acetate	0.079	0.078	1.3	98	0.00
36	TP	Carbon tetrachloride	0.222	0.242	-9.0	111	0.00
37	TP	Tetrahydrofuran	0.025	0.027	-8.0	103	0.00
38	S	Dibromofluoromethane	0.352	0.354	-0.6	94	0.00
39	TP	1,1,1-Trichloroethane	0.255	0.265	-3.9	106	0.00
41	TP	2-Butanone	0.037	0.032	13.5	87	0.00
42	TP	1,1-Dichloropropene	0.193	0.197	-2.1	108	0.00
44	TP	Benzene	0.586	0.588	-0.3	95	0.00
45	TP	tert-Amyl methyl ether	0.244	0.221	9.4	93	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2024\240122NICAL\
Data File : V22240123N06.D
Acq On : 23 Jan 2024 11:19 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG1877676,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 07:07:49 2024
Quant Method : K:\VOA122\2024\240122NICAL\V122_240122N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 24 07:06:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	S	1,2-Dichloroethane-d4	0.323	0.327	-1.2	97	0.00
47	T	1,2-Dichloroethane	0.159	0.155	2.5	93	0.00
50	TP	Methyl cyclohexane	0.195	0.198	-1.5	134	0.00
51	TP	Trichloroethene	0.136	0.125#	8.1	96	0.00
53	TP	Dibromomethane	0.070	0.069	1.4	95	0.00
54	TC	1,2-Dichloropropane	0.132	0.124	6.1	92	0.00
56	TP	2-Chloroethyl vinyl ether	0.052	0.041	21.2#	74	0.00
57	TP	Bromodichloromethane	0.171	0.155#	9.4	89	0.00
60	TP	1,4-Dioxane	0.00081	0.00079#	2.5	93	0.00
61	TP	cis-1,3-Dichloropropene	0.179	0.177#	1.1	96	0.00
62	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
63	S	Toluene-d8	1.247	1.237	0.8	96	0.00
64	TC	Toluene	0.386	0.378	2.1	96	0.00
65	TP	4-Methyl-2-pentanone	0.029	0.027#	6.9	88	0.00
66	TP	Tetrachloroethene	0.164	0.166	-1.2	108	0.00
68	TP	trans-1,3-Dichloropropene	0.184	0.166#	9.8	94	0.00
70	TP	Ethyl methacrylate	0.122	0.126	-3.3	102	0.00
71	TP	1,1,2-Trichloroethane	0.089	0.079#	11.2	96	0.00
72	TP	Chlorodibromomethane	0.142	0.125#	12.0	93	0.00
73	TP	1,3-Dichloropropane	0.170	0.153	10.0	94	0.00
74	TP	1,2-Dibromoethane	0.101	0.092#	8.9	96	0.00
76	TP	2-Hexanone	0.053	0.049	7.5	89	0.00
77	TP	Chlorobenzene	0.447	0.440	1.6	96	0.00
78	TC	Ethylbenzene	0.750	0.759	-1.2	98	0.00
79	TP	1,1,1,2-Tetrachloroethane	0.151	0.133	11.9	93	0.00
80	TP	p/m Xylene	0.297	0.299	-0.7	96	0.00
81	TP	o Xylene	0.287	0.285	0.7	94	0.00
82	TP	Styrene	0.462	0.473	-2.4	95	0.00
83	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
84	TP	Bromoform	0.145	0.129	11.0	95	0.00
86	TP	Isopropylbenzene	1.511	1.434	5.1	94	0.00
87	S	4-Bromofluorobenzene	0.919	0.909	1.1	95	0.00
88	TP	Bromobenzene	0.359	0.340	5.3	93	0.00
89	TP	n-Propylbenzene	1.719	1.728	-0.5	100	0.00
90	TP	1,4-Dichlorobutane	0.354	0.365	-3.1	102	0.00
91	TP	1,1,2,2-Tetrachloroethane	0.203	0.189#	6.9	97	0.00
92	TP	4-Ethyltoluene	1.491	1.533	-2.8	101	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2024\240122NICAL\
Data File : V22240123N06.D
Acq On : 23 Jan 2024 11:19 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG1877676,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 07:07:49 2024
Quant Method : K:\VOA122\2024\240122NICAL\V122_240122N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 24 07:06:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
93 TP	2-Chlorotoluene	1.028	1.015	1.3	95	0.00
94 TP	1,3,5-Trimethylbenzene	1.251	1.218	2.6	94	0.00
95 TP	1,2,3-Trichloropropane	0.167	0.157	6.0	96	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.076	0.071	6.6	97	0.00
97 TP	4-Chlorotoluene	1.096	1.058	3.5	94	0.00
98 TP	tert-Butylbenzene	1.283	1.306	-1.8	104	0.00
101 TP	1,2,4-Trimethylbenzene	1.400	1.390	0.7	96	0.00
102 TP	sec-Butylbenzene	1.517	1.586	-4.5	109	0.00
103 TP	p-Isopropyltoluene	1.358	1.424	-4.9	104	0.00
104 TP	1,3-Dichlorobenzene	0.718	0.701	2.4	94	0.00
105 TP	1,4-Dichlorobenzene	0.704	0.685	2.7	95	0.00
106 TP	p-Diethylbenzene	0.813	0.771	5.2	94	0.00
107 TP	n-Butylbenzene	1.055	1.143	-8.3	108	0.00
108 TP	1,2-Dichlorobenzene	0.636	0.622	2.2	95	0.00
109 TP	1,2,4,5-Tetramethylbenzene	1.117	1.016	9.0	92	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.041	0.038	7.3	92	0.00
111 TP	1,3,5-Trichlorobenzene	0.428	0.398	7.0	92	0.00
112 TP	Hexachlorobutadiene	0.140	0.141	-0.7	110	0.00
113 TP	1,2,4-Trichlorobenzene	0.376	0.362#	3.7	95	0.00
114 TP	Naphthalene	0.875	0.853	2.5	94	0.00
115 TP	1,2,3-Trichlorobenzene	0.324	0.319#	1.5	95	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 15 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2024\240405NICAL\
Data File : V05240405N18.D
Acq On : 6 Apr 2024 12:24 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG1906007,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 08 12:11:34 2024
Quant Method : K:\VOA105\2024\240405NICAL\V105_240405N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 08 12:09:00 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2	TP	Dichlorodifluoromethane	0.334	0.304	9.0	93	0.00
3	TP	Chloromethane	0.239	0.265	-10.9	113	0.00
4	TC	Vinyl chloride	0.270	0.267	1.1	101	0.00
5	TP	Bromomethane	* 10.000	12.035	-20.4#	134	0.00
6	TP	Chloroethane	0.207	0.235	-13.5	107	0.00
7	TP	Trichlorofluoromethane	0.529	0.607	-14.7	117	0.00
8	TP	Ethyl ether	0.117	0.141	-20.5#	130	-0.01
10	TC	1,1-Dichloroethene	0.268	0.261	2.6	99	0.00
11	TP	Carbon disulfide	0.845	0.593	29.8#	75	0.00
12	TP	Freon-113	0.305	0.339	-11.1	114	0.00
14	TP	Acrolein	0.019	0.026	-36.8#	168	0.00
15	TP	Methylene chloride	0.236	0.233	1.3	113	0.00
17	TP	Acetone	0.039	0.037	5.1	119	0.00
18	TP	trans-1,2-Dichloroethene	0.231	0.232	-0.4	108	0.00
19	TP	Methyl acetate	0.088	0.086	2.3	111	0.00
20	TP	Methyl tert-butyl ether	0.460	0.464	-0.9	111	0.00
21	TP	tert-Butyl alcohol	0.00834	0.00885#	-6.1	116	0.00
22	TP	Diisopropyl ether	0.641	0.647	-0.9	110	0.00
23	TP	1,1-Dichloroethane	0.428	0.429	-0.2	106	0.00
24	TP	Halothane	0.192	0.207	-7.8	113	0.00
25	TP	Acrylonitrile	0.043	0.054	-25.6#	143	0.00
26	TP	Ethyl tert-butyl ether	0.521	0.530	-1.7	114	0.00
27	TP	Vinyl acetate	* 10.000	9.874	1.3	148	0.00
28	TP	cis-1,2-Dichloroethene	0.256	0.260	-1.6	109	0.00
29	TP	2,2-Dichloropropane	0.347	0.330	4.9	107	0.00
30	TP	Bromochloromethane	0.122	0.123	-0.8	108	0.00
31	TP	Cyclohexane	0.362	0.391	-8.0	111	0.00
32	TC	Chloroform	0.426	0.441	-3.5	109	0.00
33	TP	Ethyl acetate	0.130	0.130	0.0	109	0.00
34	TP	Carbon tetrachloride	0.393	0.396	-0.8	106	0.00
35	TP	Tetrahydrofuran	0.040	0.042	-5.0	113	0.01
36	S	Dibromofluoromethane	0.289	0.281	2.8	107	0.00
37	TP	1,1,1-Trichloroethane	0.406	0.422	-3.9	106	0.00
39	TP	2-Butanone	0.060	0.060	0.0	114	0.00
40	TP	1,1-Dichloropropene	0.314	0.331	-5.4	109	0.00
41	TP	Benzene	0.892	0.917	-2.8	108	0.00
42	TP	tert-Amyl methyl ether	0.454	0.436	4.0	109	0.00
43	S	1,2-Dichloroethane-d4	0.319	0.327	-2.5	110	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2024\240405NICAL\
Data File : V05240405N18.D
Acq On : 6 Apr 2024 12:24 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG1906007,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 08 12:11:34 2024
Quant Method : K:\VOA105\2024\240405NICAL\V105_240405N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 08 12:09:00 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.304	0.301	1.0	107	0.00
47	TP	Methyl cyclohexane	0.399	0.426	-6.8	110	0.00
48	TP	Trichloroethene	0.290	0.273	5.9	105	0.00
50	TP	Dibromomethane	0.141	0.145	-2.8	113	0.00
51	TC	1,2-Dichloropropane	0.220	0.221	-0.5	107	0.00
53	TP	2-Chloroethyl vinyl ether	0.080	0.093	-16.2	135	0.00
54	TP	Bromodichloromethane	0.328	0.322	1.8	106	0.00
57	TP	1,4-Dioxane	0.00126	0.00131#	-4.0	111	0.00
58	TP	cis-1,3-Dichloropropene	0.332	0.345	-3.9	113	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
60	S	Toluene-d8	1.192	1.214	-1.8	107	0.00
61	TC	Toluene	0.691	0.717	-3.8	108	0.00
62	TP	4-Methyl-2-pentanone	0.054	0.051	5.6	114	0.00
63	TP	Tetrachloroethene	0.376	0.393	-4.5	109	0.00
65	TP	trans-1,3-Dichloropropene	0.354	0.365	-3.1	113	0.00
67	TP	Ethyl methacrylate	0.221	0.242	-9.5	125	0.00
68	TP	1,1,2-Trichloroethane	0.179	0.185#	-3.4	109	0.00
69	TP	Chlorodibromomethane	0.291	0.300	-3.1	109	0.00
70	TP	1,3-Dichloropropane	0.355	0.373	-5.1	110	0.00
71	TP	1,2-Dibromoethane	0.230	0.242	-5.2	107	0.00
72	TP	2-Hexanone	0.098	0.095	3.1	122	0.00
73	TP	Chlorobenzene	0.832	0.853	-2.5	108	0.00
74	TC	Ethylbenzene	1.397	1.442	-3.2	108	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.310	0.320	-3.2	110	0.00
76	TP	p/m Xylene	0.549	0.563	-2.6	107	0.00
77	TP	o Xylene	0.527	0.542	-2.8	108	0.00
78	TP	Styrene	0.858	0.907	-5.7	109	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
80	TP	Bromoform	0.309	0.305	1.3	112	0.00
82	TP	Isopropylbenzene	2.354	2.472	-5.0	109	0.00
83	S	4-Bromofluorobenzene	0.728	0.734	-0.8	108	0.00
84	TP	Bromobenzene	0.623	0.629	-1.0	108	0.00
85	TP	n-Propylbenzene	2.785	2.865	-2.9	105	0.00
86	TP	1,4-Dichlorobutane	0.479	0.545	-13.8	122	-0.01
87	TP	1,1,2,2-Tetrachloroethane	0.384	0.371	3.4	104	0.00
88	TP	4-Ethyltoluene	2.348	2.528	-7.7	110	0.00
89	TP	2-Chlorotoluene	1.597	1.667	-4.4	108	0.00

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	Lab Number	: L2420931		
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:		
Instrument ID	: VOA122	Calibration Date	: 04/19/24 14:59		
Lab File ID	: V22240419N01	Init. Calib. Date(s)	: 01/22/24	01/23/24	
Sample No	: WG1912057-2	Init. Calib. Times	: 22:47	22:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	68	0
Dichlorodifluoromethane	0.163	0.185	-	-13.5	20	84	0
Chloromethane	0.252	0.258	-	-2.4	20	66	0
Vinyl chloride	0.21	0.2	-	4.8	20	68	0
Bromomethane	0.126	0.036	-	71.4*	20	18	0
Chloroethane	0.117	0.106	-	9.4	20	62	0
Trichlorofluoromethane	0.225	0.253	-	-12.4	20	84	0
Ethyl ether	0.057	0.056	-	1.8	20	66	0
1,1-Dichloroethene	0.143	0.152	-	-6.3	20	75	0
Carbon disulfide	0.462	0.491	-	-6.3	20	71	0
Freon-113	0.132	0.157	-	-18.9	20	92	0
Acrolein	0.017	0.016	-	5.9	20	60	0
Methylene chloride	0.176	0.169	-	4	20	63	0
Acetone	0.03	0.031	-	-3.3	20	67	0
trans-1,2-Dichloroethene	0.162	0.165	-	-1.9	20	69	0
Methyl acetate	0.064	0.07	-	-9.4	20	74	0
Methyl tert-butyl ether	0.255	0.252	-	1.2	20	69	0
tert-Butyl alcohol	0.00785	0.00814*	-	-3.7	20	71	0
Diisopropyl ether	0.464	0.478	-	-3	20	72	0
1,1-Dichloroethane	0.329	0.351	-	-6.7	20	69	0
Halothane	0.123	0.125	-	-1.6	20	71	0
Acrylonitrile	0.038	0.041	-	-7.9	20	72	0
Ethyl tert-butyl ether	0.379	0.388	-	-2.4	20	74	0
Vinyl acetate	0.182	0.226	-	-24.2*	20	87	0
cis-1,2-Dichloroethene	0.181	0.18*	-	0.6	20	66	0
2,2-Dichloropropane	0.227	0.246	-	-8.4	20	74	0
Bromochloromethane	0.083	0.086*	-	-3.6	20	64	0
Cyclohexane	0.292	0.366	-	-25.3*	20	104	0
Chloroform	0.289	0.278	-	3.8	20	66	0
Ethyl acetate	0.079	0.081	-	-2.5	20	72	0
Carbon tetrachloride	0.222	0.238	-	-7.2	20	77	0
Tetrahydrofuran	0.025	0.026	-	-4	20	71	0
Dibromofluoromethane	0.352	0.363	-	-3.1	20	68	0
1,1,1-Trichloroethane	0.255	0.256	-	-0.4	20	72	0
2-Butanone	0.037	0.036	-	2.7	20	70	0
1,1-Dichloropropene	0.193	0.2	-	-3.6	20	77	0
Benzene	0.586	0.555	-	5.3	20	63	0
tert-Amyl methyl ether	0.244	0.217	-	11.1	20	64	0
1,2-Dichloroethane-d4	0.323	0.338	-	-4.6	20	71	0
1,2-Dichloroethane	0.159	0.158	-	0.6	20	66	0
Methyl cyclohexane	0.195	0.211	-	-8.2	20	100	0
Trichloroethene	0.136	0.128*	-	5.9	20	70	0
Dibromomethane	0.07	0.067	-	4.3	20	65	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	Lab Number	: L2420931		
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:		
Instrument ID	: VOA122	Calibration Date	: 04/19/24 14:59		
Lab File ID	: V22240419N01	Init. Calib. Date(s)	: 01/22/24	01/23/24	
Sample No	: WG1912057-2	Init. Calib. Times	: 22:47	22:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.132	0.143	-	-8.3	20	74	0
Bromodichloromethane	0.171	0.165*	-	3.5	20	67	0
1,4-Dioxane	0.00081	0.0007*	-	13.6	20	57	0
cis-1,3-Dichloropropene	0.179	0.175*	-	2.2	20	66	0
Chlorobenzene-d5	1	1	-	0	20	68	0
Toluene-d8	1.247	1.225	-	1.8	20	68	0
Toluene	0.386	0.373	-	3.4	20	67	0
4-Methyl-2-pentanone	0.029	0.027*	-	6.9	20	62	0
Tetrachloroethene	0.164	0.174	-	-6.1	20	80	0
trans-1,3-Dichloropropene	0.184	0.162*	-	12	20	65	0
Ethyl methacrylate	0.122	0.1	-	18	20	58	0
1,1,2-Trichloroethane	0.089	0.078*	-	12.4	20	67	0
Chlorodibromomethane	0.142	0.127*	-	10.6	20	67	0
1,3-Dichloropropane	0.17	0.161	-	5.3	20	70	-.01
1,2-Dibromoethane	0.101	0.096*	-	5	20	71	0
2-Hexanone	0.053	0.047	-	11.3	20	61	0
Chlorobenzene	0.447	0.431	-	3.6	20	66	0
Ethylbenzene	0.75	0.731	-	2.5	20	67	-.01
1,1,1,2-Tetrachloroethane	0.151	0.138	-	8.6	20	69	0
p/m Xylene	0.297	0.288	-	3	20	65	0
o Xylene	0.287	0.273	-	4.9	20	64	0
Styrene	0.462	0.433	-	6.3	20	61	-.01
1,4-Dichlorobenzene-d4	1	1	-	0	20	70	0
Bromoform	0.145	0.131	-	9.7	20	69	0
Isopropylbenzene	1.511	1.463	-	3.2	20	68	0
4-Bromofluorobenzene	0.919	0.851	-	7.4	20	63	0
Bromobenzene	0.359	0.339	-	5.6	20	66	0
n-Propylbenzene	1.719	1.707	-	0.7	20	70	0
1,4-Dichlorobutane	0.354	0.349	-	1.4	20	70	0
1,1,2,2-Tetrachloroethane	0.203	0.196*	-	3.4	20	71	0
4-Ethyltoluene	1.491	1.438	-	3.6	20	67	0
2-Chlorotoluene	1.028	0.984	-	4.3	20	65	0
1,3,5-Trimethylbenzene	1.251	1.204	-	3.8	20	66	0
1,2,3-Trichloropropane	0.167	0.155	-	7.2	20	67	0
trans-1,4-Dichloro-2-buten	0.076	0.065	-	14.5	20	63	0
4-Chlorotoluene	1.096	1.008	-	8	20	64	0
tert-Butylbenzene	1.283	1.271	-	0.9	20	72	0
1,2,4-Trimethylbenzene	1.4	1.332	-	4.9	20	65	0
sec-Butylbenzene	1.517	1.553	-	-2.4	20	76	0
p-Isopropyltoluene	1.358	1.35	-	0.6	20	70	0
1,3-Dichlorobenzene	0.718	0.689	-	4	20	66	0
1,4-Dichlorobenzene	0.704	0.675	-	4.1	20	67	0
p-Diethylbenzene	0.813	0.787	-	3.2	20	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2420931		
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	**Project Number**	:		
Instrument ID	: VOA122	**Calibration Date**	: 04/19/24 14:59		
Lab File ID	: V22240419N01	**Init. Calib. Date(s)**	: 01/22/24	01/23/24	
Sample No	: WG1912057-2	**Init. Calib. Times**	: 22:47	22:06	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.055	1.093	-	-3.6	20	74	0
1,2-Dichlorobenzene	0.636	0.608	-	4.4	20	66	0
1,2,4,5-Tetramethylbenzene	1.117	1.048	-	6.2	20	68	0
1,2-Dibromo-3-chloropropan	0.041	0.032	-	22*	20	55	0
1,3,5-Trichlorobenzene	0.428	0.44	-	-2.8	20	72	0
Hexachlorobutadiene	0.14	0.157	-	-12.1	20	87	0
1,2,4-Trichlorobenzene	0.376	0.375*	-	0.3	20	70	0
Naphthalene	0.875	0.755	-	13.7	20	59	0
1,2,3-Trichlorobenzene	0.324	0.316*	-	2.5	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	Lab Number	: L2420931		
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:		
Instrument ID	: VOA105	Calibration Date	: 04/22/24 19:17		
Lab File ID	: V05240422N01	Init. Calib. Date(s)	: 04/05/24	04/05/24	
Sample No	: WG1912280-2	Init. Calib. Times	: 18:04	22:18	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	136	0
Dichlorodifluoromethane	0.334	0.235	-	29.6*	20	90	0
Chloromethane	0.239	0.173	-	27.6*	20	92	0
Vinyl chloride	0.27	0.199	-	26.3*	20	94	0
Bromomethane	10	6.43	-	35.7*	20	86	0
Chloroethane	0.207	0.186	-	10.1	20	106	0
Trichlorofluoromethane	0.529	0.406	-	23.3*	20	98	0
Ethyl ether	0.117	0.096	-	17.9	20	111	-.01
1,1-Dichloroethene	0.268	0.21	-	21.6*	20	99	-.01
Carbon disulfide	0.845	0.638	-	24.5*	20	102	0
Freon-113	0.305	0.235	-	23*	20	99	0
Acrolein	0.019	0.015	-	21.1*	20	126	0
Methylene chloride	0.236	0.204	-	13.6	20	124	0
Acetone	0.039	0.035	-	10.3	20	140	0
trans-1,2-Dichloroethene	0.231	0.218	-	5.6	20	127	0
Methyl acetate	0.088	0.078	-	11.4	20	126	0
Methyl tert-butyl ether	0.46	0.435	-	5.4	20	130	0
tert-Butyl alcohol	0.00834	0.00791*	-	5.2	20	130	0
Diisopropyl ether	0.641	0.579	-	9.7	20	123	-.01
1,1-Dichloroethane	0.428	0.388	-	9.3	20	121	0
Halothane	0.192	0.172	-	10.4	20	117	-.01
Acrylonitrile	0.043	0.034	-	20.9*	20	113	0
Ethyl tert-butyl ether	0.521	0.487	-	6.5	20	131	0
Vinyl acetate	10	9.878	-	1.2	20	185	0
cis-1,2-Dichloroethene	0.256	0.242	-	5.5	20	127	0
2,2-Dichloropropane	0.347	0.323	-	6.9	20	131	-.01
Bromochloromethane	0.122	0.117	-	4.1	20	128	0
Cyclohexane	0.362	0.325	-	10.2	20	115	0
Chloroform	0.426	0.39	-	8.5	20	121	0
Ethyl acetate	0.13	0.117	-	10	20	123	0
Carbon tetrachloride	0.393	0.34	-	13.5	20	114	0
Tetrahydrofuran	0.04	0.034	-	15	20	117	0
Dibromofluoromethane	0.289	0.284	-	1.7	20	136	0
1,1,1-Trichloroethane	0.406	0.376	-	7.4	20	119	-.01
2-Butanone	0.06	0.045	-	25*	20	107	0
1,1-Dichloropropene	0.314	0.287	-	8.6	20	119	0
Benzene	0.892	0.824	-	7.6	20	122	-.01
tert-Amyl methyl ether	0.454	0.417	-	8.1	20	130	0
1,2-Dichloroethane-d4	0.319	0.322	-	-0.9	20	135	0
1,2-Dichloroethane	0.304	0.275	-	9.5	20	122	0
Methyl cyclohexane	0.399	0.361	-	9.5	20	117	0
Trichloroethene	0.29	0.24	-	17.2	20	116	0
Dibromomethane	0.141	0.125	-	11.3	20	123	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	Lab Number	: L2420931		
Project Name	: BUFFALO DEVELOPMENT CORPORATIO	Project Number	:		
Instrument ID	: VOA105	Calibration Date	: 04/22/24 19:17		
Lab File ID	: V05240422N01	Init. Calib. Date(s)	: 04/05/24	04/05/24	
Sample No	: WG1912280-2	Init. Calib. Times	: 18:04	22:18	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.22	0.199	-	9.5	20	120	0
Bromodichloromethane	0.328	0.292*	-	11	20	121	0
1,4-Dioxane	0.00126	0.00126*	-	0	20	134	0
cis-1,3-Dichloropropene	0.332	0.298*	-	10.2	20	122	0
Chlorobenzene-d5	1	1	-	0	20	136	0
Toluene-d8	1.192	1.209	-	-1.4	20	133	0
Toluene	0.691	0.656	-	5.1	20	123	0
4-Methyl-2-pentanone	0.054	0.048	-	11.1	20	133	0
Tetrachloroethene	0.376	0.362	-	3.7	20	125	0
trans-1,3-Dichloropropene	0.354	0.326	-	7.9	20	126	0
Ethyl methacrylate	0.221	0.185	-	16.3	20	120	0
1,1,2-Trichloroethane	0.179	0.167*	-	6.7	20	123	0
Chlorodibromomethane	0.291	0.28	-	3.8	20	127	0
1,3-Dichloropropane	0.355	0.336	-	5.4	20	123	0
1,2-Dibromoethane	0.23	0.224	-	2.6	20	124	0
2-Hexanone	0.098	0.081	-	17.3	20	129	0
Chlorobenzene	0.832	0.77	-	7.5	20	122	0
Ethylbenzene	1.397	1.287	-	7.9	20	120	0
1,1,1,2-Tetrachloroethane	0.31	0.295	-	4.8	20	127	0
p/m Xylene	0.549	0.51	-	7.1	20	121	0
o Xylene	0.527	0.49	-	7	20	122	0
Styrene	0.858	0.8	-	6.8	20	120	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	136	0
Bromoform	0.309	0.276	-	10.7	20	129	0
Isopropylbenzene	2.354	2.157	-	8.4	20	121	0
4-Bromofluorobenzene	0.728	0.741	-	-1.8	20	139	0
Bromobenzene	0.623	0.561	-	10	20	123	0
n-Propylbenzene	2.785	2.504	-	10.1	20	117	0
1,4-Dichlorobutane	0.479	0.43	-	10.2	20	123	0
1,1,2,2-Tetrachloroethane	0.384	0.352	-	8.3	20	126	0
4-Ethyltoluene	2.348	2.158	-	8.1	20	120	0
2-Chlorotoluene	1.597	1.464	-	8.3	20	121	0
1,3,5-Trimethylbenzene	2.065	1.84	-	10.9	20	118	0
1,2,3-Trichloropropane	0.326	0.274	-	16	20	117	0
trans-1,4-Dichloro-2-buten	0.114	0.094	-	17.5	20	113	0
4-Chlorotoluene	1.645	1.479	-	10.1	20	121	0
tert-Butylbenzene	1.797	1.643	-	8.6	20	120	0
1,2,4-Trimethylbenzene	10	8.459	-	15.4	20	122	0
sec-Butylbenzene	2.601	2.358	-	9.3	20	119	0
p-Isopropyltoluene	10	8.44	-	15.6	20	119	0
1,3-Dichlorobenzene	1.209	1.119	-	7.4	20	122	0
1,4-Dichlorobenzene	1.235	1.123	-	9.1	20	123	0
p-Diethylbenzene	1.415	1.18	-	16.6	20	120	0

* Value outside of QC limits.